



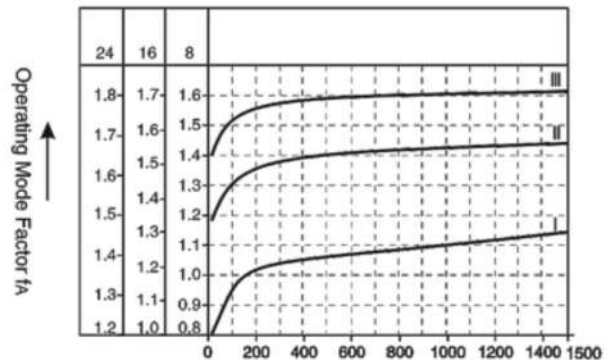
**MANUFACTURER, SUPPLIER, EXPORTER AND ALSO
SERVICES PROVIDER OF INDUSTRIAL GEARBOXES,
PARALLEL SHAFT GEARBOXES, WORM GEARBOXES,
PLANETARY GEARBOXES**

1. K Series reducers are based on the building block design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of reducers can fit motors with different power, so that it's possible for different types of machines to combine or connect.
2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3. Precise division of transmission ratio with a wide range. The combination of machines can produce a larger transmission ratio at a low output rotational speed.
4. Various ways of installation. Horizontal installation at any position or flanged installation, The bottom feet installs the machine that deceleration machine have two bottom feet processes to install the flat surface.

1. Working temperature: -40°C – 50°C (The lubrication should be heated until above 0°C if the machine works Below 0°C .)
2. The working place should be lower than 1,000 meters above sea level.
3. The input rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 20m/s.
4. Suitable for normal–reverse rotation.
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

The daily operating time, the starting frequency and the load classifications be determined before deciding the service factor. The load classifications is calculated with the following formula:

Uniform load, mass acceleration factor ≤ 0.2
 Medium Impact Load, mass acceleration factor ≤ 3
 Heavy shock Load, mass acceleration factor ≤ 10



Please contact our technical supporting department in case the mass acceleration factor > 10 .

$$\text{Mass acceleration factor} = \frac{\text{All external mass moments of Inertia}}{\text{Mass moment of inertia on the motor end}}$$

The actual operating mode factor (f_a) should meet the following formula: Service factor $f_s \geq$ operating mode factor f_a

The service factor f_s is listed in the parameter selection list.

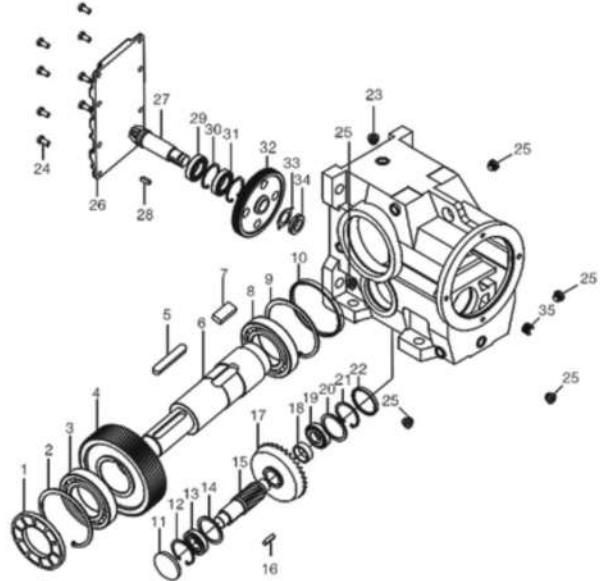
The permitted overhung loads and the axial forces.

Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the output end of the shaft.

Regarding the use and maintenance of the reducer, please refer to the attached Instruction Manual of the Reductor and the Variable Speed Motor.

**Mounting type: K
series structure drawing:**

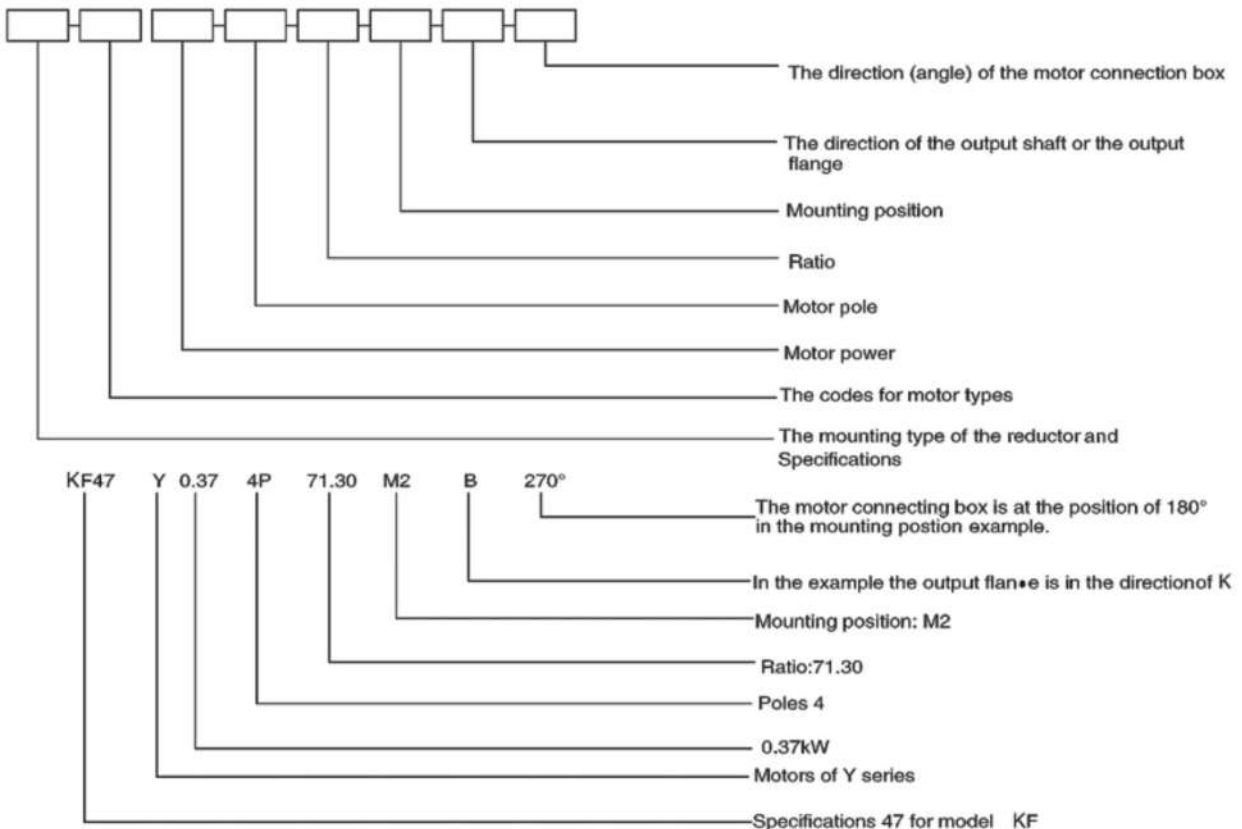
- | | |
|---------------------------|----------------------------|
| 1. Oil seal | 21 Circlip for hole |
| 2. Circlip for hole | 22 Grand |
| 3. Bearing | 23 Oil gauge |
| 4. First-stage big gear | 24. Screw |
| 5. Key | 25. Oil plug |
| 6. Output shaft | 26. Cover plate |
| 7. Key | 27 Second-stage gear shaft |
| 8. Bearing | 28. Key |
| 9. Circlip for hole | 29 Bearing |
| 10 Seal cover | 30 Circlip for hole |
| 11 Seal cover | 31 Bearing |
| 12 Circlip for hole | 32 First-stage big gear |
| 13 Bearing | 33. Lock washer |
| 14 Adjusting strip | 34. Round nut |
| 15 Third-stage gear shaft | 35. First-stage gear shaft |
| 16. Key | |
| 17 Second-stage big gear | |
| 18 Shaft sleeve | |
| 19. Bearing | |
| 20. Adjusting strip | |



Type, specification and model notation for K series helical gear, spiral bevel gear speed reducers.:

Types, specifications of this series speed reducer have 12 kinds including K 37、47、57、67、77、87、97、107、127、157、167、187 etc. speed reducing ratio:5 ~ 186, which can be allocated to 0.18 ~ 200kW.

Instructions for Models:



- Note:1. The input-shaft style is not equipped with any motor
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
 3. The mounting position of M1 as shown in the mounting position example is the default way when supplying unless otherwise specified.
 4. 0° as shown in the mounting position example is the default connection box angle when supplying unless otherwise specified.
 5. The mounting position of A as shown in the mounting position example is the default way when supplying reducers such as K, KF, KAF, KH model unless otherwise specified.
 6. It is necessary to note the direction of rotation from the output shaft end.
 7. About Motor size, please check table of motor's dimensions.

Codes for Motor Types :

Y series	Y	Flame-proof Motor	YB	Direct Current Motor	Z
Brake Motor	YEJ	Roll Motor	YG	Variable Frequency Motor	YVP

Length of Connect Flange L2

The form on length of the connect flange L2 of the helical-bevel gear reductor of WK series

Motor frame size \ Reductor type	63	71	80	90	100	112	132	160	180	200	225	250	280	315
K..37	61.5	61.5	80	80	98	—	—	—	—	—	—	—	—	—
K..47	56	56	74.5	74.5	90.5	—	—	—	—	—	—	—	—	—
K..57	56	56	74.5	74.5	90.5	90.5	—	—	—	—	—	—	—	—
K..67	56	56	74.5	74.5	90.5	90.5	123	—	—	—	—	—	—	—
K..77	50	50	68.5	68.5	82.5	82.5	111	152.5	—	—	—	—	—	—
K..87	—	—	63.5	63.5	78.5	78.5	106	147.5	147.5	—	—	—	—	—
K..97	—	—	—	57.5	72.5	72.5	101	142.5	142.5	144.5	—	—	—	—
K..107	—	—	—	—	66.5	66.5	95	136.5	136.5	138.5	168.5	—	—	—
K..127	—	—	—	—	—	—	80	121.5	121.5	123.5	153.5	153.5	153.5	—
K..157	—	—	—	—	—	—	—	113.5	113.5	115.5	145.5	145.5	145.5	184
K..167	—	—	—	—	—	—	—	113.5	113.5	115.5	145.5	145.5	145.5	184
K..187	—	—	—	—	—	—	—	113.5	113.5	115.5	145.5	145.5	145.5	184

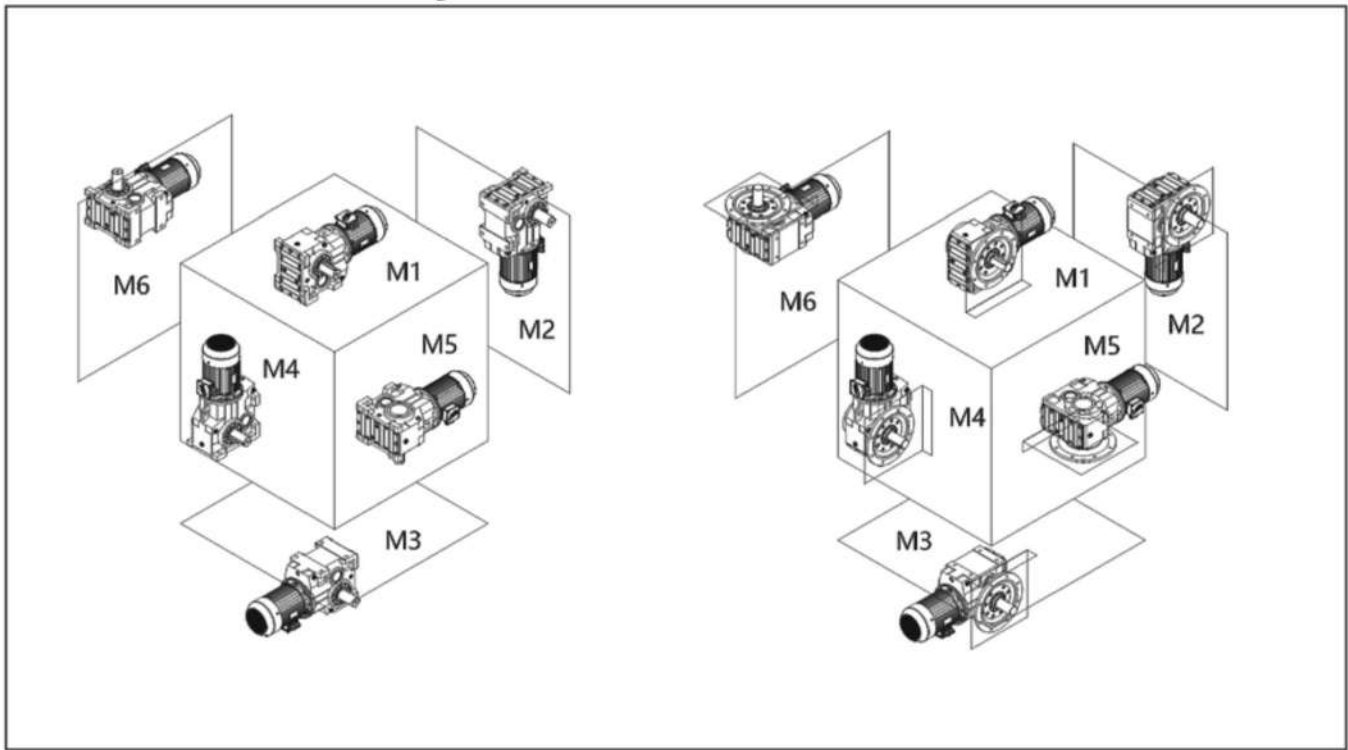
Explanation of mounting position example

	Breather valve		Oil level plug		Oil drain plug
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Explanation of Parameter Selection List

Power (kW)	Output speed (r/min)	Output torque (N · m)	Ratio (i)	Service factor (fB)	Type	Motor pole	Weight (kg)
0.37	11	336	132.32	1.19	B 47	4P	37
	11	318	125.23	1.26	BA 47	4P	36
	13	271	106.69	1.47	BF 47	4P	39
	15	235	92.27	1.71	BAF 47	4P	38

kseries installation direction diagram



kseries oil capacity table (Unit:kg)

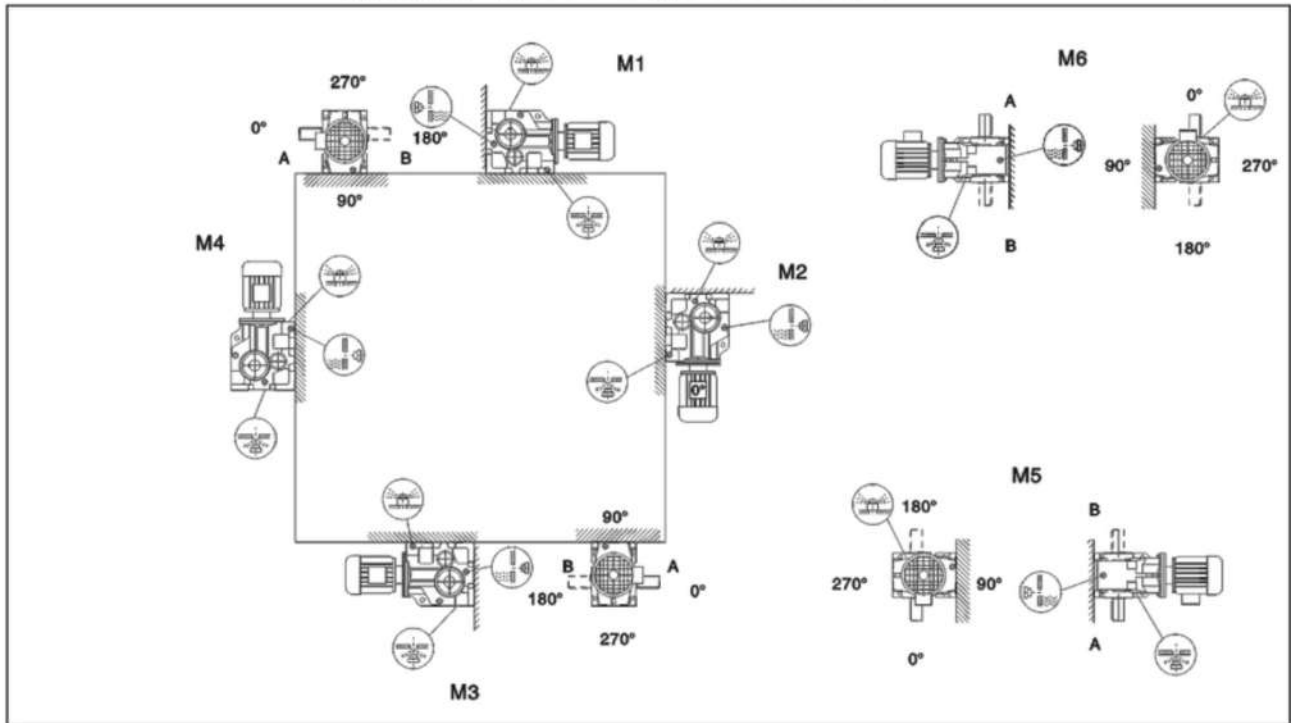
	M1	M2	M3	M4	M5	M6
K37	0.4	0.8	0.9	1.2	0.9	0.9
K47	0.6	0.9	1	1.4	1.1	1.1
K57	1.1	2.1	2.3	2.8	2.4	2.2
K67	1.1	2.2	2.4	3.2	2.5	2.5
K77	1.9	3.6	3.9	5.2	3.7	3.9
K87	3.2	7	7.6	9.5	6.8	7
K97	6.1	12.2	13.7	17.5	13.7	14
K107	6.5	13.2	16	21	15	15
K127	10.8	21.3	22.6	27.7	20.5	21
K157	17.2	34.4	36	50	32.2	34.4
K167	31	88	88	110	75	75
K187	56	155	155	190	120	120

kseries weight table

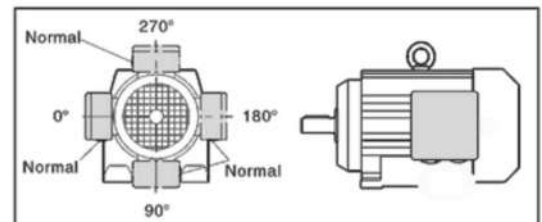
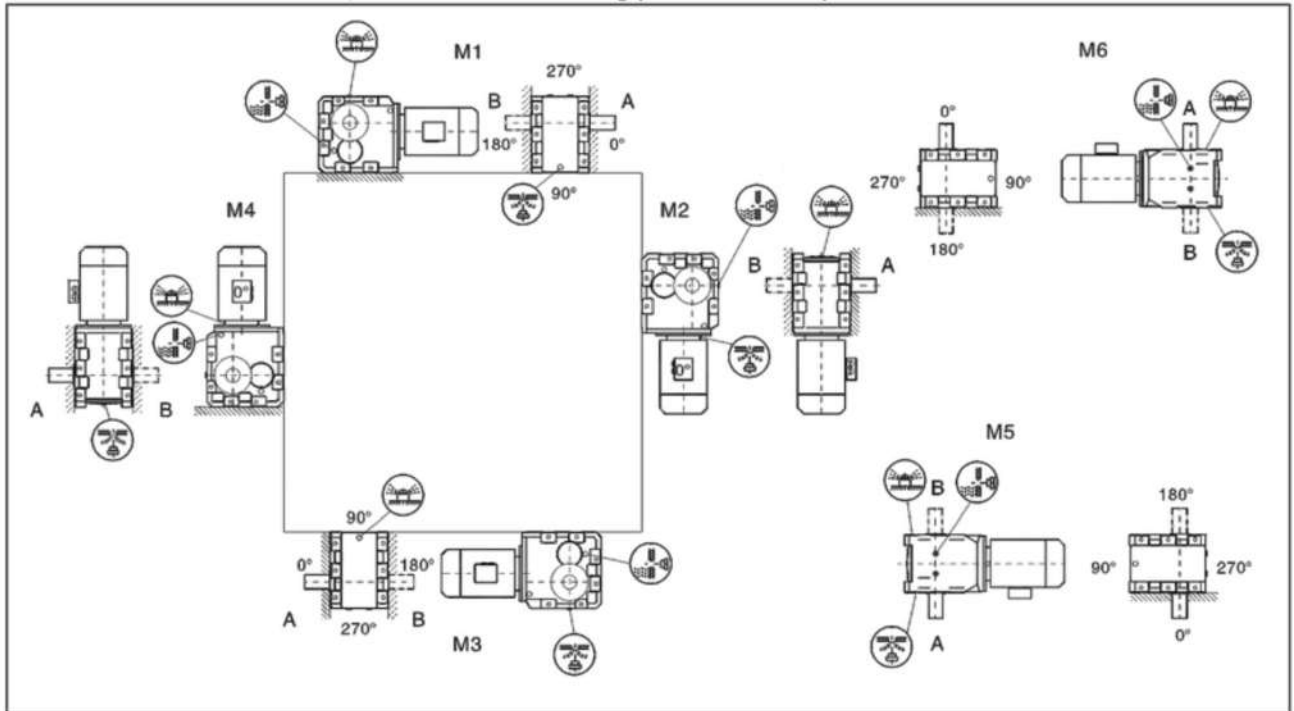
Type	K37	K47	K57	K67	K77	K87	K97	K107	K127	K157	K167	K187
Weight kg	13	22	29	33	45	81	150	230	420	680	1050	1650

Note: Weight in the table means the weight when oil is not added. When input shaft is furnished, 10% weight should be added; If there is a motor, please add weight according to motor type.

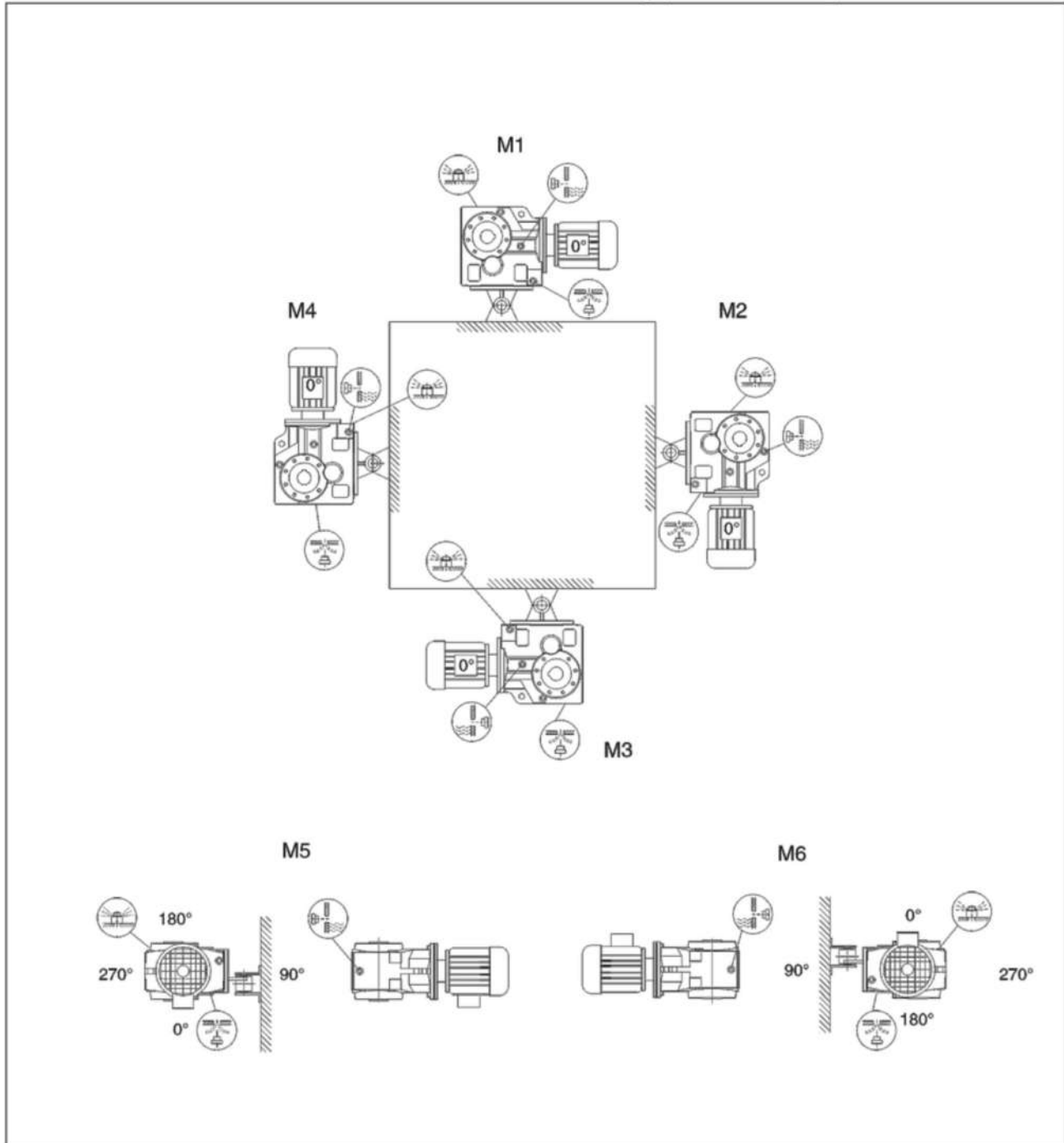
B/BAB167-187 Mounting position example



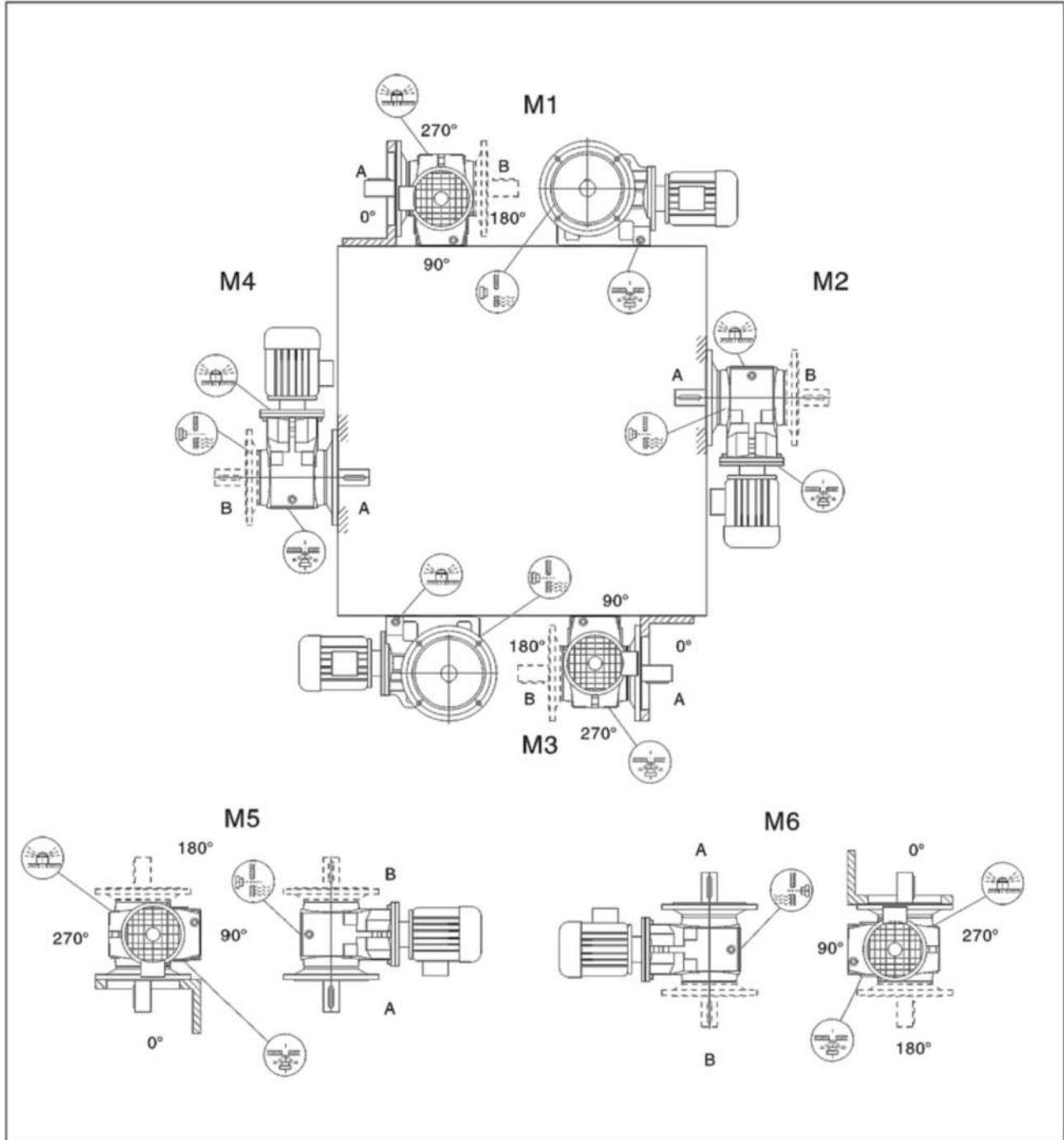
B/BA167-187 Mounting position example



BAT37-157 Mounting position example



KF/KAF 37-157 Mounting position example



Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole
0.12KW						0.12KW					
0.08	11800	17550	1.10	K127 H77 KF127 H77 KA127 H77 KAF127H77	4P	1.0	930	1351	0.90	K67 H37 KF67 H37 KA67 H37 KAF67 H37	4P
0.09	10700	16006	1.20								
0.09	9880	14975	1.30								
0.11	8010	12440	1.60								
0.13	6920	10915	1.90								
0.14	6320	9819	2.1								
0.16	5220	8443	2.5								
0.18	4820	7482	2.7								
0.10	9590	14311	0.85	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	1.2	795	1171	1.05		
0.11	8060	12211	1.00								
0.13	6930	10677	1.15								
0.14	6280	9524	1.25								
0.17	5410	8328	1.50								
0.19	4720	7270	1.70								
0.22	3760	6184	2.1								
0.24	3320	5662	2.4								
0.27	3020	5138	2.7	K57 H37 KF57 H37 KA57 H37 KAF57 H37	4P	2.5	340	542	2.4		
0.32	2700	4359	3.0								
0.17	5310	8054	0.80			K97 H57 KF97 H57 KA97 H57 KAF97 H57	4P	2.9	315	471	2.6
0.20	4350	6970	1.00								
0.23	3890	6027	1.10								
0.26	3560	5391	1.20								
0.30	2950	4669	1.45								
0.34	2640	4082	1.65								
0.39	2320	3583	1.85								
0.44	2040	3108	2.1								
0.50	1720	2757	2.5								
0.57	1580	2419	2.7								
0.65	1370	2123	3.2								
0.74	1220	1856	3.5								
0.85	1000	1625	4.3								
0.96	860	1430	5.0								
1.1	830	1261	5.2								
1.2	725	1102	5.9								
0.26	3380	5240	0.80	K87 H57 KF87 H57 KA87 H57 KAF87 H57	4P	2.2	390	613	2.1		
0.30	2850	4562	0.95								
0.34	2610	4037	1.05								
0.38	2330	3609	1.15								
0.44	1990	3107	1.35								
0.51	1700	2728	1.60								
0.58	1500	2371	1.80								
0.66	1380	2088	1.95								
0.74	1220	1854	2.2								
0.83	1090	1657	2.5								
0.97	930	1415	2.9								
1.1	800	1229	3.4								
1.3	695	1078	3.9								
1.5	585	951	4.6								
1.6	505	837	5.4								
1.9	435	726	6.2								
0.51	1790	2717	0.85	K77 H37 KF77 H37 KA77 H37 KAF77 H37	4P	2.2	340	544	1.75		
0.58	1510	2370	1.05								
0.67	1380	2050	1.10								
0.78	1180	1772	1.30								
0.91	1010	1514	1.55								
0.99	920	1388	1.70								
1.1	810	1218	1.90								
1.3	710	1053	2.2								
1.5	620	924	2.5								
1.7	550	815	2.8								
2.0	440	709	3.5								
2.2	385	622	4.0								
4.0	235	346	0.85			K37 H17 KF37 H17 KA37 H17 KAF37 H17	4P	4.2	215	327	4.4
4.5	200	304	1.00								
5.2	182	267	1.10								
5.9	157	234	1.25								
6.7	138	205	1.45								
7.6	120	181	1.65								
8.6	105	160	1.90								
10	88	136	2.3								
6.2	184	144.79	4.4								
6.2	185	145.15	3.2	K 67 KF 67 KA 67 KAF67	6P			6.2	184	144.79	4.4
7.3	158	123.85	3.8								
8.3	138	108.29	4.3								
8.8	131	102.88	4.6								
10	115	90.26	5.2								
12	98	76.26	6.2								
9.5	121	145.14	5.0								
11	103	123.85	5.8								
13	90	108.29	6.7								
13	85	102.88	7.0								
15	75	90.26	8.0								
6.8	168	131.87	2.4			K 47 KF 47 KA 47 KAF47	6P	7.4	155	121.48	2.6
7.4	155	121.48	2.6								
8.6	133	104.37	3.0								
8.6	133	104.37	3.0								

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole				
0.12KW						0.18KW									
10	110	131.87	1.50	K47	4P	1.4	1040	957	4.1	K97 H57	4P				
11	101	106.38	1.60	KF47		1.5	930	855	4.6	KF97 H57					
8.5	136	121.48	8140	KA47		1.8	755	743	5.7	KA97 H57					
				KAF47		2.0	675	652	6.4	KAF97 H57					
9.2	125	97.81	8170	K 37	6P	0.42	3330	3107	0.80						
11	107	83.69	1.90	KF 37		0.48	2880	2728	0.95						
12	92	72.54	2.2	KA 37		0.56	2520	2371	1.05						
13	88	106.38	2.3	KAF37		0.63	2290	2088	1.20						
14	81	97.81	2.5		4P	0.71	2030	1854	1.35		4P				
16	70	83.69	2.9			0.80	1820	1657	1.50			K87 H57			
19	60	72.54	3.3			0.93	1540	1415	1.75			KF87 H57			
20	56	67.80	3.5			1.1	1340	1229	2.0			KA87 H57			
24	49	58.60	4.1			1.2	1160	1078	2.3			KAF87H57			
28	41	49.79	4.8			1.4	1000	951	2.7						
31	37	44.46	5.4			1.6	870	837	3.1						
36	32	37.97	6.3			K 37	1.8	755	726			3.6			
39	30	35.57	6.8			KF 37	0.87	1670	1514			0.95		4P	
46	25	29.96	8.0			KA 37	0.95	1530	1388			1.00			
48	24	28.83	8.4			KAF37	1.1	1340	1218			1.15			
55	21	24.99	9.6				1.2	1170	1053			1.35			
59	19	23.36	10				1.4	1030	924			1.50			
68	17	20.19	11				1.6	910	815			1.70			K77 H37
80	14	17.15	13		1.9	750	709	2.1	KF77 H37						
90	13	15.32	14		2.1	655	622	2.4	KA77 H37						
105	11	13.08	15		2.4	590	552	2.6	KAF77 H37						
114	10	12.14	16		2.7	515	485	3.0							
					3.1	455	428	3.4							
					3.6	400	367	3.9							
0.18KW						0.18KW									
0.09	16300	14975	0.80		4P	1.5	980	903	0.85		4P				
0.11	13400	12440	0.95			1.7	890	793	0.90						
0.12	11600	10915	1.10			1.9	745	697	1.10						
0.13	10500	9819	1.25			2.2	655	613	1.25			K67 H37			
0.16	8850	8443	1.45			2.4	580	542	1.40			KF67 H37			
0.18	8040	7482	1.60			2.8	520	471	1.60			KA67 H37			
0.20	6990	6565	1.85			3.2	445	420	1.85			KAF67 H37			
0.23	5940	5804	2.2			3.7	395	361	2.1						
0.26	5220	5027	2.5			4.1	350	323	2.3						
0.30	4530	4423	2.9			4.7	295	279	2.8						
0.34	3960	3889	3.3												
0.40	3310	3311	3.9												
0.16	8990	8328	0.90				4P	2.2	660			615	0.90		4P
0.18	7850	7270	1.00					2.4	580			544	1.05		
0.21	6420	6184	1.25					2.8	515			473	1.15		
0.23	5760	5662	1.40					3.1	450			421	1.35		
0.26	5230	5138	1.55	3.6	395			362	1.50	K57 H37					
0.30	4570	4359	1.75	4.1	350			319	1.75	KF57 H37					
0.35	4000	3810	2.0	4.7	300			280	2.0	KA57 H37					
0.39	3440	3358	2.3	5.4	260			246	2.3	KAF57 H37					
0.44	3090	2977	2.6	6.1	230			215	2.6						
0.51	2700	2599	3.0	6.9	205			192	2.9						
0.58	2340	2286	3.4	7.9	178			166	3.4						
0.28	4960	4669	0.85		4P			3.5	400	375	1.00		4P		
0.32	4390	4082	1.00					4.0	360	327	1.10				
0.37	3860	3583	1.10					4.6	315	289	1.25				
0.42	3370	3108	1.25			5.2	275	256	1.45	KF47 H37					
0.48	2910	2757	1.50			5.9	245	225	1.65	KA47 H37					
0.55	2640	2419	1.65			6.7	210	198	1.90	KAF47 H37					
0.62	2290	2123	1.90			7.7	183	171	2.2						
0.71	2030	1856	2.1			8.6	164	153	2.4						
0.81	1710	1625	2.5			10	142	131	2.8						
0.92	1490	1430	2.9												
1.0	1380	1261	3.1												
1.2	1210	1102	3.6												
							4P	6.4	225	205	0.90				4P
								7.3	199	181	1.00				
				8.2	175			160	1.15	KF37 H17					
				9.7	148			136	1.35	KA37 H17					
				10	140			127	1.45	KAF37 H17					

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole
0.18KW						0.25KW					
6.0	285	144.79	2.9	K 67	6P	0.13	15300	9819	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P
7.0	145	123.54	3.4	KF 67		0.15	13000	8443	1.00		
8.1	215	108.03	3.8	KA 67		0.17	11700	7482	1.10		
8.5	205	102.62	4.0	KAF 67		0.20	10200	6565	1.30		
9.1	189	144.79	4.3	K 67	0.22	8770	5804	1.50			
11	161	123.54	5.1	KF 67	0.26	7670	5027	1.70			
12	141	108.03	5.8	KA 67	0.29	6680	4423	1.95			
				KAF 67	0.33	5850	3889	2.2			
					0.39	4930	3311	2.6			
6.0	285	145.15	2.1	K 57	6P	0.21	9440	6184	0.85		
7.0	245	123.85	2.5	K 57		0.23	8520	5662	0.95		
8.0	215	108.29	2.8	KF 57		0.25	7730	5138	1.05		
8.5	205	102.88	3.0	KA 57		0.30	6700	4359	1.20		
9.6	178	90.26	3.4	KAF 57		0.34	5850	3810	1.35		
9.1	189	145.15	3.2	K 57	0.39	5070	3358	1.60			
11	161	123.85	3.7	K 57	0.44	4540	2977	1.75			
12	141	108.29	4.3	KF 57	0.50	3970	2599	2.0			
13	134	102.88	4.5	KA 57	0.57	3450	2286	2.3			
15	118	90.26	5.1	KAF 57	0.67	2930	1939	2.7			
17	100	76.56	6.0		0.76	2640	1713	3.0			
					0.84	2390	1554	3.3			
					0.97	2060	1336	3.9			
6.6	260	131.87	1.55	K 47	6P	0.42	4890	3108	0.90	K97 H57 KF97 H57 KA97 H57 KAF97 H57	4P
7.2	240	121.48	1.65	KF 47		0.47	4250	2757	1.00		
8.3	205	104.37	1.95	KA 47		0.54	3840	2419	1.10		
9.6	180	90.86	2.2	KAF 47		0.61	3340	2123	1.30		
10	168	85.12	2.4			0.70	2950	1856	1.45		
10	172	131.87	2.3	K 47	0.80	2520	1625	1.70			
11	158	121.48	2.5	KF 47	0.91	2190	1430	1.95			
13	136	104.37	2.9	KA 47	1.0	2010	1261	2.1			
15	118	90.86	3.4	KAF 47	1.2	1750	1102	2.5			
16	111	85.12	3.6		1.4	1520	957	2.8			
					1.5	1360	855	3.2			
8.2	210	106.38	0.95	K 37	6P	0.62	3320	2088	0.80	K87 H57 KF87 H57 KA87 H57 KAF87 H57	4P
8.9	193	97.81	1.05	KF 37		0.70	2950	1854	0.90		
10	165	83.69	1.20	KA 37		0.78	2640	1657	1.00		
12	143	72.54	1.40	KAF 37		0.92	2250	1415	1.20		
						1.1	1950	1229	1.40		
12	139	106.38	1.45		1.2	1700	1078	1.60			
14	127	97.81	1.55		1.4	1470	951	1.85			
16	109	83.69	1.85		1.5	1280	837	2.1			
18	95	72.54	2.1		1.8	1110	726	2.4			
19	88	67.80	2.3		2.0	990	638	2.7			
23	76	58.60	2.6								
27	65	49.79	3.1								
30	58	44.46	3.5								
35	49	37.97	4.1	K 37	4P	1.2	1690	1053	0.90	K77 H37 KF77 H37 KA77 H37 KAF77 H37	4P
37	46	35.57	4.3	KF 37		1.4	1480	924	1.05		
44	39	29.96	5.1	KA 37		1.6	1310	815	1.20		
46	38	28.83	5.3	KAF 37		1.8	1100	709	1.40		
53	33	24.99	6.2			2.1	960	622	1.60		
57	30	23.36	6.4			2.3	860	552	1.80		
65	26	20.19	7.0			2.7	755	485	2.0		
77	22	17.15	8.1			3.0	665	428	2.3		
86	20	15.31	8.8			3.5	580	367	2.7		
101	17	13.08	9.7			4.0	515	328	3.0		
109	16	12.14	10		4.5	460	290	3.4			
126	14	10.49	12		5.2	395	252	3.9			
148	12	8.91	14		5.9	345	221	4.5			
166	10	7.96	15		6.7	305	195	5.1			
					7.4	270	175	5.7			
					2.1	960	613	0.85	K67 H37 KF67 H37 KA67 H37 KAF67 H37	4P	
					2.4	850	542	0.95			
					2.8	755	471	1.10			
					3.1	655	420	1.25			
					3.6	575	361	1.45			

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole
0.25KW						0.25KW					
4.0	510	323	1.60	K67 H37	4P	11	225	83.69	0.90		6P
4.7	430	279	1.90	KF67 H37		12	197	72.54	1.00	K 37	
5.3	385	246	2.1	KA67 H37		13	184	67.80	1.10	KF 37	
6.0	335	217	2.4	KAF67 H37		15	159	58.60	1.25	KA 37	
						18	135	49.79	1.50	KAF 37	
3.1	655	421	0.90		4P	12	195	106.38	1.00		4P
3.6	575	362	1.05			13	180	97.81	1.10		
4.1	505	319	1.20			16	154	83.69	1.30		
4.7	435	280	1.35			18	133	72.54	1.50		
5.3	385	246	1.55			19	125	67.80	1.60		
6.1	335	215	1.80	K57 H37		22	108	58.60	1.85		
6.8	300	192	2.0	KF57 H37		26	91	49.79	2.2		
7.8	260	166	2.3	KA57 H37		29	82	44.46	2.5		
9.0	225	145	2.7	KAF57 H37		34	70	37.97	2.9		
10	205	129	2.9			37	65	35.57	3.1		
12	173	111	3.5			43	55	29.96	3.6		
13	152	97	4.0		45	53	28.83	3.8	K 37		
4.4	540	154.02	2.9	K 77	8P	52	46	24.99	4.4	KF 37	4P
5.0	475	135.28	3.3	KF 77		56	43	23.36	4.6	KA 37	
5.3	450	128.52	3.4	KA 77		64	37	20.19	5.0	KAF 37	
6.0	400	113.56	3.9	KAF 77		76	32	17.15	5.7		
4.6	520	192.18	2.8	K 77	6P	85	28	15.32	6.2		4P
4.9	485	179.37	3.0	KF 77		99	24	13.08	6.9		
5.7	420	154.02	3.7	KA 77		107	22	12.14	7.2		
6.5	365	135.28	4.2	KAF 77		124	19	10.49	8.3		
5.5	435	123.54	1.90	K 67	8P	146	16	8.91	9.8		4P
6.3	380	108.03	2.2	KF 67		163	15	7.96	11		
6.6	360	102.62	2.3	KA 67		191	13	6.80	12		
7.6	315	90.04	2.6	KAF 67		204	12	6.37	12		
6.1	395	144.79	2.1	K 67	6P	0.37KW					4P
7.1	335	123.54	2.5	KF 67		0.18	16600	7482	0.80		
8.1	295	108.03	2.8	KA 67		0.21	14500	6565	0.90		
8.6	280	102.62	3.0	KAF 67		0.24	12600	5804	1.05	K127 H77	
9.0	265	144.79	3.1	K 67	4P	0.27	11000	5027	1.20	KF127 H77	4P
11	225	123.54	3.6	KF 67		0.31	9610	4423	1.35	KA127 H77	
12	198	108.03	4.1	KA 67		0.35	8430	3889	1.55	KAF127 H77	
13	189	102.62	4.3	KAF 67		0.42	7120	3311	1.85		
6.1	395	145.15	1.50		6P	0.72	4230	1926	3.1		4P
7.1	335	123.85	1.80	K 57		0.79	3860	1757	3.4		
8.1	295	108.29	2.0	KF 57		0.90	3360	1541	3.9		
8.6	280	102.88	2.2	KA 57		0.36	8380	3810	0.95		
9.8	245	90.26	2.5	KAF 57		0.41	7300	3358	1.10		
11	210	76.56	2.9			0.46	6510	2977	1.25	K107 H77	
9.0	265	145.15	2.2	K 57	4P	0.53	5690	2599	1.40	KF107 H77	4P
11	225	123.85	2.6	KF 57		0.60	4970	2286	1.60	KA107 H77	
12	199	108.29	3.0	KA 57		0.71	4210	1939	1.90	KAF107 H77	
13	189	102.88	3.2	KAF 57		0.81	3790	1713	2.1		
14	166	90.26	3.6			0.89	3440	1554	2.3		
17	141	76.56	4.3			1.0	2950	1336	2.7		
6.7	360	131.87	1.10	K 47	6P	1.2	2580	1166	3.1		4P
7.2	330	121.48	1.20	KF 47		0.65	4770	2123	0.90		
8.4	285	104.37	1.40	KA 47		0.74	4200	1856	1.00		
9.7	245	90.86	1.60	KAF 47		0.85	3610	1625	1.20		
10	230	85.12	1.75			0.96	3160	1430	1.35		
9.9	240	131.87	1.65	K 47		1.1	2850	1261	1.50	K97 H57	
11	225	121.48	1.80	KF 47	1.2	2490	1102	1.70	KF97 H57		
12	192	104.37	2.1	KA 47	1.4	2160	957	2.0	KA97 H57		
14	167	90.86	2.4	KAF 47	1.6	1930	855	2.2	KAF97 H57		
15	156	85.12	2.6		1.9	1620	743	2.7			
					2.1	1430	652	3.0			
					2.4	1280	573	3.4			

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	
0.37KW						0.37KW						
0.97	3200	1415	0.85			7.2	490	192.18	3.0	K 77	4P	
1.1	2770	1229	0.95			7.7	460	179.37	3.2	KF 77		
1.3	2420	1078	1.10			9.0	395	154.02	3.9	KA 77		
1.5	2110	951	1.30							KAF 77		
1.6	1850	837	1.45	K87 H57	4P	6.3	560	108.03	1.45	K 67	8P	
1.9	1600	726	1.70	KF87 H57		6.6	535	102.32	1.55	KF 67		
2.2	1420	638	1.90	KA87 H57		7.6	470	90.04	1.75	KA 67		
2.5	1240	562	2.2	KAF87 H57						KAF 67		
2.9	1040	474	2.6				7.3	485	123.54	1.70	K 67	6P
3.2	940	426	2.9				8.3	425	108.03	1.95	KF 67	
3.7	810	373	3.3				8.8	405	102.62	2.0	KA 67	
							10	355	90.04	2.3	KAF 67	
1.7	1860	815	0.85		4P	9.5	370	144.79	2.2	K 67	4P	
2.0	1580	709	1.00			11	315	123.54	2.6	KF 67		
2.2	1380	622	1.10			13	275	108.03	3.0	KA 67		
2.5	1230	552	1.25			15	230	90.04	3.6	KAF 67		
2.8	1080	485	1.45			18	196	76.37	4.2			
3.2	950	428	1.60	K77 H37								
3.8	830	367	1.85	KF77 H37								
4.2	735	328	2.1	KA77 H37								
4.8	655	290	2.4	KAF77 H37								
5.5	565	252	2.8									
6.2	495	221	3.1									
7.1	435	195	3.5									
7.9	390	175	4.0									
9.0	340	154	4.5									
3.3	940	420	0.90		4P	7.3	485	123.85	1.25		6P	
3.8	820	361	1.00			8.3	425	108.29	1.40	K 57		
4.3	725	323	1.15			8.8	405	102.88	1.50	KF 57		
4.9	625	279	1.30			10	355	90.26	1.70	KA 57		
5.6	550	246	1.50			12	300	76.56	2.0	KAF 57		
6.3	485	217	1.70	K67 H37								
7.2	430	191	1.90	KF67 H37								
8.3	370	166	2.2	KA67 H37								
9.6	320	144	2.5	KAF67 H37								
11	275	122	3.0									
4.9	625	280	0.95		4P	13	270	69.12	2.2		6P	
5.6	550	246	1.10			9.5	370	145.15	1.60			
6.4	480	215	1.25			11	315	123.85	1.90	K 57		
7.2	430	192	1.40			13	275	108.29	2.2	KF 57		
8.3	370	166	1.60			13	265	102.88	2.3	KA 57		
9.6	325	145	1.85			15	230	90.26	2.6	KAF 57		
11	290	129	2.1			18	196	76.56	3.1			
12	245	111	2.4			20	177	69.12	3.4			
14	215	97	2.8									
3.9	910	174.19	3.0	K 87		8P	8.6	410	104.37	1.00	K 47	6P
4.1	850	164.34	3.2	KF 87	9.9		355	90.86	1.10	KF 47		
4.6	765	147.33	3.5	KA 87	11		335	85.12	1.20	KA 47		
				KAF 87	12	295	75.20	1.35	KAF 47			
4.6	775	197.37	3.5	K 87	6P	10	340	131.87	1.20		4P	
5.2	685	174.19	4.0	KF 87		11	310	121.48	1.30			
				KA 87	13	265	104.37	1.50	K 47			
				KAF 87	15	235	90.86	1.70	KF 47			
5.0	705	135.28	2.2	K 77	16	220	85.12	1.85	KA 47			
5.3	670	128.52	2.3	KF 77	18	193	75.20	2.1	KAF 47			
6.0	590	113.56	2.6	KA 77	20	179	69.84	2.2				
7.0	505	97.05	3.1	KAF 77	22	162	63.30	2.5				
5.8	605	154.02	2.6	K 77	6P	14	250	97.81	0.80			
6.7	530	135.28	2.9	KF 77		16	215	83.69	0.95			
7.0	505	128.52	3.1	KA 77		19	186	72.54	1.10			
7.9	445	113.56	3.5	KAF 77		20	174	67.80	1.15			
						24	150	58.60	1.35			
						28	128	49.79	1.55			
						31	114	44.46	1.75	K 37		
						36	97	37.97	2.1	KF 37		
					39	91	35.57	2.2	KA 37			
					46	77	29.96	2.6	KAF 37			
					48	74	28.83	2.7				
					55	64	24.99	3.1				
					59	60	23.36	3.3				
					68	52	20.19	3.6				
					80	44	17.15	4.1				
					90	39	15.32	4.5				
					105	34	13.08	4.9				

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fs)	Type		Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fs)	Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0.37KW						0.55KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
114	31	12.14	5.1		4P	1.4	3260	951	0.85		4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
132	27	10.49	5.9			155	23	8.91	7.0	K 37		173	20	7.96	7.6	KF 37	203	17	6.80	8.6	KA 37	217	16	6.37	8.9	KAF 37	257	14	5.36	10							0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80		4P	0.10	46500	14272	1.10	K187 H97	0.10	42500	13116	1.20	KA187 H97	0.12	37400	11647	1.35		0.19	23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1						
155	23	8.91	7.0	K 37		173	20	7.96	7.6	KF 37		203	17	6.80	8.6	KA 37	217	16	6.37	8.9	KAF 37	257	14	5.36	10							0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500	14272		1.10	K187 H97	0.10	42500	13116	1.20	KA187 H97	0.12	37400	11647	1.35		0.19	23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1									
173	20	7.96	7.6	KF 37		203	17	6.80	8.6	KA 37		217	16	6.37	8.9	KAF 37	257	14	5.36	10							0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500		14272		1.10	K187 H97	0.10		42500	13116	1.20	KA187 H97	0.12	37400	11647	1.35		0.19	23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1												
203	17	6.80	8.6	KA 37		217	16	6.37	8.9	KAF 37		257	14	5.36	10							0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500		14272		1.10	K187 H97		0.10		42500	13116	1.20		KA187 H97	0.12	37400	11647	1.35		0.19	23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1															
217	16	6.37	8.9	KAF 37		257	14	5.36	10								0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500		14272		1.10	K187 H97		0.10		42500	13116		1.20		KA187 H97	0.12	37400		11647	1.35		0.19	23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																		
257	14	5.36	10									0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500		14272		1.10	K187 H97		0.10		42500	13116		1.20		KA187 H97	0.12	37400	11647		1.35		0.19		23900	7343	2.1		0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																						
						0.55KW												0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P	0.10	46500	14272		1.10		K187 H97	0.10		42500		13116	1.20		KA187 H97		0.12	37400	11647	1.35			0.19	23900	7343		2.1		0.12		38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																											
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0.08	55900	16978	0.90		4P	2.5	1900	552	0.80			4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0.10	46500	14272	1.10	K187 H97		0.10	42500	13116	1.20	KA187 H97	0.12		37400	11647	1.35		0.19	23900	7343	2.1		0.12		38400	11573	0.85		2.8			1670	485	0.95		0.13		33800	10264	0.95			3.2	1470	428	1.05			0.16	28100	8628		1.15	K167 H97	3.7	1270		367	1.20			0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																								
0.10	42500	13116	1.20	KA187 H97		0.12	37400	11647	1.35		0.19		23900	7343	2.1		0.12	38400	11573	0.85		2.8		1670	485	0.95		0.13	33800		10264	0.95		3.2	1470		428	1.05		0.16		28100	8628	1.15	K167 H97		3.7	1270	367	1.20			0.21	21400	6562		1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																															
0.12	37400	11647	1.35			0.19	23900	7343	2.1		0.12		38400	11573	0.85		2.8	1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428		1.05		0.16	28100	8628		1.15	K167 H97	3.7	1270		367	1.20		0.21		21400	6562	1.50	KA167 H97		4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																						
0.19	23900	7343	2.1			0.12	38400	11573	0.85		2.8		1670	485	0.95		0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100	8628		1.15	K167 H97	3.7	1270	367		1.20		0.21	21400		6562	1.50	KA167 H97	4.2		1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																												
0.12	38400	11573	0.85		2.8	1670	485	0.95		0.13	33800		10264	0.95		3.2	1470	428	1.05		0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20			0.21	21400	6562	1.50		KA167 H97	4.2	1130	328		1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																			
0.13	33800	10264	0.95		3.2	1470	428	1.05		0.16	28100		8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35		WK77 H37	0.25	17200	5355	1.85			4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																														
0.16	28100	8628	1.15	K167 H97	3.7	1270	367	1.20		0.21	21400		6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200	5355	1.85		4.7	1000	290	1.55		WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																									
0.21	21400	6562	1.50	KA167 H97	4.2	1130	328	1.35	WK77 H37	0.25	17200		5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																				
0.25	17200	5355	1.85		4.7	1000	290	1.55	WKF77 H37	0.33	13200		4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																														
0.33	13200	4079	2.4		5.4	870	252	1.80	WKA77 H37	0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																									
0.20	22400	6881	0.80	K157 H97	6.2	760	221	2.0	WKA77 H37	0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																			
0.23	19300	5931	0.95	KF157 H97	7.0	670	195	2.3		0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																													
0.34	13000	3979	1.40	KA157 H97	7.8	600	175	2.6		0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																							
0.45	9940	3051	1.80	KAF157 H97	8.8	530	154	2.9		0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																	
0.31	14900	4423	0.85		4.9	960	279	0.85		0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																											
0.35	13000	3889	1.00		5.5	840	246	0.95		0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																					
0.41	11100	3311	1.20		6.2	745	217	1.10	K67 H37	0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																															
0.45	10000	3009	1.30	K127 H77	7.1	660	191	1.25	KF67 H37	0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																									
0.52	8630	2607	1.50	KF127 H77	8.2	570	166	1.45	KA67 H37	0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																			
0.71	6560	1926	2.0	KA127 H77	9.4	495	144	1.65	KAF67 H37	0.77	5980	1757	2.2	KAF127 H77	11	420	122	1.95		0.88	5220	1541	2.5		7.1	660	192	0.90		1.0	4570	1342	2.8		8.2	575	166	1.05	K57 H37	1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																													
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1.2	3990	1177	3.3		9.4	495	145	1.20	KF57 H37	1.3	3490	1025	3.7		11	445	129	1.35	KA57 H37	0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																					
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0.46	10100	2977	0.80		12	380	111	1.60	KAF57 H37	0.52	8770	2599	0.90		14	335	97	1.80		0.59	7690	2286	1.05		3.9	1350	174.19	2.0	K 87	0.70	6520	1939	1.25		4.1	1270	164.34	2.1	KF 87	0.79	5850	1713	1.35		4.6	1140	147.32	2.4	KA 87	0.87	5310	1554	1.50	K107 H77					KAF 87	1.0	4570	1336	1.75	KF107 H77	4.6	1150	197.37	2.3	K 87	1.2	3990	1166	2.0	KA107 H77	5.2	1020	174.19	2.7	KF 87	1.3	3450	1030	2.3	KAF107 H77	5.5	960	164.34	2.8	KA 87	1.5	3000	904	2.7		6.1	860	147.33	3.1	KAF 87	1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																									
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1.7	2700	793	3.0		5.0	1040	135.28	1.50	K 77	2.0	2360	696	3.4		5.3	990	128.52	1.55	KF 77	2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																													
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2.2	2050	615	3.9		6.0	880	113.56	1.75	KA 77	0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																	
0.95	4880	1430	0.90		7.0	750	97.05	2.1	KAF 77	1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																											
1.1	4380	1261	1.00		5.8	900	154.02	1.70	K 77	1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1.2	3820	1102	1.15		6.7	790	135.28	1.95	KF 77	1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1.4	3320	957	1.30		7.0	750	128.52	2.1	KA 77	1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1.6	2960	855	1.45	K97 H57	7.9	665	113.56	2.3	KAF 77	1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1.8	2520	743	1.70	KF97 H57	8.8	595	154.02	2.6	K 77	2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2.1	2220	652	1.95	KA97 H57	10	520	135.28	3.0	KF 77	2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2.4	1970	573	2.2	KAF97 H57	11	495	128.52	3.1	KA 77	2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
2.7	1700	504	2.5		12	440	113.56	3.5	KA 77	3.1	1470	437	2.9		14	375	97.05	4.1	KAF 77	3.6	1300	382	3.3							4.5	1040	305	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole
0.75KW						0.75KW					
4.7	1530	147.32	1.75	K 87	8P	155	46	8.91	3.5	K 37	4P
5.4	1320	126.91	2.0	KF 87		173	41	7.96	3.8	KF 37	
6.0	1200	115.82	2.2	KA 87		203	35	6.80	4.2	KA 37	
6.7	1070	102.71	2.5	KAF 87		217	33	6.37	4.4	KAF 37	
257	28	5.36	5.0	KAF 37							
0.75KW						1.1KW					
5.2	1390	174.19	1.95	K 87	6P	0.15	60700	9363	0.80		4P
5.5	1310	164.34	2.1	KF 87		0.17	52400	8126	0.95		
6.1	1170	147.32	2.3	KA 87		0.19	48300	7343	1.05		
7.1	1010	126.91	2.7	KAF 87		0.21	44300	6747	1.15	K187 H97	
7.0	1020	197.37	2.6	K 87	4P	0.23	39200	5991	1.30	KA187 H97	4P
7.9	900	174.19	3.0	KF 87		0.26	34900	5358	1.45		
8.4	850	164.34	3.2	KA 87		0.29	31200	4817	1.60		
9.4	765	147.32	3.5	KAF 87		0.32	28300	4370	1.75		
0.75KW						1.1KW					
6.7	1080	135.28	1.45		6P	0.26	35000	5355	0.90		4P
7.0	1020	128.52	1.50	K 77		0.29	31200	4788	1.05		
7.9	900	113.56	1.70	KF 77		0.34	26800	4079	1.20		
9.3	770	97.05	2.0	KA 77		0.41	22200	3376	1.45		
10	710	88.97	2.2	KAF 77	0.51	18000	2755	1.80	K167 H97	4P	
9.0	800	154.02	1.95	K 77	0.64	14600	2182	2.2	KA167 H97		
10	700	135.28	2.2	KF 77	0.82	11300	1704	2.8			
11	665	128.52	2.3	KA 77	0.99	9330	1408	3.4			
12	590	113.56	2.6	KA 77		1.1	8560	1296	3.7		
14	505	97.05	3.1	KAF 77							
0.75KW						1.1KW					
11	640	123.54	1.30		4P	0.40	22900	3516	0.80		4P
13	560	108.03	1.45			0.46	20100	3051	0.90		
15	465	90.04	1.75	K 67		0.54	16900	2610	1.05		
18	395	76.37	2.1	KF 67		0.60	15100	2322	1.20	K157 H97	
20	360	68.95	2.3	KA 67	0.84	11000	1659	1.65	KF157 H97	4P	
23	315	60.66	2.6	KAF 67	1.0	8970	1365	2.0	KA157 H97		
24	295	57.28	2.8		1.1	8030	1229	2.2	KAF157 H97		
					1.3	7150	1093	2.5			
					1.5	6160	942	2.9			
					1.6	5550	854	3.2			
0.75KW						1.1KW					
11	645	123.85	0.95		4P	0.73	13100	1926	1.00		4P
13	560	108.29	1.05			0.80	11900	1757	1.10		
13	535	102.88	1.10			0.91	10400	1541	1.25		
15	470	90.26	1.30	K 57		1.0	9100	1342	1.45		
18	395	76.56	1.50	KF 57	1.2	7960	1177	1.65	K127 H77	4P	
20	360	69.12	1.65	KA 57	1.4	6950	1025	1.85	KF127 H77		
23	315	60.81	1.920	KAF 57	1.6	6080	899	2.1	KA127 H77		
24	300	57.42	2.0		1.8	5270	790	2.5	KAF127 H77		
28	255	48.89	2.4		2.0	4740	704	2.7			
28	255	48.89	2.4		2.3	4090	610	3.2			
31	230	44.43	2.6		2.5	3690	549	3.5			
					2.9	3180	477	4.1			
0.75KW						1.1KW					
18	390	75.20	1.00		4P	1.2	7920	1166	1.00		4P
20	365	69.84	1.10			1.4	6920	1030	1.15		
22	330	63.30	1.20			1.5	6050	904	1.30		
24	295	56.83	1.35			1.8	5380	793	1.50		
28	255	48.95	1.55	K 47	2.0	4700	696	1.70	K107 H77	4P	
30	240	46.04	1.65	KF 47	2.3	4120	615	1.95	KF107 H77		
35	205	39.61	1.95	KA 47	2.7	3500	522	2.3	KA107 H77		
39	184	35.39	2.2	KAF 47	3.0	3080	461	2.6	KAF107 H77		
44	162	31.30	2.5		3.4	2720	408	2.9			
					3.8	2450	364	3.3			
					4.4	2140	318	3.7			
0.75KW						1.1KW					
31	230	44.46	0.85		4P	1.9	5030	743	0.85		4P
36	197	37.97	1.00			2.2	4420	652	0.95		
39	185	35.57	1.10			2.4	3910	573	1.10	K97 H57	
46	156	29.96	1.30			2.8	3400	504	1.25	KF97 H57	
48	150	28.83	1.35	K 37	3.2	2940	437	1.45	KA97 H57	4P	
55	130	24.99	1.55	KF 37	3.7	2590	382	1.65	KAF97 H57		
59	121	23.36	1.60	KA 37	4.1	2300	342	1.85			
68	105	20.19	1.75	KAF 37							
80	89	17.15	2.0								
90	80	15.32	2.2								
105	68	13.08	2.4								
114	63	12.14	2.5								
132	54	10.49	2.9								

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed r/min	Output torque N.M	Ratio (i)	Type	Motor pole	
1.1KW						1.1KW					
3.0	3220	474	0.85			58	181	24.05	3.3		
3.3	2890	426	0.95			62	170	22.71	3.5		
3.8	2520	373	1.05	K87	H57	72	145	19.34	4.0		
4.2	2230	330	1.20	KF87	H57	80	132	17.57	4.2		
4.8	1980	294	1.35	KA87	H57	92	114	15.22	4.7	K 57	
5.6	1700	250	1.60	KAF87	H57	106	99	13.25	5.1	KF 57	
5.9	1600	236	1.70			117	90	11.92	4.6	KA 57	
7.0	1360	201	2.0			124	85	11.26	4.9	KAF 57	
						146	72	9.59	5.6		
3.9	2720	176.05	1.60	K	97	161	65	8.71	6.0		
4.4	2370	153.21	1.80	KF	97	186	57	7.55	6.4		
4.8	2170	140.28	2.0	KA	97	213	49	6.57	7.0		
5.5	1910	123.93	2.2	KAF	97						
5.2	2010	176.05	2.1	K	97	25	425	56.83	0.95		
6.0	1750	153.21	2.5	KF	97	29	265	48.95	1.10		
6.6	1600	140.28	2.7	KA	97	30	345	46.04	1.15	K 47	
7.4	1420	123.93	3.0	KAF	97	35	295	39.61	1.35	KF 47	
						40	265	35.39	1.50	KA 47	
						45	235	31.30	1.70	KAF 47	
7.9	1320	176.05	3.3	K	97	48	220	29.32	1.80		
9.1	1150	153.21	3.7	KF	97	54	194	25.91	2.1		
10	1050	140.28	4.1	KA	97	64	164	21.81	2.4		
				KAF	97	72	147	19.58	2.7		
5.3	1990	174.19	1.35	K	87	47	225	29.96	0.90		
5.6	1880	164.34	1.45	KF	87	56	188	24.99	1.05		
6.2	1680	147.33	1.60	KA	87	60	175	23.36	1.10		
7.2	1450	126.91	1.85	KAF	87	69	152	20.19	1.20		
						82	129	17.15	1.40		
8.0	1310	174.19	2.1	K	87	91	115	15.32	1.50	K 37	
8.5	1230	164.34	2.2	KF	87	107	98	13.08	1.70	KF 37	
9.5	1110	147.32	2.4	KA	87	115	91	12.14	1.75	KA 37	
11	950	126.91	2.8	KAF	87	133	79	10.49	2.0	KAF 37	
12	870	115.82	3.1			157	67	8.91	2.4		
						176	60	7.96	2.6		
6.8	1540	135.28	1.00	K	77	206	51	6.80	2.9		
7.2	1470	128.52	1.05	KF	77	220	48	6.37	3.0		
8.1	1300	113.56	1.20	KA	77	261	40	5.36	3.5		
9.5	1110	97.05	1.40	KAF	77						
10	1020	135.28	1.55			1.5KW					
11	960	128.52	1.60			0.21	60700	6747	0.80		
12	850	113.56	1.80	K	77	0.24	53700	5991	0.95		
14	730	97.05	2.1	KF	77	0.26	47900	5358	1.05		
16	670	88.97	2.3	KA	77	0.29	42900	4817	1.15		
18	585	78.07	2.7	KAF	77	0.32	38900	4370	1.30	K187 H97	
19	555	73.99	2.8			0.39	33000	3609	1.50	KA187 H97	
						0.46	27800	3062	1.80		
						0.56	22800	2519	2.2		
						0.62	20400	2268	2.5		
13	810	108.03	1.00			0.35	36700	4079	0.85		
14	770	102.62	1.05			0.42	30400	3376	1.05		
16	675	90.04	1.20			0.51	24700	2755	1.30		
18	575	76.37	1.45			0.65	19900	2182	1.60		
20	515	68.95	1.60	K	67	0.83	15500	1704	2.1	K167 H97	
23	455	60.66	1.80	KF	67	1.0	12800	1408	2.5	KA167 H97	
24	430	57.28	1.90	KA	67	1.1	11800	1296	2.7		
29	365	48.77	2.2	KAF	67						
32	335	44.32	2.5								
36	290	38.39	2.8								
16	675	90.26	0.90			0.61	20700	2322	0.85		
18	575	76.56	1.05			0.85	15100	1659	1.20		
20	520	69.12	1.15			1.0	12300	1365	1.45		
23	455	60.81	1.30			1.1	11100	1229	1.65		
24	430	57.42	1.40	K	57	1.3	11100	1093	1.85	K157 H97	
29	365	48.89	1.65	KF	57	1.5	9840	942	2.1	KF157 H97	
32	335	44.43	1.80	KA	57	1.6	8480	854	2.3	KA157 H97	
36	290	38.49	2.1	KAF	57	2.5	7650	567	3.6	KAF157 H97	
39	270	35.70	2.2			2.8	5050	504	4.0		
46	225	30.28	2.6								
51	205	27.34	2.9								

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole
1.5KW						1.5KW					
2.6	4820	536	2.7	K127 H87	4P	6.2	2290	147.33	1.20	K 87	6P
3.4	3770	418	3.5	KF127 H87		7.2	1980	126.91	1.35	KF 87	
3.8	3330	367	3.9	KA127 H87		7.9	1800	115.82	1.50	KA 87	
				KAF127 H87		9.0	1600	102.71	1.70	KAF 87	
0.80	16200	1757	0.80	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	8.1	1770	174.19	1.55	K 87 KF 87 KA 87 KAF 87	4P
0.91	14200	1541	0.90			8.6	1670	164.34	1.60		
1.0	12400	1342	1.05			9.6	1500	147.32	1.80		
1.2	10900	1177	1.20			11	1290	126.91	2.1		
1.4	9470	1025	1.35			12	1180	115.82	2.3		
1.6	8300	899	1.55			14	1040	102.71	2.6		
1.8	7210	790	1.80			16	880	86.34	3.1		
2.0	6480	704	2.0			8.1	1770	113.56	0.90	K 77	6P
2.3	5590	610	2.3			9.5	1510	97.05	1.05	KF 77	
2.6	5040	549	2.6			10	1390	88.97	1.10	KA 77	
3.0	4360	477	3.0			12	1220	78.07	1.30	KAF 77	
3.4	3840	418	3.4								
1.4	9460	1030	0.85	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	10	1370	135.28	1.15	K 77 KF 77 KA 77 KAF 77	4P
1.6	8280	904	0.95			11	1310	128.52	1.20		
1.8	7330	793	1.10			12	1150	113.56	1.35		
2.0	6420	696	1.25			15	990	97.05	1.55		
2.3	5640	615	1.40			16	900	88.97	1.70		
2.7	4780	522	1.65			18	795	78.07	1.95		
3.1	4210	461	1.90			19	750	73.99	2.1		
3.5	3720	408	2.2			22	660	64.76	2.4		
3.9	3350	364	2.4			24	595	58.34	2.6		
4.4	2920	318	2.7			28	520	51.18	3.0		
						31	460	45.16	3.4		
						35	405	40.04	3.8		
2.5	5320	573	0.80	K97 H57 KF97 H57 KA97 H57 KAF97 H57	4P	16	910	90.04	0.90	K 67 KF 67 KA 67 KAF 67	4P
2.8	4650	504	0.95			18	775	76.37	1.05		
3.2	4020	437	1.05			20	700	68.95	1.15		
3.7	3540	382	1.20			23	615	60.66	1.35		
4.1	3140	342	1.35			25	580	57.28	1.40		
4.6	2820	305	1.50			29	495	48.77	1.65		
5.5	2380	258	1.80			32	450	44.32	1.80		
6.1	2140	232	2.0			37	390	38.39	2.0		
7.1	1840	199	2.3			40	360	35.62	2.3		
						47	305	30.22	2.7		
						52	275	27.28	3.0		
						59	245	24.00	3.3		
4.3	3040	330	0.90	K87 H57 KF87 H57 KA87 H57 KAF87 H57	4P	23	620	60.81	0.95	K 57 KF 57 KA 57 KAF 57	4P
4.8	2700	294	1.00			25	585	57.42	1.05		
5.6	2310	250	1.15			29	495	48.89	1.20		
6.0	2180	236	1.25			32	450	44.43	1.35		
7.0	1860	201	1.45			37	390	38.49	1.55		
7.7	1690	183	1.60			39	365	35.70	1.65		
						47	310	30.28	1.95		
						52	280	27.34	2.2		
4.9	2940	143.47	2.7	K 107	8P	59	245	24.05	2.5	KAF 57	
5.8	2490	121.46	3.2	KF 107		62	230	22.71	2.6		
6.2	2300	112.41	3.5	KA 107		73	196	19.34	2.9		
				KAF 107							
4.6	3140	153.21	1.35	K 97	8P	36	400	39.61	1.00	K 47 KF 47 KA 47 KAF 47	
5.0	2870	140.28	1.50	KF 97		40	360	35.39	1.10		
5.7	2540	123.93	1.70	KA 97		45	320	31.30	1.25		
				KAF 97	48	300	29.32	1.35			
5.2	2740	176.05	1.55	K 97	6P	54	265	25.91	1.50		
6.0	2390	153.21	1.80	KF 97		65	220	21.81	1.80		
6.6	2180	140.28	1.95	KA 97		72	199	19.58	2.0		
7.4	1930	123.93	2.2	KAF 97		84	171	16.86	2.2		
8.0	1790	176.05	2.4	K 97	4P	89	161	15.86	2.4		
9.2	1560	153.21	2.8	KF 97		103	139	13.65	2.6		
10	1430	140.28	3.0	KA 97		116	124	12.19	2.8		
11	1260	123.93	3.4	KAF 97		120	120	11.77	2.3		

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole		
1.5KW						2.2KW							
60	235	23.36	0.80			3.7	5210	382	0.80				
70	205	20.19	0.90			4.1	4640	342	0.95	K97 H57	4P		
82	174	17.15	1.05			4.6	4170	305	1.05	KF97 H57			
92	156	15.32	1.10			5.5	3510	258	1.20	KA97 H57			
108	133	13.08	1.25	K 37	4P	6.1	3160	232	1.35	KAF97 H57			
116	123	12.14	1.30	KF 37		7.1	2710	199	1.60				
134	107	10.49	1.50	KA 37		4.9	4310	143.47	1.85	K 107	8P		
158	91	8.91	1.75	KAF 37		5.8	3650	121.46	2.2	KF 107			
177	81	7.96	1.90			6.2	3370	112.41	2.4	KA 107			
207	69	6.80	2.2		6.9	3020	100.75	2.7	KAF 107				
221	65	6.37	2.2			6.1	3420	153.21	1.25	K 97	6P		
263	55	5.36	2.6			6.7	3140	140.28	1.35	KF 97			
						7.6	2770	123.93	1.55	KA 97			
2.2KW						2.2KW							
0.32	57900	4370	0.85			8.9	2350	105.13	1.85	KAF 97			
0.50	37000	2818	1.35			8.0	2620	176.05	1.65		4P		
0.39	48800	3609	1.00			9.2	2280	153.21	1.90	K 97			
0.46	41300	3062	1.20			10	2090	140.28	2.1	KF 97			
0.56	33800	2519	1.50	K187 H97	4P	11	1850	123.93	2.3	KA 97			
0.62	30400	2268	1.65	KA187 H97		13	1570	105.13	2.8	KAF 97			
0.69	27400	2054	1.80			15	1440	96.80	3.0				
0.77	24200	1821	2.1				9.6	2200	147.32	1.25		4P	
0.88	21400	1605	2.3				11	1890	126.91	1.45			
0.51	36600	2755	0.85			12	1730	115.82	1.55				
0.62	29800	2263	1.05			14	1530	102.71	1.75	K 87			
0.65	29500	2182	1.10			16	1290	86.34	2.1	KF 87			
0.83	22900	1704	1.40	K167 H97	4P	18	1180	79.34	2.3	KA 87			
1.0	19000	1408	1.70	KA167 H97		20	1050	70.46	2.6	KAF 87			
1.1	17400	1296	1.85			22	940	63.00	2.9				
1.3	14700	1101	2.2				12	1690	113.56	0.90			4P
1.5	12600	944	2.5				15	1450	97.05	1.05			
0.85	22400	1659	0.80				16	1330	88.97	1.15			
1.0	18300	1365	1.00	K157 H97		4P	18	1160	78.07	1.35			
1.1	16500	1229	1.10	KF157 H97			19	1100	73.99	1.40			
1.3	14600	1093	1.25	KA157 H97			22	960	64.76	1.60	K 77		
1.5	12600	942	1.45	KAF157 H97			24	870	58.34	1.80	KF 77		
1.6	11400	854	1.60		28		765	51.18	2.0	KA 77			
1.9	9990	756	1.80		31		675	45.16	2.3	KAF 77			
2.6	7180	536	1.80	K127 H87	35		595	40.04	2.6				
3.0	6310	473	2.1	KF127 H87	40		525	35.19	3.0				
3.4	5600	418	2.3	KA127 H87	46		460	30.88	3.4				
3.8	4950	367	2.6	KAF127 H87	48		435	29.26	3.6				
4.3	4440	330	2.9		55	380	25.61	4.1					
1.4	14000	1025	0.95			23	900	60.66	0.90		4P		
1.6	12200	899	1.05			25	850	57.28	0.95				
1.8	10700	790	1.20	K127 H77	4P	29	725	48.77	1.15				
2.0	9580	704	1.35	KF127 H77		32	660	44.32	1.25				
2.3	8280	610	1.55	KA127 H77		37	570	38.39	1.40				
2.6	7460	549	1.75	KAF127 H77		40	530	35.61	1.55				
3.0	6460	477	2.0			47	450	30.21	1.80				
3.4	5680	418	2.3			52	405	27.27	2.0				
2.3	8340	615	0.95				59	360	23.99	2.2		K 67	
2.7	7070	522	1.15				62	340	22.66	2.3		KF 67	
3.1	6230	461	1.30	K107 H77		4P	73	285	19.29	2.6	KA 67		
3.5	5520	408	1.45	KF107 H77			80	260	17.53	2.8	KAF 67		
3.9	4940	364	1.60	KA107 H77	93		225	15.19	3.1				
4.4	4320	318	1.85	KAF107 H77	107		197	13.22	3.4				
4.9	3890	286	2.1		113		186	12.48	2.8				
5.6	3410	251	2.3		146		144	9.66	3.3				
					169		125	8.37	3.5				
					194		109	7.28	3.9				

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fs)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fs)	Type	Motor pole
2.2KW						3.0KW					
32	660	44.43	0.90			1.8	14800	790	0.90		
37	575	38.49	1.05			2.0	13200	704	1.00	B127 H77	
39	530	35.70	1.15			2.3	11400	610	1.15	BF127 H77	4P
47	450	30.28	1.35			2.5	10300	549	1.25	BA127 H77	
52	405	27.34	1.45	B 57		2.9	8920	477	1.45	BAF127 H77	
59	360	24.05	1.65	BF 57	4P	3.3	7840	418	1.65		
62	340	22.71	1.75	BA 57		3.0	8610	461	0.95		
73	290	19.34	2.0	BAF 57		3.4	7620	408	1.05		
80	260	17.57	2.1			3.8	6820	364	1.15		
93	225	15.22	2.4			4.4	5960	318	1.35	B107 H77	4P
106	197	13.25	2.6			4.9	5370	286	1.50	BF107 H77	
118	178	11.92	2.3			5.6	4700	251	1.70	BA107 H77	
125	168	11.26	2.5			6.3	4150	222	1.95	BAF107 H77	
54	385	25.91	1.05			7.1	3670	196	2.2		
65	325	21.81	1.25			8.1	3250	174	2.2		
72	290	19.58	1.35	B 47	4P	9.1	2880	154	2.5		
84	250	16.86	1.50	BF 47		10	2610	140	2.8		
89	235	15.86	1.60	BA 47		5.4	4840	258	0.90	B97 H57	4P
103	205	13.65	1.75	BAF 47		6.0	4360	232	1.00	BF97 H57	
116	182	12.19	1.95			7.0	3740	199	1.15	BA97 H57	
120	175	11.77	1.60							BAF97 H57	
133	157	10.56	1.80			5.0	5710	143.47	1.40	B 107	8P
155	136	9.10	2.1			5.9	4830	121.46	1.65	BF 107	
108	195	13.08	0.85			6.4	4470	112.41	1.80	BA 107	
134	156	10.49	1.00	B 37	4P	7.2	4010	100.75	2.0	BAF 107	
158	133	8.91	1.20	BF 37		7.9	3620	90.96	2.2		
177	119	7.96	1.30	BA 37		6.6	4370	143.47	1.85	B 107	6P
207	101	6.80	1.50	BAF 37		7.7	3700	121.46	2.2	BF 107	
221	95	6.37	1.55			8.4	3430	112.41	2.3	BA 107	
263	80	5.36	1.75			9.3	3070	100.75	2.6	BAF 107	
3.0KW						3.0KW					
0.50	51300	2818	0.95			9.8	2940	143.47	2.7	B 107	4P
0.46	57100	3062	0.90			12	2490	121.46	3.2	BF 107	
0.56	46800	2519	1.05	B187 H97	4P					BA 107	
0.62	42100	2268	1.20	BA187 H97						BAF 107	
0.68	38000	2054	1.30			7.6	3780	123.93	1.15	B 97	6P
0.77	33600	1821	1.50			8.9	3200	105.13	1.35	BF 97	
0.87	29700	1605	1.70			9.7	2950	96.80	1.45	BA 97	
1.0	25600	1395	1.95			11	2640	86.52	1.65	BAF 97	
1.2	22100	1196	2.3			7.9	3600	176.05	1.20		
0.82	31700	1704	1.00			9.1	3140	153.21	1.35		
0.99	26200	1408	1.20			10	2870	140.28	1.50		
1.1	24100	1296	1.35	B167 H97	4P	11	2540	123.93	1.70		
1.3	20300	1101	1.55	BA167 H97		13	2150	105.13	2.0	B 97	4P
1.5	17500	944	1.85			14	1980	96.80	2.2	BF 97	
1.7	15500	843	2.1			16	1770	86.52	2.4	BA 97	
1.9	14000	757	2.3			18	1590	77.89	2.7	BAF 97	
1.1	22800	1229	0.80			20	1440	70.54	3.0		
1.3	20300	1093	0.90	B157 H97	4P	22	1280	62.55	3.4		
1.5	17500	942	1.05	BF157 H97		25	1160	56.55	3.7		
1.6	15800	854	1.15	BA157 H97		9.5	3010	147.33	0.90		
1.9	13900	756	1.30	BAF157 H97		11	2600	126.91	1.05		
2.5	10500	567	1.70			12	2370	115.82	1.15		
2.8	9310	504	1.95			14	2100	102.71	1.30		
2.6	9940	536	1.30	B127 H87	4P	16	1770	86.34	1.55	B 87	4P
3.0	8750	473	1.50	BF127 H87		18	1620	79.34	1.65	BF 87	
3.3	7760	418	1.70	BA127 H87		20	1440	70.46	1.85	BA 87	
3.8	6840	367	1.90	BAF127 H87		22	1290	63.00	2.1		
4.2	6140	330	2.1			25	1160	56.64	2.3		
4.9	5300	287	2.5			28	1010	49.16	2.7		
						32	900	44.02	2.9		
						38	745	36.52	3.3		

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
3.0KW						4.0KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
16	1820	88.97	0.85		4P	1.0	34000	1395	1.45	K187 H97 KA187 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
18	1600	78.07	0.95			19	1510	73.99	1.00				22	1330	64.76	1.15	K 77	24	1190	58.34	1.30	KF 77	27	1050	51.18	1.50	KA 77	31	920	45.16	1.70	KAF 77	35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90	K167 H97 KA167 H97	4P	36	785	38.39	1.00		39	730	35.61	1.15		46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51	560	27.34	1.05		58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																										
19	1510	73.99	1.00			22	1330	64.76	1.15			K 77	24	1190	58.34	1.30	KF 77	27	1050	51.18	1.50	KA 77	31	920	45.16	1.70	KAF 77	35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785			38.39	1.00		39	730	35.61	1.15		46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7		20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97			4P	51	560	27.34	1.05		58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00			4P	2.3	15100			610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157		182	8.91	0.90	K 37			4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835			2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107		0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25															
22	1330	64.76	1.15	K 77		24	1190	58.34	1.30			KF 77	27	1050	51.18	1.50	KA 77	31	920	45.16	1.70	KAF 77	35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00				39	730	35.61	1.15		46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7		20900		854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97					4P	51	560	27.34	1.05		58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58		1.00			4P			2.3	15100			610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119		5.81	1.95		157				182	8.91	0.90	K 37			4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW							1.7	20300	835	2.5			K187 H107		4P	6.7	5710	143.47		1.40	K 107	6P	2.7	12600		520	4.0	KA187 H107	0.56		61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25					
24	1190	58.34	1.30	KF 77		27	1050	51.18	1.50			KA 77	31	920	45.16	1.70	KAF 77	35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00					39			730	35.61	1.15		46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7		20900		854		0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97							4P	51	560	27.34	1.05		58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400		19.58		1.00					4P			2.3	15100			610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58		1.80		241	119				5.81	1.95		157				182	8.91	0.90	K 37			4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7			20300	835	2.5		K187 H107			4P	6.7		5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0	KA187 H107	0.56	61900		2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97
27	1050	51.18	1.50	KA 77		31	920	45.16	1.70	KAF 77	35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90	K167 H97 KA167 H97	4P		36	785	38.39	1.00					39				730	35.61				1.15				46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854		0.85		K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P		51									560	27.34	1.05		58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58		1.00						4P				2.3	15100			610	0.85			K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213		135	6.58	1.80					241	119	5.81	1.95					157	182	8.91				0.90	K 37	4P	3.9			8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7		20300	835	2.5		K187 H107		4P	6.7	5710				143.47	1.40	K 107		6P	2.7	12600	520		4.0	KA187 H107	0.56		61900	2519	0.80			4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00
31	920	45.16	1.70	KAF 77		35	820	40.04	1.90		40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00		39				730	35.61				1.15					46	620	30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854		0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P		51						560				27.34	1.05					58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P		2.3		15100		610	0.85					K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P			83	345					16.86	1.10		88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81				1.95		157	182				8.91	0.90	K 37	4P				3.9	8990		364			0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P			176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7			5710	143.47	1.40		K 107	6P	2.7				12600	520	4.0		KA187 H107	0.56	61900		2519	0.80		4P			8.5	4470	100.75	1.80		KF 107	0.63	55600	2268	0.90		0.69	50300	2054
35	820	40.04	1.90			40	720	35.19	2.2		45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00					39	730	35.61				1.15					46	620		30.21	1.35		51	560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854		0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P		51				560						27.34			1.05		58	490			24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100			610		0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P			83	345					16.86	1.10						88	325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95				157	182	8.91	0.90	K 37				4P	3.9	8990					364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77			4P					176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107		4P	6.7	5710	143.47	1.40	K 107	6P			2.7	12600		520	4.0	KA187 H107	0.56		61900	2519	0.80			4P	8.5				4470	100.75	1.80	KF 107			0.63	55600	2268	0.90		0.69	50300	2054
40	720	35.19	2.2			45	630	30.88	2.5		32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00					39				730	35.61	1.15					46	620		30.21	1.35		51		560	27.27	1.45		58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854		0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P		51				560				27.34						1.05			58	490	24.05	1.20			62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100		610	0.85			K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P						83	345			16.86	1.10		88					325	15.86	1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182			8.91	0.90	K 37	4P	3.9			8990		364	0.90					K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P										176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P		6.7	5710	143.47	1.40			K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P		8.5		4470				100.75	1.80	KF 107				0.63	55600	2268	0.90		0.69	50300	2054
45	630	30.88	2.5			32	910	44.32	0.90		4P	1.0	34600	1408	0.90		K167 H97 KA167 H97	4P	36	785				38.39	1.00					39				730	35.61				1.15		46	620		30.21	1.35		51		560	27.27	1.45			58	490	23.99	1.65		62	465	22.66	1.70	K 67	73	395	19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854		0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P		51				560				27.34				1.05							58	490	24.05	1.20		62	465	22.71	1.30		72	395	19.34	1.45		80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100		610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P											83	345			16.86	1.10		88	325	15.86			1.15		103	280	13.65	1.30		115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90			K 37	4P	3.9		8990			364		0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77				4P												176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107		4P	6.7	5710	143.47	1.40	K 107	6P			2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80			4P	8.5		4470		100.75		1.80	KF 107					0.63	55600	2268	0.90		0.69	50300	2054
32	910	44.32	0.90		4P	1.0	34600	1408	0.90	K167 H97 KA167 H97		4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
36	785	38.39	1.00			39	730	35.61	1.15					46	620				30.21	1.35					51				560	27.27		1.45		58	490	23.99	1.65			62	465	22.66		1.70	K 67	73	395		19.29	1.95	KF 67	80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51	560	27.34	1.05		58	490	24.05	1.20			62	465	22.71		1.30								72				395	19.34	1.45				80		360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15		103	280		13.65	1.30			115					250									12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261		110		5.36			1.30				7.1						4930									199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																						
39	730	35.61	1.15			46	620	30.21	1.35					51	560				27.27	1.45					58		490	23.99	1.65			62	465	22.66	1.70	K 67	73		395	19.29	1.95	KF 67		80	360	17.53	2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51		560	27.34	1.05				58	490	24.05	1.20		62	465	22.71	1.30			72	395	19.34		1.45								80	360	17.57		1.55	K 57	92		310		15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88	325	15.86	1.15		103	280	13.65	1.30		115	250		12.19	1.40			119					240		11.77			1.15	K 47			133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1		4930		199	0.85		5.3	7220	136.35		1.80						K 127									5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268		0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																									
46	620	30.21	1.35			51	560	27.27	1.45					58	490				23.99	1.65			62	465	22.66		1.70	K 67	73	395		19.29	1.95	KF 67	80	360	17.53		2.1	KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51		560	27.34	1.05				58		490	24.05	1.20				62	465	22.71	1.30		72	395	19.34	1.45			80	360	17.57		1.55				K 57	92	310		15.22	1.70	KF 57		106	270	13.25		1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88		325	15.86	1.15				103	280	13.65	1.30		115	250	12.19	1.40		119	240		11.77	1.15		K 47	133					215	10.56	1.30	KF 47	154	186	9.10			1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199	0.85		5.3		7220	136.35	1.80	K 127	5.9	6500	122.67	2.0		KF 127	6.5	5850				110.35									2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69			50300	2054	1.00		K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																															
51	560	27.27	1.45			58	490	23.99	1.65					62	465		22.66	1.70	K 67	73		395	19.29	1.95	KF 67		80	360	17.53	2.1		KA 67	92	310	15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51		560	27.34	1.05				58		490	24.05	1.20				62		465	22.71	1.30				72	395	19.34	1.45		80	360	17.57	1.55	K 57		92	310	15.22		1.70	KF 57	106		270	13.25	1.90		KA 57	117	245		11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88		325	15.86	1.15				103		280	13.65	1.30				115	250	12.19	1.40		119	240	11.77	1.15	K 47	133	215		10.56	1.30		KF 47	154		186	9.10		1.50	KA 47	164	175	8.56	1.55	KAF 47		190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220		130	6.37	1.10	KAF 37			261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127										KAF 127	6.6						5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69		50300	2054		1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97		0.88	39300	1605	1.25																																					
58	490	23.99	1.65			62	465	22.66	1.70	K 67		73	395	19.29	1.95		KF 67	80	360	17.53		2.1	KA 67	92	310		15.19	2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51		560	27.34	1.05				58		490	24.05	1.20				62		465	22.71	1.30				72		395	19.34	1.45				80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57		106	270	13.25		1.90	KA 57	117		245	11.92	1.70		KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86			1.10			88	325	15.86			1.15			103	280	13.65			1.30			115	250	12.19			1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47		154	186		9.10	1.50		KA 47	164		175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364		0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176			163		7.96	0.95	KF 37	206			139		6.80	1.10	KA 37	220			130		6.37	1.10	KAF 37	261			110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127									KAF 127		6.6	5810				146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710		143.47	1.40	K 107	6P			2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470		100.75	1.80	KF 107	0.63		55600	2268		0.90		0.69	50300		2054	1.00		K187 H97	0.78	44500	1821			1.10	KA187 H97	0.88		39300	1605	1.25																																						
62	465	22.66	1.70	K 67		73	395	19.29	1.95	KF 67		80	360	17.53	2.1		KA 67	92	310	15.19		2.2	KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P	51	560	27.34			1.05			58	490	24.05			1.20			62	465	22.71			1.30			72	395	19.34			1.45			80	360	17.57	1.55	K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57		117	245	11.92		1.70	KAF 57	124		230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88			325		15.86	1.15		103			280		13.65	1.30		115			250		12.19	1.40		119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47		164	175		8.56	1.55		KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163		7.96			0.95			KF 37		206	139	6.80	1.10			KA 37		220	130	6.37	1.10			KAF 37	261	110	5.36	1.30				7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127		6.6	5810	146.30				2.2		K 127	7.1		5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520	4.0			KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600		2268	0.90				0.69	50300		2054	1.00	K187 H97	0.78		44500	1821		1.10	KA187 H97	0.88	39300	1605		1.25																																												
73	395	19.29	1.95	KF 67		80	360	17.53	2.1	KA 67		92	310	15.19	2.2		KAF 67	106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P	51	560	27.34				1.05		58			490		24.05	1.20		62			465		22.71	1.30		72			395		19.34	1.45		80	360	17.57	1.55		K 57	92	310	15.22	1.70	KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57		124	230	11.26		1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280	13.65	1.30					115	250	12.19	1.40		119	240		11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47		190	151		7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37		206			139			6.80		1.10	KA 37	220	130			6.37	1.10	KAF 37	261	110	5.36			1.30		7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2		K 127	7.1	5420				136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69		50300	2054		1.00		K187 H97	0.78		44500	1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																		
80	360	17.53	2.1	KA 67		92	310	15.19	2.2	KAF 67		106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P	51	560	27.34				1.05		58				490	24.05	1.20					62	465	22.71	1.30					72	395	19.34	1.45		80	360		17.57	1.55	K 57	92	310	15.22	1.70		KF 57	106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80			146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280			13.65		1.30		115	250	12.19	1.40			119	240	11.77	1.15	K 47	133	215		10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65			213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80		1.10			KA 37			220	130	6.37	1.10	KAF 37	261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35		2.4	KF 127	7.8		4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97		0.78	44500		1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																								
92	310	15.19	2.2	KAF 67		106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P	51	560	27.34				1.05		58				490	24.05	1.20					62	465			22.71		1.30		72	395	19.34	1.45			80	360	17.57	1.55	K 57	92	310		15.22	1.70	KF 57	106	270	13.25	1.90		KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280				13.65	1.30		115	250	12.19		1.40		119	240	11.77	1.15	K 47		133	215	10.56	1.30	KF 47	154	186		9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10				KA 37	220	130	6.37			1.10			KAF 37	261	110	5.36	1.30				7.1	4930	199	0.85		5.3			7220	136.35	1.80	K 127	5.9	6500			122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97	0.88	39300		1605	1.25																																																														
106	270	13.22	2.5		112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85	K157 H97 KF157 H97 KA157 H97 KAF157 H97		4P	51	560	27.34				1.05		58				490	24.05	1.20					62	465				22.71	1.30		72	395	19.34		1.45		80	360	17.57	1.55	K 57		92	310	15.22	1.70	KF 57	106	270		13.25	1.90	KA 57	117	245	11.92	1.70		KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88	325	15.86				1.15		103				280	13.65	1.30			115	250	12.19	1.40		119	240		11.77	1.15	K 47	133	215	10.56	1.30		KF 47	154	186	9.10	1.50	KA 47	164		175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364		0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176				163	7.96	0.95				KF 37	206	139				6.80	1.10	KA 37		220		130	6.37	1.10	KAF 37			261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0			KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7		5710	143.47	1.40	K 107		6P		2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5		4470	100.75	1.80	KF 107			0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500		1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																
112	255	12.48	2.1		132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85		K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51	560				27.34	1.05					58	490	24.05				1.20		62				465	22.71	1.30			72	395	19.34	1.45		80	360		17.57	1.55	K 57	92	310	15.22	1.70		KF 57	106	270	13.25	1.90	KA 57	117		245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88	325				15.86	1.15					103	280	13.65	1.30			115	250	12.19	1.40			119	240	11.77	1.15	K 47	133		215	10.56	1.30	KF 47	154	186	9.10		1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163			7.96				0.95	KF 37	206				139	6.80	1.10		KA 37		220	130	6.37		1.10		KAF 37	261	110	5.36			1.30				7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127	5.9			6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107		0.63	55600	2268				0.90		0.69	50300			2054	1.00	K187 H97	0.78		44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																					
132	220	10.63	2.3		145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85		K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51	560				27.34	1.05					58	490				24.05	1.20					62	465	22.71	1.30			72	395	19.34	1.45			80	360	17.57	1.55	K 57	92		310	15.22	1.70	KF 57	106	270	13.25		1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88				325	15.86	1.15					103	280	13.65		1.30		115	250	12.19		1.40		119	240	11.77		1.15	K 47	133	215	10.56	1.30	KF 47		154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96		0.95			KF 37				206	139	6.80		1.10		KA 37	220	130		6.37		1.10	KAF 37	261		110		5.36	1.30		7.1			4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268				0.90		0.69				50300	2054	1.00	K187 H97		0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																										
145	198	9.66	2.4		46	620	30.28	0.95		4P	1.7	20900	854	0.85		K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	51	560				27.34	1.05					58				490	24.05	1.20					62	465	22.71		1.30		72	395	19.34		1.45		80	360	17.57		1.55	K 57	92	310	15.22	1.70	KF 57		106	270	13.25	1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88				325	15.86				1.15		103	280		13.65	1.30		115	250		12.19	1.40		119	240		11.77	1.15	K 47	133	215		10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95				KF 37		206			139		6.80		1.10	KA 37	220		130		6.37	1.10	KAF 37		261		110	5.36	1.30				7.1	4930	199	0.85						5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69				50300	2054	1.00			K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																															
46	620	30.28	0.95		4P	1.7	20900	854	0.85		K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
51	560	27.34	1.05			58	490	24.05	1.20					62				465	22.71				1.30					72	395	19.34		1.45		80	360	17.57		1.55	K 57	92	310	15.22		1.70	KF 57	106	270	13.25		1.90	KA 57	117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345	16.86	1.10		88	325	15.86	1.15			103	280	13.65	1.30					115				250	12.19				1.40			119	240	11.77	1.15	K 47		133	215	10.56	1.30	KF 47		154	186	9.10	1.50	KA 47		164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37	220	130	6.37		1.10	KAF 37	261	110				5.36	1.30					7.1	4930			199	0.85				5.3		7220		136.35	1.80	K 127		5.9		6500	122.67	2.0		KF 127		6.5	5850	110.35		2.2		KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																	
58	490	24.05	1.20			62	465	22.71	1.30					72				395	19.34				1.45			80	360	17.57	1.55	K 57		92	310	15.22	1.70	KF 57		106	270	13.25	1.90	KA 57		117	245	11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88	325	15.86	1.15		103	280	13.65	1.30			115	250	12.19	1.40					119				240	11.77		1.15	K 47	133	215		10.56	1.30	KF 47	154	186		9.10	1.50	KA 47	164	175		8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37	261	110	5.36		1.30		7.1	4930				199	0.85				5.3	7220	136.35			1.80	K 127	5.9			6500		122.67		2.0	KF 127	6.5		5850		110.35	2.2	KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268		0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																				
62	465	22.71	1.30			72	395	19.34	1.45					80				360	17.57		1.55	K 57	92	310		15.22	1.70	KF 57	106	270		13.25	1.90	KA 57	117	245		11.92	1.70	KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88		325	15.86	1.15				103	280	13.65	1.30		115	250	12.19	1.40			119	240	11.77	1.15				K 47	133		215	10.56	1.30	KF 47		154	186	9.10	1.50		KA 47	164	175	8.56	1.55		KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220	130	6.37	1.10	KAF 37	261	110	5.36	1.30		7.1	4930	199		0.85		5.3	7220	136.35			1.80	K 127	5.9			6500	122.67	2.0			KF 127	6.5	5850			110.35		2.2		KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69			50300	2054	1.00		K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																										
72	395	19.34	1.45			80	360	17.57	1.55				K 57	92		310	15.22	1.70	KF 57		106	270	13.25	1.90		KA 57	117	245	11.92	1.70		KAF 57	124	230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88		325	15.86	1.15				103		280	13.65	1.30				115	250	12.19	1.40		119	240	11.77	1.15	K 47		133	215	10.56	1.30		KF 47	154	186	9.10		1.50	KA 47	164	175		8.56	1.55	KAF 47	190		151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220		130	6.37	1.10	KAF 37			261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0			KF 127	6.5	5850			110.35	2.2	KA 127										KAF 127		6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69		50300	2054		1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																
80	360	17.57	1.55	K 57		92	310	15.22	1.70		KF 57	106	270	13.25		1.90	KA 57	117	245		11.92	1.70	KAF 57	124		230	11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83		345	16.86	1.10				88		325	15.86	1.15				103		280	13.65	1.30				115		250	12.19	1.40				119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47		154	186	9.10	1.50		KA 47	164	175	8.56		1.55	KAF 47	190	151		7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96			0.95		KF 37	206	139	6.80			1.10		KA 37	220	130	6.37			1.10		KAF 37	261	110	5.36			1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850			110.35	2.2	KA 127									KAF 127	6.6			5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600			520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268		0.90			0.69	50300	2054	1.00		K187 H97	0.78		44500	1821	1.10	KA187 H97			0.88	39300	1605		1.25																																																																																																																																			
92	310	15.22	1.70	KF 57		106	270	13.25	1.90		KA 57	117	245	11.92		1.70	KAF 57	124	230		11.26	1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86			1.10			88	325	15.86			1.15			103	280	13.65			1.30			115	250	12.19			1.40			119	240	11.77	1.15	K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47		164	175	8.56	1.55		KAF 47	190	151	7.36		1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206			139		6.80	1.10	KA 37	220			130		6.37	1.10	KAF 37	261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127									KAF 127	6.6	5810			146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520	4.0			KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300		2054	1.00		K187 H97	0.78	44500	1821		1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																										
106	270	13.25	1.90	KA 57		117	245	11.92	1.70		KAF 57	124	230	11.26		1.80		146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88			325		15.86	1.15		103			280		13.65	1.30		115			250		12.19	1.40		119	240	11.77	1.15		K 47	133	215	10.56	1.30	KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47		190	151	7.36	1.65			213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10			KA 37		220	130	6.37	1.10			KAF 37	261	110	5.36	1.30				7.1	4930	199	0.85		5.3			7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127			6.6	5810	146.30			2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78		44500	1821		1.10	KA187 H97	0.88	39300		1605	1.25																																																																																																																																															
117	245	11.92	1.70	KAF 57		124	230	11.26	1.80			146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280	13.65	1.30					115	250	12.19	1.40		119	240		11.77	1.15	K 47	133	215	10.56	1.30		KF 47	154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65			213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10				KA 37	220	130			6.37	1.10	KAF 37	261	110	5.36			1.30		7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127			5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2			K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																																					
124	230	11.26	1.80			146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280			13.65		1.30		115	250	12.19	1.40			119	240	11.77	1.15	K 47	133	215		10.56	1.30	KF 47	154	186	9.10	1.50		KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10				KA 37	220	130		6.37		1.10	KAF 37	261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0			KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97	0.88	39300		1605	1.25																																																																																																																																																											
146	196	9.59	2.1		161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85	K127 H77 KF127 H77 KA127 H77 KAF127 H77		4P	83	345	16.86				1.10		88				325	15.86	1.15					103	280				13.65	1.30		115	250	12.19		1.40		119	240	11.77	1.15	K 47		133	215	10.56	1.30	KF 47	154	186		9.10	1.50	KA 47	164	175	8.56	1.55		KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95	KF 37				206	139	6.80				1.10	KA 37	220		130		6.37	1.10	KAF 37		261		110	5.36	1.30				7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127	5.9			6500	122.67	2.0	KF 127	6.5	5850			110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710		143.47	1.40	K 107	6P		2.7		12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470		100.75	1.80	KF 107	0.63			55600	2268	0.90				0.69	50300	2054	1.00			K187 H97	0.78	44500	1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																														
161	178	8.71	2.2		186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88	325	15.86				1.15		103				280	13.65	1.30			115	250	12.19	1.40		119	240		11.77	1.15	K 47	133	215	10.56	1.30		KF 47	154	186	9.10	1.50	KA 47	164		175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95				KF 37	206	139				6.80	1.10	KA 37		220		130	6.37	1.10		KAF 37		261	110	5.36		1.30			7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0			KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63		55600	2268		0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500		1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																			
186	154	7.55	2.4		213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88	325				15.86	1.15					103	280	13.65	1.30			115	250	12.19	1.40			119	240	11.77	1.15	K 47	133		215	10.56	1.30	KF 47	154	186	9.10		1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95				KF 37	206				139	6.80	1.10		KA 37		220	130	6.37		1.10		KAF 37	261	110		5.36		1.30		7.1		4930		199	0.85				5.3	7220	136.35	1.80	K 127	5.9			6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90			0.69		50300			2054	1.00	K187 H97	0.78		44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																								
213	134	6.57	2.6		72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	83	345				16.86	1.10					88				325	15.86	1.15					103	280	13.65		1.30		115	250	12.19		1.40		119	240	11.77		1.15	K 47	133	215	10.56	1.30	KF 47		154	186	9.10	1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95				KF 37	206				139	6.80		1.10		KA 37	220	130		6.37		1.10	KAF 37	261		110		5.36	1.30			7.1		4930	199	0.85				5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300		2054	1.00		K187 H97		0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																													
72	400	19.58	1.00		4P	2.3	15100	610	0.85		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
83	345	16.86	1.10			88	325	15.86	1.15					103				280	13.65				1.30					115	250	12.19		1.40		119	240	11.77		1.15	K 47	133	215	10.56		1.30	KF 47	154	186	9.10		1.50	KA 47	164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163	7.96	0.95	KF 37	206	139	6.80	1.10	KA 37		220	130	6.37	1.10				KAF 37	261				110	5.36	1.30				7.1	4930			199	0.85				5.3	7220	136.35		1.80		K 127	5.9	6500		122.67		2.0	KF 127	6.5		5850		110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300		1605	1.25																																																																																																																																																																																																											
88	325	15.86	1.15			103	280	13.65	1.30					115				250	12.19				1.40			119	240	11.77	1.15	K 47		133	215	10.56	1.30	KF 47		154	186	9.10	1.50	KA 47		164	175	8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206	139	6.80	1.10	KA 37	220	130	6.37	1.10	KAF 37		261	110	5.36	1.30					7.1	4930			199	0.85				5.3	7220	136.35			1.80	K 127		5.9		6500	122.67	2.0		KF 127		6.5	5850	110.35		2.2		KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268		0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																															
103	280	13.65	1.30			115	250	12.19	1.40					119				240	11.77		1.15	K 47	133	215		10.56	1.30	KF 47	154	186		9.10	1.50	KA 47	164	175		8.56	1.55	KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220	130	6.37	1.10	KAF 37	261	110	5.36	1.30			7.1	4930	199	0.85				5.3	7220	136.35			1.80	K 127	5.9			6500	122.67	2.0			KF 127	6.5		5850		110.35	2.2	KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69			50300	2054	1.00		K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																					
115	250	12.19	1.40			119	240	11.77	1.15				K 47	133		215	10.56	1.30	KF 47		154	186	9.10	1.50		KA 47	164	175	8.56	1.55		KAF 47	190	151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220		130	6.37	1.10	KAF 37			261	110	5.36	1.30		7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9			6500	122.67	2.0			KF 127	6.5	5850			110.35	2.2	KA 127									KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69		50300	2054		1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																																																																																																											
119	240	11.77	1.15	K 47		133	215	10.56	1.30		KF 47	154	186	9.10		1.50	KA 47	164	175		8.56	1.55	KAF 47	190		151	7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176		163	7.96	0.95	KF 37			206		139	6.80	1.10	KA 37			220		130	6.37	1.10	KAF 37			261		110	5.36	1.30				7.1	4930	199	0.85		5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5			5850	110.35	2.2			KA 127							KAF 127			6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P		2.7	12600	520	4.0			KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63		55600	2268	0.90			0.69	50300		2054	1.00	K187 H97	0.78		44500	1821		1.10	KA187 H97	0.88	39300			1605	1.25																																																																																																																																																																																																																																	
133	215	10.56	1.30	KF 47		154	186	9.10	1.50		KA 47	164	175	8.56		1.55	KAF 47	190	151		7.36	1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96			0.95		KF 37	206	139	6.80			1.10		KA 37	220	130	6.37			1.10		KAF 37	261	110	5.36			1.30		7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127									KAF 127	6.6			5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054	1.00		K187 H97	0.78		44500	1821	1.10	KA187 H97		0.88	39300		1605	1.25																																																																																																																																																																																																																																							
154	186	9.10	1.50	KA 47		164	175	8.56	1.55		KAF 47	190	151	7.36		1.65		213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206			139		6.80	1.10	KA 37	220			130		6.37	1.10	KAF 37	261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127							KAF 127	6.6	5810			146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054		1.00		K187 H97	0.78	44500	1821		1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																																																																																																																													
164	175	8.56	1.55	KAF 47		190	151	7.36	1.65			213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10			KA 37		220	130	6.37	1.10			KAF 37	261	110	5.36	1.30				7.1	4930	199	0.85		5.3			7220	136.35	1.80	K 127	5.9	6500			122.67	2.0	KF 127	6.5	5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30			2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500		1821		1.10	KA187 H97	0.88	39300		1605	1.25																																																																																																																																																																																																																																																		
190	151	7.36	1.65			213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10				KA 37	220	130			6.37	1.10	KAF 37	261	110	5.36			1.30		7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127			5.9	6500	122.67	2.0	KF 127	6.5			5850	110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107		6P	2.7	12600	520		4.0		KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107		0.63	55600	2268	0.90				0.69	50300	2054			1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97	0.88		39300	1605	1.25																																																																																																																																																																																																																																																								
213	135	6.58	1.80		241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90	K107 H77 KF107 H77 KA107 H77 KAF107 H77		4P	176	163	7.96				0.95	KF 37	206				139	6.80	1.10				KA 37	220	130		6.37		1.10	KAF 37	261			110	5.36	1.30		7.1	4930			199	0.85		5.3	7220	136.35			1.80	K 127	5.9	6500	122.67	2.0			KF 127	6.5	5850	110.35	2.2	KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47		1.40	K 107	6P	2.7		12600		520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75		1.80	KF 107	0.63	55600			2268	0.90		0.69			50300	2054	1.00	K187 H97			0.78	44500	1821	1.10		KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																												
241	119	5.81	1.95		157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	176	163				7.96	0.95	KF 37				206	139	6.80				1.10	KA 37	220		130		6.37	1.10	KAF 37		261		110	5.36	1.30				7.1	4930	199	0.85				5.3	7220	136.35	1.80	K 127	5.9			6500	122.67	2.0	KF 127	6.5	5850			110.35	2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600		2268		0.90				0.69	50300	2054	1.00			K187 H97	0.78	44500	1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																	
157	182	8.91	0.90	K 37	4P	3.9	8990	364	0.90		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
176	163	7.96	0.95	KF 37		206	139	6.80	1.10				KA 37	220				130	6.37				1.10	KAF 37	261		110		5.36	1.30			7.1		4930	199	0.85				5.3	7220	136.35		1.80		K 127	5.9	6500			122.67	2.0	KF 127	6.5	5850	110.35			2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7	12600	520	4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10		KA187 H97	0.88	39300	1605			1.25																																																																																																																																																																																																																																																																																										
206	139	6.80	1.10	KA 37		220	130	6.37	1.10				KAF 37	261				110	5.36		1.30			7.1	4930		199		0.85		5.3		7220		136.35	1.80	K 127		5.9		6500	122.67	2.0		KF 127		6.5	5850	110.35			2.2	KA 127					KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268		0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300		1605	1.25																																																																																																																																																																																																																																																																																															
220	130	6.37	1.10	KAF 37		261	110	5.36	1.30					7.1	4930			199	0.85				5.3	7220	136.35		1.80		K 127	5.9	6500		122.67		2.0	KF 127	6.5		5850		110.35	2.2	KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69			50300	2054	1.00		K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																						
261	110	5.36	1.30			7.1	4930	199	0.85				5.3	7220	136.35			1.80	K 127		5.9		6500	122.67	2.0		KF 127		6.5	5850	110.35		2.2		KA 127							KAF 127	6.6	5810	146.30	2.2	K 127	7.1	5420	136.35	2.4	KF 127	7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40	K 107	6P	2.7		12600	520	4.0	KA187 H107			0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80	KF 107	0.63	55600		2268	0.90		0.69		50300	2054		1.00	K187 H97	0.78	44500			1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																												
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7.8	4870	122.67	2.7	KA 127	8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69		50300		2054	1.00	K187 H97	0.78		44500		1821	1.10	KA187 H97	0.88		39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																															
8.7	4380	110.35	3.0	KAF 127	6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300	2054	1.00		K187 H97		0.78	44500	1821	1.10		KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																				
6.4	5960	112.41	1.35	K 107	7.2	5340	100.75	1.50	KF 107	7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300	2054	1.00			K187 H97	0.78	44500		1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																									
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7.9	4830	90.96	1.65	KA 107	8.7	4380	82.61	1.85	KAF 107	6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300	2054	1.00			K187 H97	0.78	44500	1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																																			
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6.7	5710	143.47	1.40	K 107	7.9	4830	121.46	1.65	KF 107	8.5	4470	100.75	1.80	KA 107	9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300	2054	1.00			K187 H97	0.78	44500	1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																																													
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9.5	4010	112.41	2.0	KA 107	11	3620	90.96	2.2	KAF 107	4.0KW						4.0KW						1.7	20300	835	2.5	K187 H107	4P	6.7	5710	143.47	1.40		K 107	6P	2.7	12600	520			4.0	KA187 H107	0.56	61900	2519	0.80		4P	8.5	4470	100.75	1.80		KF 107	0.63	55600	2268			0.90		0.69			50300	2054	1.00			K187 H97	0.78	44500	1821		1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																																																												
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2.7	12600	520	4.0	KA187 H107		0.56	61900	2519	0.80				4P	8.5	4470	100.75	1.80	KF 107	0.63	55600	2268	0.90		0.69	50300	2054	1.00	K187 H97	0.78	44500	1821	1.10	KA187 H97	0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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0.63	55600	2268	0.90			0.69	50300	2054	1.00		K187 H97	0.78		44500	1821	1.10	KA187 H97		0.88	39300	1605	1.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4.0KW						5.5KW																																																																																																																																																																																																																																																																																																																																																																																																																																																													
9.9	3860	143.47	2.1		4P	0.79	61100	1821	0.80	K187 H97 KA187 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																								
12	3270	121.46	2.5			13	3020	112.41	2.7				14	2710	100.75	3.0	K 107	16	2450	90.96	3.3	KF 107	17	2220	82.61	3.6	KA 107	19	1970	73.30	4.1	KAF 107	9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85	K167 H97 KA167 H97	4P	10	3770	140.28	1.15		11	3330	123.93	1.30	K 97	14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																															
13	3020	112.41	2.7			14	2710	100.75	3.0			K 107	16	2450	90.96	3.3	KF 107	17	2220	82.61	3.6	KA 107	19	1970	73.30	4.1	KAF 107	9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85		K167 H97 KA167 H97	4P	10	3770			140.28	1.15		11	3330	123.93	1.30	K 97	14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2		22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97			4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90			4P	3.4	14100			418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47		810	30.21	1.00				4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28		2.1		59	645			24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																		
14	2710	100.75	3.0	K 107		16	2450	90.96	3.3			KF 107	17	2220	82.61	3.6	KA 107	19	1970	73.30	4.1	KAF 107	9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85		K167 H97 KA167 H97	4P	10	3770				140.28	1.15				11	3330	123.93	1.30	K 97	14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2		22100		661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97					4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76		0.90			4P			3.4	14100			418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545		20.24	2.8		47				810	30.21	1.00				4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170		225	8.37	1.95				195	196	7.28		2.1		59	645			24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55			163	235	8.71	1.65				188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																					
16	2450	90.96	3.3	KF 107		17	2220	82.61	3.6			KA 107	19	1970	73.30	4.1	KAF 107	9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85		K167 H97 KA167 H97	4P	10	3770				140.28	1.15					11			3330	123.93	1.30	K 97	14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2		22100		661		0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97							4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740		64.76		0.90					4P			3.4	14100			418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08		2.5		70	545				20.24	2.8		47				810	30.21	1.00				4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75			147	260	9.66			1.85		170		225	8.37	1.95				195	196	7.28		2.1		59	645			24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57		126	305	11.26	1.35			KAF 57	148	260	9.59	1.55			163	235	8.71	1.65				188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																								
17	2220	82.61	3.6	KA 107		19	1970	73.30	4.1			KAF 107	9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85		K167 H97 KA167 H97	4P	10	3770				140.28	1.15					11				3330	123.93			1.30	K 97	14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2		22100		661		0.80		K157 H97 KF157 H97 KA157 H97 KAF157 H97									4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22		1740		64.76				0.90					4P			3.4	14100			418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2			62	620	23.08				2.5		70	545				20.24	2.8		47				810	30.21	1.00				4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335		12.48	1.60		134			285	10.63	1.75			147	260	9.66			1.85		170		225	8.37	1.95				195	196	7.28		2.1		59	645			24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57		107	355	13.25	1.45			KF 57	119	320	11.92	1.30	KA 57		126	305	11.26	1.35			KAF 57	148	260	9.59	1.55			163	235	8.71	1.65				188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6											
19	1970	73.30	4.1	KAF 107		9.3	4120	153.21	1.05				4P	1.3	36900	1101	0.85		K167 H97 KA167 H97	4P	10	3770				140.28	1.15					11				3330	123.93				1.30	K 97			14	2830	105.13	1.50	KF 97	15	2600	96.80	1.65	KA 97	16	2330	86.52	1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2		22100		661		0.80		K157 H97 KF157 H97 KA157 H97 KAF157 H97												4P	14	2760	102.71	1.00		16	2320	86.34	1.15		18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5			22		1740				64.76				0.90					4P			3.4	14100			418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15		31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95			55	690	25.61	2.2					62	620	23.08				2.5		70	545				20.24	2.8		47				810	30.21	1.00				4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67		107	355	13.22	1.90			KAF 67	114	335		12.48	1.60		134			285	10.63	1.75			147	260	9.66			1.85		170		225	8.37	1.95				195	196	7.28		2.1		59	645			24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10			81	475	17.57	1.15				93	410	15.22	1.30	K 57		107	355	13.25	1.45			KF 57	119	320	11.92	1.30	KA 57		126	305	11.26	1.35			KAF 57	148	260	9.59	1.55			163	235	8.71	1.65				188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030
9.3	4120	153.21	1.05		4P	1.3	36900	1101	0.85	K167 H97 KA167 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																								
10	3770	140.28	1.15			11	3330	123.93	1.30			K 97		14	2830	105.13	1.50				KF 97	15				2600	96.80				1.65	KA 97				16	2330	86.52			1.85	KAF 97	18	2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14	2760	102.71	1.00		16	2320	86.34	1.15			18		2130		79.34		1.25			K 87					20	1900						70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380		51.18		1.15		31				1210				45.16				1.30				35	1080			40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222		1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52				735	27.27	1.10					59	645	23.99	1.25					63	610	22.66				1.30		74	520			19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196		7.28	2.1		59			645	24.05	0.95			4P	7.1	7450			136.35	1.75	K 127 KF 127 KA 127 KAF 127		6P	63	610	22.71			1.00		73		520	19.34	1.10				81	475	17.57		1.15		93	410			15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55			163	235	8.71	1.65				188	205	7.55	1.80			216	177	6.57	1.95				8.5	6150	112.41	1.30	K 107		4P	10	5270	143.47			1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75		1.45	KF 107	11	4980			90.96	1.60	KA 107	12	4520	82.61		1.75	KAF 107	13	4130			112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6															
11	3330	123.93	1.30	K 97		14	2830	105.13	1.50			KF 97		15	2600	96.80	1.65				KA 97	16				2330	86.52				1.85	KAF 97	18			2100	77.89	2.0		20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16	2320	86.34	1.15		18	2130	79.34	1.25	K 87		20		1900		70.46		1.40	KF 87		23				1690	63.00	1.60	KA 87					25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28	1380	51.18	1.15		31	1210	45.16	1.30			35	1080		40.04	1.45	K 77				37				1030	38.39			1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10		59			645	23.99	1.25			63	610	22.66				1.30		74	520				19.29	1.45	K 67	81				470	17.53	1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71		1.00			73			520	19.34				1.10		81			475	17.57	1.15			93	410	15.22			1.30	K 57	107		355	13.25	1.45	KF 57			119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P		10	5270	143.47	1.50			K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45			KF 107	11	4980			90.96			1.60	KA 107	12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14		3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																							
14	2830	105.13	1.50	KF 97		15	2600	96.80	1.65			KA 97		16	2330	86.52	1.85				KAF 97	18				2100	77.89	2.0				20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16		2320	86.34	1.15				18	2130	79.34	1.25	K 87	20	1900	70.46	1.40	KF 87		23		1690		63.00	1.60	KA 87	25		1520			56.64	1.75	KAF 87	29	1320	49.16				2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31	1210	45.16	1.30		35	1080	40.04	1.45	K 77	37	1030	38.39		1.45	KF 77	40		950	35.19	1.65				KA 77	46			830	30.88			1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25		63			610	22.66	1.30		74	520	19.29	1.45	K 67	81		470	17.53	1.55	KF 67				94	410	15.19	1.70				KA 67	107	355	13.22			1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73	520	19.34	1.10			81	475	17.57	1.15		93				410	15.22	1.30			K 57	107	355		13.25	1.45	KF 57	119			320	11.92	1.30		KA 57	126	305	11.26			1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107	11	4980	90.96			1.60	KA 107	12	4520			82.61	1.75	KAF 107			13			4130	112.41	1.95			14	3700	100.75			2.2		16	3340	90.96	2.4			17	3030	82.61			2.6																															
15	2600	96.80	1.65	KA 97		16	2330	86.52	1.85			KAF 97		18	2100	77.89	2.0					20	1900			70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16		2320	86.34	1.15				18		2130	79.34	1.25	K 87			20	1900	70.46	1.40	KF 87	23	1690	63.00	1.60	KA 87		25		1520	56.64	1.75	KAF 87	29	1320		49.16		2.0		32	1180	44.02	2.2		39			980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830		30.88	1.85	KAF 77		49	785	29.26	1.95				55			690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30		74			520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22		1.90	KAF 67	114	335				12.48	1.60		134			285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81	475	17.57	1.15			93	410	15.22	1.30	K 57	107		355		13.25	1.45	KF 57	119	320	11.92	1.30	KA 57		126	305	11.26	1.35			KAF 57	148	260		9.59	1.55		163			235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107	12	4520	82.61			1.75	KAF 107	13	4130	112.41		1.95		14	3700	100.75	2.2				16	3340		90.96	2.4		17			3030	82.61	2.6																																										
16	2330	86.52	1.85	KAF 97		18	2100	77.89	2.0					20	1900	70.54	2.3				12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16		2320	86.34	1.15				18		2130	79.34	1.25	K 87			20		1900	70.46	1.40	KF 87			23	1690	63.00	1.60	KA 87	25	1520	56.64	1.75	KAF 87		29	1320	49.16	2.0		32	1180	44.02		2.2		39	980	36.52	2.5		22	1740	64.76	0.90			4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35		1080	40.04	1.45	K 77			37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55		690	25.61	2.2		62	620	23.08	2.5				70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67	81			470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75			147	260	9.66	1.85				170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57		107	355	13.25	1.45	KF 57	119		320		11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65			188	205	7.55	1.80				216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107	13	4130	112.41			1.95		14	3700	100.75		2.2		16	3340	90.96	2.4				17	3030	82.61	2.6																																																		
18	2100	77.89	2.0			20	1900	70.54	2.3				12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16		2320	86.34	1.15				18		2130	79.34	1.25	K 87			20		1900	70.46	1.40	KF 87			23		1690	63.00	1.60	KA 87			25	1520	56.64	1.75	KAF 87	29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35		1080	40.04	1.45	K 77			37		1030	38.39	1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81		470	17.53	1.55	KF 67	94			410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107	355	13.25	1.45	KF 57		119	320	11.92	1.30	KA 57	126		305		11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95		14	3700	100.75			2.2		16	3340	90.96		2.4		17	3030	82.61	2.6																																																									
20	1900	70.54	2.3		12	3120	115.82	0.85		4P	2.2	22100	661	0.80	K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P	14		2760	102.71	1.00				16		2320	86.34	1.15				18		2130	79.34	1.25	K 87			20		1900	70.46	1.40	KF 87			23		1690	63.00	1.60	KA 87			25		1520	56.64	1.75	KAF 87			29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570			58.34		1.00		28	1380			51.18		1.15		31	1210			45.16		1.30		35	1080			40.04		1.45	K 77	37	1030			38.39		1.45	KF 77	40	950			35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4		7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77			4P		52	735	27.27	1.10					59	645	23.99	1.25					63	610	22.66	1.30					74	520	19.29	1.45			K 67		81	470	17.53	1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95			4P	7.1	7450			136.35		1.75	K 127 KF 127 KA 127 KAF 127	6P	63			610		22.71	1.00		73			520		19.34	1.10		81			475		17.57	1.15		93			410	15.22	1.30	K 57	107		355	13.25	1.45	KF 57	119	320		11.92		1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5		6150	112.41	1.30	K 107			4P		10	5270	143.47	1.50			K 107 KF 107 KA 107 KAF 107		4P	9.5	5510	100.75			1.45		KF 107	11	4980	90.96			1.60		KA 107	12	4520	82.61	1.75	KAF 107	13			4130	112.41	1.95		14		3700	100.75	2.2		16	3340			90.96	2.4		17	3030	82.61	2.6																																																
12	3120	115.82	0.85		4P	2.2	22100	661	0.80		K157 H97 KF157 H97 KA157 H97 KAF157 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
14	2760	102.71	1.00			16	2320	86.34	1.15					18			2130		79.34	1.25	K 87	20			1900		70.46	1.40	KF 87	23			1690		63.00	1.60	KA 87	25			1520		56.64	1.75	KAF 87	29			1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570	58.34	1.00		28	1380	51.18	1.15			31	1210	45.16	1.30					35			1080		40.04	1.45	K 77	37			1030		38.39	1.45	KF 77	40			950		35.19	1.65	KA 77	46			830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25		63	610	22.66		1.30			74	520						19.29	1.45	K 67	81			470		17.53	1.55	KF 67	94			410		15.19	1.70	KA 67	107			355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57	1.15			93		410	15.22			1.30		K 57			107			355		13.25	1.45	KF 57	119			320		11.92	1.30	KA 57	126			305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107		13	4130	112.41	1.95						14	3700	100.75						2.2		16			3340		90.96	2.4		17			3030	82.61	2.6																																																																													
16	2320	86.34	1.15			18	2130	79.34	1.25				K 87	20			1900		70.46	1.40	KF 87	23			1690		63.00	1.60	KA 87	25			1520		56.64	1.75	KAF 87	29			1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28	1380	51.18	1.15		31	1210	45.16	1.30			35	1080	40.04	1.45				K 77	37			1030		38.39	1.45	KF 77	40			950		35.19	1.65	KA 77	46			830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59	645	23.99	1.25		63	610	22.66	1.30		74	520	19.29		1.45		K 67	81	470						17.53	1.55	KF 67	94			410		15.19	1.70	KA 67	107			355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22	1.30	K 57		107		355	13.25			1.45		KF 57			119			320		11.92	1.30	KA 57	126			305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95			14	3700	100.75	2.2						16	3340	90.96						2.4		17			3030	82.61	2.6																																																																																					
18	2130	79.34	1.25	K 87		20	1900	70.46	1.40				KF 87	23			1690		63.00	1.60	KA 87	25			1520		56.64	1.75	KAF 87	29			1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31	1210	45.16	1.30		35	1080	40.04	1.45	K 77		37	1030	38.39	1.45				KF 77	40			950		35.19	1.65	KA 77	46			830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63	610	22.66	1.30		74	520	19.29	1.45	K 67	81	470	17.53		1.55		KF 67	94	410						15.19	1.70	KA 67	107			355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57		119		320	11.92			1.30		KA 57			126			305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2			16	3340	90.96	2.4						17	3030	82.61				2.6																																																																																														
20	1900	70.46	1.40	KF 87		23	1690	63.00	1.60				KA 87	25			1520		56.64	1.75	KAF 87	29			1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35	1080	40.04	1.45	K 77	37	1030	38.39	1.45	KF 77		40	950	35.19	1.65				KA 77	46			830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19		1.70		KA 67	107	355					13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57		126		305	11.26			1.35	KAF 57	148			260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4			17	3030	82.61	2.6																																																																																																										
23	1690	63.00	1.60	KA 87		25	1520	56.64	1.75				KAF 87	29			1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35		1080	40.04	1.45	K 77			37	1030	38.39	1.45	KF 77	40	950	35.19	1.65	KA 77		46	830	30.88	1.85	KAF 77			49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22		1.90	KAF 67	114	335	12.48		1.60			134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260		9.59	1.55		163	235	8.71	1.65				188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																
25	1520	56.64	1.75	KAF 87		29	1320	49.16	2.0				32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35		1080	40.04	1.45	K 77			37		1030	38.39	1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81		470	17.53	1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107		355	13.25	1.45	KF 57			119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14		3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																					
29	1320	49.16	2.0		32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90	K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24		1570	58.34	1.00				28		1380	51.18	1.15				31		1210	45.16	1.30				35		1080	40.04	1.45	K 77			37		1030	38.39	1.45	KF 77			40		950	35.19	1.65	KA 77			46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735			27.27		1.10		59	645			23.99		1.25		63	610			22.66		1.30		74	520			19.29		1.45	K 67	81	470			17.53		1.55	KF 67	94	410			15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1		7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127			6P		63	610	22.71	1.00					73	520	19.34	1.10					81	475	17.57	1.15					93	410	15.22	1.30			K 57		107	355	13.25	1.45			KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30		K 107	4P	10	5270			143.47		1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5			5510		100.75	1.45	KF 107	11			4980		90.96	1.60	KA 107	12			4520		82.61	1.75	KAF 107	13			4130		112.41	1.95		14			3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																	
32	1180	44.02	2.2		39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570			58.34		1.00		28	1380			51.18		1.15		31	1210			45.16		1.30		35	1080			40.04		1.45	K 77	37	1030			38.39		1.45	KF 77	40	950			35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735				27.27	1.10					59	645	23.99	1.25					63	610	22.66	1.30					74	520	19.29	1.45			K 67		81	470	17.53	1.55			KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127		6P	63	610						22.71	1.00		73			520		19.34	1.10		81			475		17.57	1.15		93			410		15.22	1.30	K 57	107			355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47		1.50		K 107 KF 107 KA 107 KAF 107	4P			9.5		5510			100.75			1.45		KF 107	11	4980	90.96			1.60		KA 107	12	4520	82.61			1.75		KAF 107	13	4130	112.41			1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																						
39	980	36.52	2.5		22	1740	64.76	0.90		4P	3.4	14100	418	0.90		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P	24	1570				58.34	1.00					28	1380	51.18	1.15					31	1210	45.16	1.30					35	1080	40.04	1.45			K 77		37	1030	38.39	1.45			KF 77	40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735				27.27	1.10					59			645		23.99	1.25		63			610		22.66	1.30		74			520		19.29	1.45	K 67	81			470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610					22.71	1.00							73	520	19.34			1.10			81	475	17.57			1.15			93	410	15.22			1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5		5510						100.75		1.45			KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																											
22	1740	64.76	0.90		4P	3.4	14100	418	0.90		K127 H77 KF127 H77 KA127 H77 KAF127 H77	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
24	1570	58.34	1.00			28	1380	51.18	1.15					31				1210	45.16				1.30				35		1080	40.04	1.45	K 77			37		1030	38.39	1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735	27.27	1.10		59	645	23.99	1.25			63	610	22.66	1.30					74				520	19.29				1.45	K 67			81		470	17.53	1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10		81	475	17.57		1.15		93	410				15.22	1.30					K 57	107						355	13.25	1.45	KF 57			119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13		4130	112.41	1.95					14		3700						100.75		2.2						16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																					
28	1380	51.18	1.15			31	1210	45.16	1.30					35				1080	40.04				1.45	K 77			37		1030	38.39	1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59	645	23.99	1.25		63	610	22.66	1.30			74	520	19.29	1.45				K 67	81				470	17.53				1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73	520	19.34	1.10		81	475	17.57	1.15		93	410	15.22		1.30	K 57	107	355				13.25	1.45					KF 57	119					320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14		3700	100.75	2.2					16		3340						90.96	2.4				17	3030	82.61	2.6																																																																																																																																																													
31	1210	45.16	1.30			35	1080	40.04	1.45				K 77	37				1030	38.39				1.45	KF 77			40	950	35.19	1.65	KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63	610	22.66	1.30		74	520	19.29	1.45	K 67		81	470	17.53	1.55				KF 67	94				410	15.19	1.70			KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81	475	17.57	1.15		93	410	15.22	1.30	K 57	107	355	13.25		1.45	KF 57	119	320				11.92	1.30			KA 57		126	305		11.26	1.35		KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16		3340	90.96	2.4					17	3030	82.61				2.6																																																																																																																																																																							
35	1080	40.04	1.45	K 77		37	1030	38.39	1.45				KF 77	40				950	35.19	1.65			KA 77	46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74	520	19.29	1.45	K 67	81	470	17.53	1.55	KF 67		94	410	15.19	1.70				KA 67	107	355			13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92		1.30	KA 57	126	305				11.26	1.35	KAF 57		148		260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17		3030	82.61	2.6																																																																																																																																																																																		
37	1030	38.39	1.45	KF 77		40	950	35.19	1.65				KA 77	46	830			30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67		107	355	13.22	1.90	KAF 67			114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26		1.35	KAF 57	148	260	9.59			1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																								
40	950	35.19	1.65	KA 77		46	830	30.88	1.85	KAF 77			49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81		470	17.53	1.55	KF 67			94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107		355	13.25	1.45	KF 57			119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14		3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																													
46	830	30.88	1.85	KAF 77	49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05	K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52		735	27.27	1.10				59		645	23.99	1.25				63		610	22.66	1.30				74		520	19.29	1.45	K 67			81		470	17.53	1.55	KF 67			94		410	15.19	1.70	KA 67			107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610			22.71		1.00		73	520			19.34		1.10		81	475			17.57		1.15		93	410			15.22		1.30	K 57	107	355			13.25		1.45	KF 57	119	320			11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10		5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107			4P		9.5	5510	100.75	1.45			KF 107		11	4980	90.96	1.60			KA 107		12	4520	82.61	1.75			KAF 107		13	4130	112.41	1.95					14	3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																												
49	785	29.26	1.95		55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735			27.27		1.10		59	645			23.99		1.25		63	610			22.66		1.30		74	520			19.29		1.45	K 67	81	470			17.53		1.55	KF 67	94	410			15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73	520	19.34	1.10					81	475	17.57	1.15					93	410	15.22	1.30			K 57		107	355	13.25	1.45			KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107		4P	9.5	5510						100.75	1.45	KF 107	11			4980		90.96	1.60	KA 107	12			4520		82.61	1.75	KAF 107	13			4130		112.41	1.95		14			3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																	
55	690	25.61	2.2		62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735				27.27	1.10					59	645	23.99	1.25					63	610	22.66	1.30					74	520	19.29	1.45			K 67		81	470	17.53	1.55			KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73			520		19.34	1.10		81			475		17.57	1.15		93			410		15.22	1.30	K 57	107			355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510					100.75	1.45						KF 107	11	4980	90.96			1.60		KA 107	12	4520	82.61			1.75		KAF 107	13	4130	112.41			1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																						
62	620	23.08	2.5		70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735				27.27	1.10					59			645		23.99	1.25		63			610		22.66	1.30		74			520		19.29	1.45	K 67	81			470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73				520	19.34			1.10			81	475	17.57			1.15			93	410	15.22			1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45					KF 107	11						4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																											
70	545	20.24	2.8		47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P	52	735				27.27	1.10					59				645	23.99			1.25			63	610	22.66			1.30			74	520	19.29			1.45	K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73				520	19.34				1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11					4980	90.96						1.60	KA 107	12	4520			82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																
47	810	30.21	1.00		4P	6.4	7490	222	1.05		K107 H77 KF107 H77 KA107 H77 KAF107 H77	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
52	735	27.27	1.10			59	645	23.99	1.25					63				610	22.66				1.30					74	520				19.29	1.45			K 67	81	470	17.53	1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63	610	22.71	1.00		73	520	19.34	1.10			81	475	17.57	1.15					93				410	15.22				1.30	K 57				107	355	13.25			1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107	12	4520	82.61		1.75	KAF 107	13	4130				112.41	1.95					14				3700	100.75			2.2			16		3340	90.96		2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																							
59	645	23.99	1.25			63	610	22.66	1.30					74				520	19.29				1.45	K 67				81	470	17.53			1.55	KF 67	94	410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73	520	19.34	1.10		81	475	17.57	1.15			93	410	15.22	1.30				K 57	107				355	13.25				1.45	KF 57	119			320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107	13	4130	112.41		1.95		14	3700				100.75	2.2					16				3340	90.96	2.4				17	3030	82.61	2.6																																																																																																																																																																																																																																															
63	610	22.66	1.30			74	520	19.29	1.45				K 67	81				470	17.53				1.55	KF 67	94			410	15.19	1.70	KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81	475	17.57	1.15		93	410	15.22	1.30	K 57		107	355	13.25	1.45				KF 57	119				320	11.92	1.30			KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75		2.2		16	3340				90.96	2.4					17	3030			82.61	2.6																																																																																																																																																																																																																																																							
74	520	19.29	1.45	K 67		81	470	17.53	1.55				KF 67	94				410	15.19	1.70			KA 67	107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57		119	320	11.92	1.30				KA 57	126	305			11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96		2.4		17	3030				82.61	2.6																																																																																																																																																																																																																																																																	
81	470	17.53	1.55	KF 67		94	410	15.19	1.70				KA 67	107	355			13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57		126	305	11.26	1.35	KAF 57			148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61		2.6																																																																																																																																																																																																																																																																									
94	410	15.19	1.70	KA 67		107	355	13.22	1.90	KAF 67			114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107		355	13.25	1.45	KF 57			119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14		3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																															
107	355	13.22	1.90	KAF 67	114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75	K 127 KF 127 KA 127 KAF 127	6P	63		610	22.71	1.00				73		520	19.34	1.10				81		475	17.57	1.15				93		410	15.22	1.30	K 57			107		355	13.25	1.45	KF 57			119		320	11.92	1.30	KA 57			126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510			100.75		1.45	KF 107	11	4980			90.96		1.60	KA 107	12	4520			82.61		1.75	KAF 107	13	4130			112.41		1.95		14	3700			100.75		2.2		16	3340			90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																	
114	335	12.48	1.60		134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610			22.71		1.00		73	520			19.34		1.10		81	475			17.57		1.15		93	410			15.22		1.30	K 57	107	355			13.25		1.45	KF 57	119	320			11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45			KF 107		11	4980	90.96	1.60			KA 107		12	4520	82.61	1.75			KAF 107		13	4130	112.41	1.95					14	3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																						
134	285	10.63	1.75		147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73	520	19.34	1.10					81	475	17.57	1.15					93	410	15.22	1.30			K 57		107	355	13.25	1.45			KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11			4980		90.96	1.60	KA 107	12			4520		82.61	1.75	KAF 107	13			4130		112.41	1.95		14			3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																											
147	260	9.66	1.85		170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73			520		19.34	1.10		81			475		17.57	1.15		93			410		15.22	1.30	K 57	107			355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11				4980	90.96			1.60		KA 107	12	4520	82.61			1.75		KAF 107	13	4130	112.41			1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																
170	225	8.37	1.95		195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73				520	19.34			1.10			81	475	17.57			1.15			93	410	15.22			1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11				4980	90.96				1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																					
195	196	7.28	2.1		59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P	63	610				22.71	1.00					73				520	19.34				1.10				81		475	17.57	1.15				93	410	15.22	1.30	K 57	107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11				4980	90.96				1.60	KA 107				12	4520			82.61	1.75	KAF 107	13	4130	112.41	1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																										
59	645	24.05	0.95		4P	7.1	7450	136.35	1.75		K 127 KF 127 KA 127 KAF 127	6P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
63	610	22.71	1.00			73	520	19.34	1.10					81				475	17.57				1.15					93	410				15.22	1.30	K 57			107	355	13.25	1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5	5510	100.75	1.45	KF 107	11	4980	90.96	1.60	KA 107		12	4520	82.61	1.75				KAF 107	13				4130	112.41				1.95					14	3700	100.75			2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																														
73	520	19.34	1.10			81	475	17.57	1.15					93				410	15.22				1.30	K 57				107	355	13.25			1.45	KF 57	119	320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11	4980	90.96	1.60	KA 107	12	4520	82.61	1.75	KAF 107		13	4130	112.41	1.95					14				3700	100.75				2.2		16			3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																						
81	475	17.57	1.15			93	410	15.22	1.30				K 57	107				355	13.25				1.45	KF 57	119			320	11.92	1.30	KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12	4520	82.61	1.75	KAF 107	13	4130	112.41	1.95			14	3700	100.75	2.2					16				3340	90.96	2.4				17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																														
93	410	15.22	1.30	K 57		107	355	13.25	1.45				KF 57	119				320	11.92	1.30			KA 57	126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13	4130	112.41	1.95		14	3700	100.75	2.2			16	3340	90.96	2.4					17	3030			82.61	2.6																																																																																																																																																																																																																																																																																																																																																						
107	355	13.25	1.45	KF 57		119	320	11.92	1.30				KA 57	126	305			11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14	3700	100.75	2.2		16	3340	90.96	2.4			17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																
119	320	11.92	1.30	KA 57		126	305	11.26	1.35	KAF 57			148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14		3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																						
126	305	11.26	1.35	KAF 57	148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50	K 107 KF 107 KA 107 KAF 107	4P	9.5		5510	100.75	1.45	KF 107			11		4980	90.96	1.60	KA 107			12		4520	82.61	1.75	KAF 107			13		4130	112.41	1.95				14		3700	100.75	2.2				16		3340	90.96	2.4				17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																											
148	260	9.59	1.55		163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510			100.75		1.45	KF 107	11	4980			90.96		1.60	KA 107	12	4520			82.61		1.75	KAF 107	13	4130			112.41		1.95		14	3700			100.75		2.2		16	3340			90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																
163	235	8.71	1.65		188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45			KF 107		11	4980	90.96	1.60			KA 107		12	4520	82.61	1.75			KAF 107		13	4130	112.41	1.95					14	3700	100.75	2.2				16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																					
188	205	7.55	1.80		216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11			4980		90.96	1.60	KA 107	12			4520		82.61	1.75	KAF 107	13			4130		112.41	1.95		14			3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																										
216	177	6.57	1.95		8.5	6150	112.41	1.30	K 107	4P	10	5270	143.47	1.50		K 107 KF 107 KA 107 KAF 107	4P	9.5	5510				100.75	1.45				KF 107	11				4980	90.96			1.60		KA 107	12	4520	82.61			1.75		KAF 107	13	4130	112.41			1.95		14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																															
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9.5	5510	100.75	1.45	KF 107		11	4980	90.96	1.60				KA 107	12				4520	82.61				1.75	KAF 107				13	4130				112.41	1.95				14	3700	100.75	2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																
11	4980	90.96	1.60	KA 107		12	4520	82.61	1.75				KAF 107	13				4130	112.41				1.95					14	3700	100.75			2.2		16	3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																								
12	4520	82.61	1.75	KAF 107		13	4130	112.41	1.95					14				3700	100.75				2.2		16			3340	90.96	2.4		17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																																
13	4130	112.41	1.95			14	3700	100.75	2.2					16				3340	90.96	2.4				17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																																								
14	3700	100.75	2.2			16	3340	90.96	2.4					17	3030			82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																																																
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17	3030	82.61	2.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5.5KW						7.5KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
12	4550	123.93	0.95		4P	1.7	38700	843	0.85	K167 H97 KA167 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
14	3860	105.13	1.10			15	3560	93.80	1.20			K 97	17	3180	86.52	1.35	KF 97	18	2860	77.89	1.50	KA 97	20	2590	70.54	1.65	KAF 97	23	2300	62.55	1.85		25	2080	56.55	2.1		30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90	K157 H97	4P	18	2910	79.34	0.95		20	2590	70.46	1.05	K 87	23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85	K127 H77 KF127 H77 KA127 H77	4P	29	1810	49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95		4P	4.4	16400	164.50	1.95	K 167	8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5		60	880	23.99	0.90		63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																							
15	3560	93.80	1.20	K 97		17	3180	86.52	1.35			KF 97	18	2860	77.89	1.50	KA 97	20	2590	70.54	1.65	KAF 97	23	2300	62.55	1.85		25	2080	56.55	2.1		30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P	18	2910	79.34		0.95		20	2590	70.46	1.05	K 87	23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200		330	0.85	K127 H77 KF127 H77 KA127 H77	4P			29	1810	49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95			4P	4.4	16400	164.50	1.95		K 167	8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106	495	13.52		2.7		4P	5.8	12300		164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5		60	880	23.99	0.90		63		830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305	8.37	1.45		196	265	7.28	1.55			81	645	17.57	0.85			4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835		1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3		28400	622	1.75				10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33		3.5		39	1850	37.00		3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																									
17	3180	86.52	1.35	KF 97		18	2860	77.89	1.50			KA 97	20	2590	70.54	1.65	KAF 97	23	2300	62.55	1.85		25	2080	56.55	2.1		30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P	18	2910		79.34		0.95		20		2590	70.46	1.05	K 87	23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200		330	0.85		K127 H77 KF127 H77 KA127 H77	4P					29	1810	49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95				4P	4.4	16400	164.50		1.95		K 167	8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106		495	13.52		2.7			4P	5.8	12300		164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5		60	880		23.99	0.90		63			830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305	8.37		1.45		196	265	7.28		1.55			81	645	17.57	0.85			4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30		K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300			729	1.50	KA187 H107	2.3	28400		622	1.75		10			7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860		57.17	2.8		29	2500		49.90	3.1		34	2120	42.33	3.5			39	1850	37.00	3.9			1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																												
18	2860	77.89	1.50	KA 97		20	2590	70.54	1.65			KAF 97	23	2300	62.55	1.85		25	2080	56.55	2.1		30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P	18	2910		79.34		0.95			20		2590	70.46	1.05		K 87	23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200		330	0.85		K127 H77 KF127 H77 KA127 H77	4P								29	1810	49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95					4P	4.4	16400		164.50		1.95		K 167	8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4			106		495	13.52			2.7			4P	5.8	12300		164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81		2.5		60	880			23.99	0.90		63			830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355		9.66	1.35		171	305		8.37		1.45		196	265	7.28		1.55			81	645	17.57	0.85			4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835		1.30		K187 H107	4P			7.8	9130	122.39	1.95	KF 157		6P	2.0	33300	729			1.50	KA187 H107	2.3	28400		622	1.75		10			7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20		3670	73.30	2.2	KA 107	22		3330	66.52	2.4	KAF 107	25	2860	57.17		2.8		29	2500	49.90		3.1		34	2120	42.33	3.5			39	1850	37.00	3.9			1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97															
20	2590	70.54	1.65	KAF 97		23	2300	62.55	1.85				25	2080	56.55	2.1		30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P	18	2910		79.34		0.95			20		2590	70.46	1.05	K 87		23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85		K127 H77 KF127 H77 KA127 H77	4P		29	1810											49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95		4P	4.4					16400	164.50		1.95		K 167		8P		36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106	495		13.52	2.7			4P	5.8			12300	164.50		2.6	K 167	6P		116	455	12.33	2.2		132	400	10.81		2.5		60	880			23.99	0.90		63			830	22.66	0.95				4P	7.1	10100	134.99	3.2		KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30			148	355	9.66	1.35			171		305	8.37	1.45		196		265		7.28	1.55		81	645		17.57		0.85		4P	6.4	11200		150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW							7.5KW							1.7				38200	835	1.30	K187 H107	4P			7.8	9130	122.39			1.95	KF 157	6P	2.0		33300	729	1.50	KA187 H107			2.3	28400	622	1.75			10	7190	143.47			1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560		90.96	1.75	K 107	17	4140		82.61	1.95	KF 107	20	3670	73.30	2.2		KA 107	22	3330	66.52	2.4		KAF 107	25	2860	57.17	2.8			29	2500	49.90	3.1			34	2120	42.33	3.5		39		1850	37.00	3.9		1.2		55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97				
23	2300	62.55	1.85			25	2080	56.55	2.1				30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P	18	2910		79.34		0.95			20		2590	70.46	1.05	K 87		23	2310	63.00	1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85		K127 H77 KF127 H77 KA127 H77	4P	29	1810					49.16	1.50											KAF 87	32	1620	44.02	1.60		39	1340	36.52	1.85		46	1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95		4P	4.4		16400					164.50	1.95		K 167		8P				36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106	495	13.52	2.7		4P			5.8	12300		164.50	2.6		K 167	6P			116	455	12.33	2.2		132	400	10.81		2.5		60	880			23.99	0.90		63			830	22.66	0.95					4P	7.1	10100	134.99		3.2		KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63		1.30		148	355	9.66		1.35			171	305	8.37	1.45				196	265	7.28	1.55			81		645	17.57		0.85			4P	6.4	11200		150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW								1.7	38200	835	1.30				K187 H107	4P	7.8			9130	122.39		1.95		KF 157	6P	2.0	33300			729	1.50	KA187 H107	2.3		28400	622	1.75				10	7190		143.47	1.10		4P			9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14		5050	100.75	1.60		16		4560	90.96	1.75	K 107	17	4140	82.61		1.95	KF 107	20	3670	73.30		2.2	KA 107	22	3330	66.52	2.4		KAF 107	25	2860	57.17	2.8			29	2500	49.90	3.1			34	2120	42.33	3.5			39	1850	37.00	3.9			1.2	55000	1196	0.90			4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23
25	2080	56.55	2.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
30	1760	47.93	2.4		17	3170	86.34	0.85		4P	3.3	19900	434	0.90	K157 H97	4P	18	2910	79.34	0.95		20		2590	70.46	1.05	K 87		23		2310	63.00	1.15	KF 87		25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85	K127 H77 KF127 H77 KA127 H77	4P	29	1810	49.16	1.50	KAF 87	32	1620	44.02		1.60		39	1340				36.52	1.85						46											1150	31.38	2.3		51	1020	27.87	2.5		32	1660	45.16	0.95		4P	4.4	16400	164.50	1.95	K 167	8P	36	1470	40.04	1.05			46		1130					30.88	1.35								49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116	455	12.33		2.2			132	400	10.81	2.5		60			880	23.99	0.90		63	830	22.66	0.95			4P	7.1	10100	134.99			3.2	KF 167	6P	74			710	19.29	1.05						82	645	17.53		1.15		K 67		94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305	8.37		1.45		196	265	7.28		1.55			81	645	17.57	0.85				4P	6.4	11200	150.41	1.60		K 157		6P	94		560	15.22			0.95			108	485	13.25		1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835		1.30	K187 H107	4P	7.8			9130	122.39	1.95	KF 157	6P		2.0	33300		729			1.50	KA187 H107	2.3	28400		622		1.75				10	7190	143.47	1.10			4P	9.8	7320			146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12				6080	121.46	1.30				13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107		22	3330	66.52	2.4	KAF 107		25	2860	57.17	2.8		29		2500	49.90	3.1		34		2120	42.33	3.5		39	1850		37.00	3.9		1.2	55000		1196	0.90		4P		15	4850	96.80	0.90	K 97		4P		1.4	48000	1046	1.05			1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97	
17	3170	86.34	0.85		4P	3.3	19900	434	0.90		K157 H97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
18	2910	79.34	0.95			20	2590	70.46	1.05		K 87		23	2310	63.00		1.15	KF 87	25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85	K127 H77 KF127 H77 KA127 H77	4P	29	1810	49.16	1.50	KAF 87	32	1620	44.02	1.60			39	1340	36.52	1.85				46	1150	31.38	2.3		51	1020		27.87	2.5		32				1660	45.16					0.95		4P			4.4			16400	164.50	1.95	K 167	8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26		1.45	K 77	56	940	25.61		1.65	KF 77	62	850	23.08		1.85		KA 77	71	745			20.24	2.0	KAF 77	80	655					17.86	2.2		90	580	15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5		60	880	23.99	0.90			63	830	22.66	0.95			4P	7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22		1.40	KA 67	115	460	12.48	1.15	KAF 67		135		390	10.63	1.30		148					355	9.66	1.35				171		305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59			1.15	KAF 57	164	320		8.71			1.20			190			275	7.55		1.30		218		240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P		12	6080	121.46	1.30		13	5630		112.41	1.40		14	5050	100.75	1.60		16	4560	90.96		1.75	K 107	17	4140			82.61	1.95	KF 107	20		3670		73.30	2.2			KA 107	22				3330				66.52	2.4	KAF 107	25			2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97		2.7	24100	527	2.1			18	3900	77.89			1.10	KF 97	20	3530	70.54				1.20	KA 97	23	3130	62.55		1.35	KAF 97																																		
20	2590	70.46	1.05	K 87		23	2310	63.00	1.15		KF 87		25	2080	56.64		1.30	KA 87	4P	4.3	15200	330	0.85		K127 H77 KF127 H77 KA127 H77	4P	29	1810			49.16	1.50	KAF 87	32	1620	44.02	1.60		39	1340		36.52	1.85		46			1150	31.38	2.3		51	1020	27.87	2.5			32	1660	45.16				0.95					4P	4.4	16400				164.50	1.95	K 167	8P	36	1470	40.04		1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56		940	25.61	1.65	KF 77	62		850	23.08	1.85	KA 77	71		745		20.24	2.0	KAF 77	80		655	17.86	2.2		90		580			15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6		K 167	6P	116	455	12.33		2.2		132	400	10.81	2.5		60	880	23.99	0.90		63	830	22.66		0.95		4P	7.1	10100			134.99	3.2	KF 167	6P	74		710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40		KA 67	115	460	12.48	1.15	KAF 67	135		390	10.63	1.30		148	355	9.66		1.35				171	305		8.37		1.45			196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200		150.41	1.60	K 157	6P	94		560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57		164	320	8.71	1.20		190			275		7.55	1.30				218		240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130		122.39	1.95	KF 157	6P	2.0		33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P		9.8	7320	146.30	1.80			K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2		KA 107		22	3330			66.52	2.4				KAF 107				25	2860	57.17	2.8				29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850		96.80	0.90	K 97	4P	1.4		48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20			3530	70.54	1.20	KA 97	23				3130	62.55	1.35	KAF 97																																						
23	2310	63.00	1.15	KF 87																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
25	2080	56.64	1.30	KA 87	4P	4.3	15200	330	0.85	K127 H77 KF127 H77 KA127 H77	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
29	1810	49.16	1.50	KAF 87		32	1620	44.02	1.60				39	1340	36.52	1.85		46		1150	31.38	2.3					51	1020			27.87	2.5		32	1660	45.16	0.95		4P	4.4		16400	164.50	1.95	K 167			8P	36	1470	40.04	1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77		62	850		23.08	1.85	KA 77	71	745		20.24	2.0	KAF 77		80	655	17.86	2.2		90	580	15.84	2.4		106	495	13.52		2.7		4P	5.8	12300		164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5		60	880	23.99	0.90		63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167		6P	74	710	19.29	1.05			82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390		10.63	1.30			148	355	9.66		1.35			171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4		11200	150.41	1.60	K 157	6P	94	560		15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275		7.55	1.30			218	240		6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300	729	1.50	KA187 H107		2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17			2.8		29	2500					49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5		43400	945	1.15		1.9	33900	738			1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																
32	1620	44.02	1.60			39	1340	36.52	1.85				46	1150	31.38	2.3		51		1020	27.87	2.5					32	1660			45.16	0.95		4P	4.4	16400	164.50	1.95		K 167		8P	36	1470	40.04				1.05		46	1130	30.88	1.35		49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08		1.85	KA 77		71	745	20.24	2.0	KAF 77		80	655	17.86		2.2		90	580	15.84	2.4		106	495	13.52	2.7		4P		5.8	12300		164.50	2.6		K 167	6P	116		455	12.33	2.2		132	400	10.81	2.5		60	880	23.99	0.90		63	830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167	6P		74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63		1.30		148		355	9.66	1.35				171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P		6.4		11200	150.41	1.60	K 157		6P	94		560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190		275	7.55		1.30		218		240		6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30		K187 H107	4P	7.8	9130		122.39		1.95	KF 157	6P	2.0	33300		729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190		143.47	1.10		4P			9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330			66.52	2.4	KAF 107	25					2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9			1.2	55000	1196	0.90			4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046	1.05				1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23		3130	62.55		1.35	KAF 97																																																																																						
39	1340	36.52	1.85			46	1150	31.38	2.3				51	1020	27.87	2.5		32		1660	45.16	0.95					4P	4.4			16400	164.50	1.95		K 167	8P	36	1470		40.04	1.05			46	1130	30.88	1.35			49	1070	29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0		KAF 77	80		655	17.86	2.2		90		580	15.84	2.4			106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167		6P	116	455		12.33	2.2		132		400		10.81	2.5		60	880	23.99	0.90		63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167			6P	74	710	19.29	1.05				82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355		9.66	1.35			171	305	8.37		1.45			196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41			1.60	K 157	6P	94	560	15.22			0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30			218	240		6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39		1.95		KF 157	6P	2.0	33300		729	1.50		KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8		7320	146.30	1.80				K 127 KF 127 KA 127 KAF 127	4P	12	6080			121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4			KAF 107	25	2860	57.17					2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2		55000	1196	0.90		4P		15		4850	96.80	0.90	K 97	4P	1.4		48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35		KAF 97																																																																																										
46	1150	31.38	2.3			51	1020	27.87	2.5				32	1660	45.16	0.95		4P		4.4	16400	164.50	1.95					K 167			8P	36	1470		40.04		1.05			46	1130		30.88	1.35		49	1070		29.26	1.45	K 77	56	940	25.61	1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655		17.86	2.2			90	580	15.84	2.4			106	495		13.52	2.7		4P	5.8	12300		164.50	2.6	K 167	6P	116			455	12.33		2.2		132	400		10.81		2.5		60	880	23.99	0.90		63	830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167				6P	74	710	19.29			1.05		82	645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148		355	9.66	1.35			171	305		8.37		1.45		196	265	7.28	1.55		81	645	17.57	0.85			4P	6.4			11200	150.41		1.60	K 157	6P			94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275		7.55	1.30			218	240		6.57		1.45		7.5KW						7.5KW						1.7		38200	835	1.30	K187 H107	4P		7.8		9130	122.39	1.95	KF 157	6P		2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10		7190		143.47	1.10							4P	9.8			7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670			73.30	2.2	KA 107	22					3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5			39	1850	37.00			3.9			1.2	55000	1196		0.90			4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97		20	3530	70.54	1.20	KA 97	23		3130	62.55	1.35	KAF 97																																																																																
51	1020	27.87	2.5			32	1660	45.16	0.95				4P	4.4	16400	164.50	1.95			K 167	8P	36	1470	40.04				1.05		46		1130	30.88		1.35			49		1070	29.26		1.45	K 77	56	940	25.61		1.65	KF 77	62	850	23.08	1.85	KA 77	71	745	20.24	2.0	KAF 77	80	655	17.86	2.2		90	580	15.84		2.4		106	495	13.52	2.7		4P		5.8	12300	164.50	2.6	K 167	6P	116		455	12.33		2.2		132		400			10.81	2.5		60	880	23.99	0.90			63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P	74			710	19.29	1.05		82					645	17.53	1.15			K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305		8.37	1.45		196	265	7.28	1.55			81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94		560			15.22	0.95			108				485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300		729	1.50		KA187 H107	2.3	28400	622		1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127		4P	12	6080							121.46			1.30		13			5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52		2.4	KAF 107	25	2860	57.17	2.8				29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196		0.90		4P	15			4850		96.80	0.90	K 97	4P		1.4		48000		1046	1.05		1.5	43400		945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																									
32	1660	45.16	0.95			4P	4.4	16400	164.50			1.95		K 167	8P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
36	1470	40.04	1.05				46	1130	30.88			1.35				49	1070		29.26	1.45		K 77	56	940	25.61	1.65		KF 77	62	850		23.08	1.85		KA 77		71	745		20.24	2.0		KAF 77	80	655	17.86	2.2			90	580	15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400	10.81	2.5			60	880	23.99	0.90		63		830		22.66	0.95		4P	7.1	10100		134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67	94	560	15.19		1.25	KF 67	108	485	13.22		1.40			KA 67	115	460	12.48	1.15					KAF 67	135	390			10.63	1.30		148	355	9.66	1.35		171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440	11.92		0.95	KF 57	127	415	11.26			1.00		KA 57			149	350		9.59	1.15				KAF 57	164	320	8.71	1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190		143.47	1.10		4P	9.8	7320		146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60			16	4560	90.96					1.75	K 107							17			4140	82.61	1.95			KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900		738	1.45		K187 H97			2.3		28500	621	1.75			KA187 H97		2.7		24100	527	2.1		18		3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																												
46	1130	30.88	1.35		49		1070	29.26	1.45	K 77	56	940		25.61		1.65	KF 77		62	850		23.08	1.85	KA 77	71	745		20.24	2.0	KAF 77		80	655		17.86		2.2			90	580		15.84	2.4		106	495		13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116		455	12.33	2.2		132		400	10.81	2.5		60	880	23.99	0.90		63		830	22.66	0.95		4P	7.1		10100	134.99	3.2	KF 167	6P		74	710	19.29	1.05		82		645	17.53	1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22	1.40		KA 67	115	460	12.48	1.15		KAF 67			135	390	10.63	1.30						148	355	9.66			1.35		171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157		6P	94	560	15.22	0.95			108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57	127	415		11.26	1.00	KA 57	149	350			9.59		1.15			KAF 57	164		320	8.71				1.20		190	275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39		1.95	KF 157	6P	2.0	33300		729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320		146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12			6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60			16	4560	90.96	1.75					K 107	17							4140			82.61	1.95	KF 107			20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P		15	4850	96.80	0.90	K 97		4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45		K187 H97		2.3	28500		621	1.75	KA187 H97			2.7		24100		527	2.1		18	3900		77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																													
49	1070	29.26	1.45	K 77	56		940	25.61	1.65	KF 77	62	850		23.08		1.85	KA 77		71	745		20.24	2.0	KAF 77	80	655		17.86	2.2			90	580		15.84		2.4		106	495	13.52		2.7		4P	5.8	12300	164.50	2.6	K 167	6P		116	455	12.33	2.2			132		400	10.81	2.5		60		880	23.99	0.90		63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167		6P	74	710	19.29	1.05				82	645	17.53	1.15	K 67	94		560	15.19	1.25	KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15		KAF 67	135	390	10.63	1.30					148	355	9.66	1.35			171			305	8.37	1.45			196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25	1.05		K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350		9.59	1.15	KAF 57	164	320			8.71		1.20			190	275		7.55	1.30				218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729		1.50	KA187 H107		2.3	28400		622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P		12	6080			121.46			1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560		90.96	1.75	K 107	17			4140		82.61	1.95		KF 107	20				3670			73.30	2.2	KA 107			22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90			K 97	4P	1.4	48000	1046			1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500		621		1.75	KA187 H97	2.7	24100	527	2.1				18	3900		77.89	1.10	KF 97	20	3530		70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																		
56	940	25.61	1.65	KF 77	62		850	23.08	1.85	KA 77	71	745		20.24		2.0	KAF 77		80	655		17.86	2.2		90	580		15.84	2.4			106	495	13.52	2.7			4P	5.8	12300	164.50	2.6	K 167	6P		116	455	12.33	2.2				132	400	10.81	2.5			60		880	23.99	0.90		63		830	22.66	0.95		4P	7.1	10100	134.99	3.2		KF 167	6P	74	710	19.29			1.05		82	645	17.53			1.15	K 67	94	560	15.19	1.25		KF 67	108	485	13.22	1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390		10.63	1.30		148	355		9.66			1.35		171	305	8.37	1.45				196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P	94	560	15.22			0.95		108	485	13.25			1.05	K 57	120	440		11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57		164	320	8.71	1.20				190		275	7.55	1.30		218		240	6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300	729			1.50	KA187 H107	2.3	28400	622	1.75			10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12	6080					121.46	1.30						13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75		K 107	17	4140	82.61			1.95		KF 107	20	3670	73.30	2.2				KA 107	22	3330	66.52	2.4	KAF 107			25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000			1046		1.05		1.5			43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97		2.7	24100	527	2.1		18	3900	77.89		1.10	KF 97	20	3530		70.54	1.20	KA 97	23	3130		62.55	1.35	KAF 97																																																																																																																							
62	850	23.08	1.85	KA 77	71		745	20.24	2.0	KAF 77	80	655		17.86		2.2			90	580		15.84	2.4		106	495	13.52	2.7		4P		5.8	12300	164.50	2.6	K 167	6P		116	455	12.33	2.2				132	400	10.81	2.5				60	880	23.99	0.90			63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P		74	710	19.29	1.05				82	645	17.53			1.15	K 67	94	560	15.19			1.25	KF 67	108	485	13.22	1.40		KA 67	115	460	12.48	1.15	KAF 67	135	390	10.63	1.30		148	355		9.66	1.35		171	305		8.37		1.45		196	265	7.28	1.55		81	645		17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25			1.05	K 57	120	440	11.92			0.95	KF 57	127	415		11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71	1.20			190	275	7.55	1.30			218	240		6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0		33300	729	1.50	KA187 H107		2.3		28400	622	1.75			10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12		6080	121.46	1.30					13	5630					112.41	1.40						14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95		KF 107	20	3670	73.30	2.2		KA 107		22	3330	66.52	2.4	KAF 107	25	2860		57.17	2.8		29	2500	49.90			3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4		48000	1046	1.05			1.5		43400	945			1.15			1.9	33900			738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18		3900	77.89	1.10	KF 97	20	3530	70.54	1.20		KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																															
71	745	20.24	2.0	KAF 77	80		655	17.86	2.2		90	580		15.84		2.4		106	495	13.52		2.7		4P	5.8	12300	164.50	2.6	K 167		6P	116	455	12.33	2.2				132	400	10.81	2.5				60	880	23.99	0.90			63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P		74	710	19.29	1.05				82	645	17.53	1.15		K 67		94	560	15.19			1.25	KF 67	108	485	13.22			1.40	KA 67	115	460	12.48	1.15		KAF 67	135	390	10.63	1.30		148	355	9.66	1.35		171	305		8.37	1.45		196	265		7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25	1.05		K 57		120	440	11.92			0.95	KF 57	127	415	11.26			1.00	KA 57	149	350		9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55	1.30			218	240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157		6P	2.0	33300	729	1.50		KA187 H107		2.3	28400	622	1.75		10		7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127		4P	12	6080	121.46			1.30			13	5630	112.41				1.40						14	5050			100.75			1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670		73.30	2.2	KA 107	22	3330		66.52		2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97		4P	1.4	48000	1046	1.05				1.5	43400	945	1.15				1.9	33900			738		1.45	K187 H97	2.3			28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																					
80	655	17.86	2.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
90	580	15.84	2.4		106	495	13.52	2.7		4P	5.8	12300	164.50	2.6	K 167	6P	116	455	12.33	2.2		132	400		10.81	2.5		60	880			23.99	0.90		63	830		22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15		K 67	94	560	15.19	1.25			KF 67	108	485	13.22	1.40			KA 67	115	460	12.48		1.15		KAF 67	135	390			10.63	1.30		148	355			9.66	1.35		171	305	8.37		1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05		K 57	120	440	11.92	0.95			KF 57	127	415	11.26	1.00			KA 57	149	350	9.59		1.15		KAF 57	164	320			8.71	1.20		190	275			7.55	1.30		218		240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75			10	7190	143.47	1.10			4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14		5050	100.75	1.60					16	4560	90.96			1.75		K 107	17	4140	82.61				1.95	KF 107					20	3670			73.30			2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9		33900	738	1.45	K187 H97	2.3			28500	621	1.75	KA187 H97		2.7		24100	527	2.1			18		3900	77.89		1.10	KF 97		20	3530	70.54	1.20		KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																							
106	495	13.52	2.7		4P	5.8	12300	164.50	2.6		K 167	6P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
116	455	12.33	2.2			132	400	10.81	2.5				60	880	23.99		0.90		63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167	6P	74	710	19.29	1.05		82	645	17.53	1.15	K 67		94	560	15.19	1.25	KF 67		108	485	13.22	1.40	KA 67	115	460	12.48	1.15		KAF 67	135	390	10.63	1.30				148	355	9.66	1.35				171	305	8.37		1.45			196	265	7.28		1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440		11.92	0.95	KF 57	127	415		11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164		320	8.71	1.20		190			275	7.55	1.30		218			240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P		9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127		4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16		4560	90.96	1.75	K 107			17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22		3330	66.52	2.4	KAF 107				25	2860	57.17			2.8			29	2500	49.90				3.1		34			2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75		KA187 H97	2.7	24100	527	2.1			18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97		23	3130	62.55	1.35	KAF 97																																																																																																																																																																																								
132	400	10.81	2.5			60	880	23.99	0.90				63	830	22.66		0.95		4P	7.1	10100	134.99	3.2		KF 167	6P	74	710	19.29		1.05		82	645	17.53	1.15	K 67	94	560	15.19		1.25	KF 67	108	485	13.22		1.40	KA 67	115	460	12.48	1.15	KAF 67	135	390		10.63	1.30		148	355			9.66	1.35		171	305			8.37	1.45		196	265	7.28		1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P	94	560	15.22		0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57		127	415	11.26	1.00	KA 57		149	350	9.59	1.15	KAF 57	164	320	8.71	1.20			190	275	7.55	1.30				218	240	6.57	1.45				7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39		1.95	KF 157	6P	2.0	33300		729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8		7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P		12		6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560		90.96	1.75	K 107	17			4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330		66.52	2.4	KAF 107	25				2860	57.17	2.8					29	2500	49.90	3.1				34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80		0.90	K 97	4P	1.4	48000		1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7		24100	527	2.1		18		3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130		62.55	1.35	KAF 97																																																																																																																																																																																										
60	880	23.99	0.90			63	830	22.66	0.95		4P		7.1	10100	134.99	3.2	KF 167	6P		74	710	19.29	1.05				82	645	17.53		1.15	K 67	94	560	15.19	1.25	KF 67	108	485	13.22		1.40	KA 67	115	460	12.48		1.15	KAF 67	135	390	10.63	1.30		148	355		9.66	1.35		171	305			8.37	1.45		196	265		7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25		1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57		149	350	9.59	1.15	KAF 57		164	320	8.71	1.20		190	275	7.55	1.30			218	240	6.57	1.45				7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729		1.50	KA187 H107		2.3	28400		622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127		4P	12	6080				121.46		1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75		K 107	17	4140	82.61			1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4		KAF 107	25	2860	57.17				2.8		29			2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4		48000	1046		1.05			1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1			18	3900	77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																														
63	830	22.66	0.95		4P	7.1	10100	134.99	3.2	KF 167		6P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
74	710	19.29	1.05			82	645	17.53	1.15	K 67			94	560	15.19	1.25	KF 67			108	485	13.22	1.40		KA 67		115	460	12.48		1.15	KAF 67	135	390	10.63	1.30		148	355	9.66		1.35		171	305	8.37		1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485	13.25	1.05	K 57	120	440		11.92	0.95	KF 57	127	415			11.26	1.00	KA 57	149		350		9.59	1.15	KAF 57		164	320	8.71	1.20		190	275	7.55	1.30		218	240		6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10			4P	9.8	7320	146.30		1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16		4560	90.96	1.75	K 107					17	4140				82.61		1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8			29	2500	49.90			3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75		KA187 H97	2.7	24100	527		2.1				18	3900		77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																								
82	645	17.53	1.15	K 67		94	560	15.19	1.25	KF 67			108	485	13.22	1.40	KA 67			115	460	12.48	1.15		KAF 67		135	390	10.63		1.30		148	355	9.66	1.35		171	305	8.37		1.45		196	265	7.28		1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P	94	560	15.22		0.95		108	485	13.25	1.05	K 57	120	440	11.92	0.95	KF 57		127	415	11.26	1.00	KA 57			149	350	9.59	1.15		KAF 57		164	320	8.71		1.20		190	275	7.55	1.30		218	240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130		122.39	1.95	KF 157	6P	2.0		33300	729	1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8		7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P			12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16		4560	90.96	1.75	K 107					17	4140				82.61		1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8			29	2500	49.90			3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90			4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500		621	1.75	KA187 H97	2.7		24100		527		2.1			18	3900		77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																						
94	560	15.19	1.25	KF 67		108	485	13.22	1.40	KA 67			115	460	12.48	1.15	KAF 67			135	390	10.63	1.30				148	355	9.66		1.35		171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25		1.05	K 57	120	440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57		149	350	9.59	1.15	KAF 57			164	320	8.71	1.20				190	275	7.55		1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157		6P	2.0		33300	729	1.50		KA187 H107		2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30		1.80		K 127 KF 127 KA 127 KAF 127	4P	12					6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560		90.96	1.75	K 107	17					4140	82.61				1.95		KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80			0.90	K 97	4P	1.4		48000		1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75		KA187 H97	2.7	24100	527		2.1				18	3900		77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																								
108	485	13.22	1.40	KA 67		115	460	12.48	1.15	KAF 67			135	390	10.63	1.30				148	355	9.66	1.35				171	305	8.37		1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P	94	560	15.22			0.95		108	485		13.25		1.05	K 57	120		440	11.92	0.95	KF 57	127	415	11.26	1.00	KA 57	149	350	9.59		1.15	KAF 57	164	320	8.71			1.20		190	275		7.55		1.30		218		240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130		122.39	1.95	KF 157	6P	2.0			33300	729	1.50	KA187 H107	2.3		28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320		146.30	1.80	K 127 KF 127 KA 127 KAF 127		4P				12					6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560		90.96	1.75	K 107	17					4140	82.61				1.95		KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90			4P	15	4850			96.80	0.90		K 97		4P		1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500		621	1.75	KA187 H97	2.7		24100		527	2.1		18		3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																								
115	460	12.48	1.15	KAF 67		135	390	10.63	1.30				148	355	9.66	1.35				171	305	8.37	1.45		196		265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25			1.05	K 57	120	440		11.92		0.95	KF 57	127		415	11.26	1.00	KA 57	149	350	9.59	1.15	KAF 57	164	320	8.71		1.20		190	275	7.55			1.30		218	240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300		729	1.50	KA187 H107		2.3	28400		622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P		12	6080		121.46	1.30												13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17		4140	82.61	1.95	KF 107			20		3670	73.30			2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P			1.4	48000			1046	1.05						1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100		527	2.1		18	3900	77.89		1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																															
135	390	10.63	1.30			148	355	9.66	1.35				171	305	8.37	1.45			196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P		94	560	15.22	0.95				108	485	13.25	1.05		K 57		120	440	11.92			0.95	KF 57	127	415		11.26		1.00	KA 57	149		350	9.59	1.15	KAF 57	164	320	8.71	1.20		190	275	7.55		1.30		218	240	6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729	1.50	KA187 H107			2.3	28400	622	1.75		10		7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P		12	6080	121.46	1.30					13		5630	112.41							1.40						14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107		20	3670	73.30	2.2	KA 107		22		3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P		1.4	48000	1046	1.05					1.5	43400			945	1.15						1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																						
148	355	9.66	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
171	305	8.37	1.45		196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60	K 157	6P	94	560	15.22	0.95		108	485		13.25	1.05	K 57	120	440			11.92	0.95	KF 57	127	415			11.26	1.00	KA 57	149		350		9.59	1.15	KAF 57			164	320	8.71	1.20				190	275	7.55		1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400		622	1.75		10	7190		143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40			14	5050	100.75				1.60		16	4560				90.96	1.75		K 107	17							4140					82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15			1.9	33900	738	1.45			K187 H97	2.3	28500	621	1.75				KA187 H97	2.7	24100		527	2.1			18			3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																						
196	265	7.28	1.55		81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P	94	560	15.22		0.95		108	485	13.25	1.05	K 57		120	440	11.92	0.95	KF 57			127	415	11.26	1.00	KA 57			149	350	9.59	1.15		KAF 57		164	320	8.71			1.20		190	275	7.55	1.30			218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300	729		1.50	KA187 H107	2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12	6080			121.46	1.30		13	5630	112.41	1.40		14		5050	100.75	1.60					16	4560	90.96	1.75				K 107	17		4140	82.61				1.95			KF 107			20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046		1.05		1.5	43400	945	1.15		1.9	33900		738	1.45	K187 H97	2.3	28500			621	1.75	KA187 H97	2.7	24100				527	2.1		18	3900	77.89		1.10	KF 97		20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																											
81	645	17.57	0.85		4P	6.4	11200	150.41	1.60		K 157	6P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
94	560	15.22	0.95			108	485	13.25	1.05		K 57		120	440		11.92		0.95	KF 57	127		415	11.26	1.00	KA 57	149	350	9.59		1.15	KAF 57	164	320	8.71			1.20		190	275	7.55			1.30		218	240	6.57	1.45			7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400	622	1.75			10	7190	143.47	1.10		4P		9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40			14	5050	100.75	1.60					16			4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107		20	3670	73.30	2.2				KA 107	22	3330	66.52				2.4	KAF 107	25	2860	57.17		2.8			29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738		1.45	K187 H97	2.3	28500		621		1.75	KA187 H97	2.7		24100	527	2.1		18	3900	77.89	1.10	KF 97		20	3530	70.54	1.20	KA 97			23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																		
108	485	13.25	1.05	K 57		120	440	11.92	0.95		KF 57		127	415		11.26		1.00	KA 57	149		350	9.59	1.15	KAF 57	164	320	8.71		1.20		190	275	7.55			1.30		218	240	6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729	1.50	KA187 H107		2.3	28400	622	1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127		4P	12	6080	121.46	1.30				13	5630	112.41	1.40		14	5050	100.75	1.60			16	4560	90.96				1.75	K 107			17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2		KA 107	22	3330	66.52				2.4	KAF 107	25	2860			57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P		1.4	48000	1046	1.05			1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621		1.75	KA187 H97	2.7	24100		527		2.1		18		3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97		23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																									
120	440	11.92	0.95	KF 57		127	415	11.26	1.00		KA 57		149	350		9.59		1.15	KAF 57	164		320	8.71	1.20		190	275	7.55		1.30		218	240	6.57		1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729	1.50	KA187 H107			2.3	28400	622	1.75			10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12	6080				121.46	1.30		13			5630	112.41	1.40		14	5050	100.75	1.60		16		4560	90.96	1.75	K 107				17	4140			82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22		3330	66.52	2.4	KAF 107			25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046			1.05		1.5	43400	945		1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7		24100	527	2.1			18		3900	77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																													
127	415	11.26	1.00	KA 57		149	350	9.59	1.15		KAF 57		164	320		8.71		1.20		190		275	7.55	1.30		218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P		2.0	33300	729	1.50	KA187 H107			2.3	28400	622	1.75			10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P		12	6080	121.46	1.30					13				5630	112.41	1.40				14	5050	100.75	1.60		16	4560	90.96	1.75	K 107		17	4140	82.61	1.95				KF 107	20			3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P		1.4	48000	1046	1.05				1.5	43400	945			1.15		1.9	33900	738		1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18		3900	77.89	1.10	KF 97		20		3530	70.54	1.20		KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																		
149	350	9.59	1.15	KAF 57		164	320	8.71	1.20				190	275		7.55		1.30		218		240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95		KF 157	6P	2.0	33300	729			1.50	KA187 H107	2.3	28400	622		1.75		10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12	6080				121.46	1.30		13				5630	112.41				1.40		14	5050			100.75	1.60		16	4560	90.96	1.75	K 107	17	4140		82.61	1.95	KF 107	20				3670	73.30			2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15		4850	96.80	0.90	K 97	4P			1.4	48000	1046	1.05				1.5	43400	945			1.15		1.9	33900	738		1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18		3900	77.89	1.10	KF 97	20	3530		70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																				
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218	240	6.57	1.45		7.5KW						7.5KW						1.7	38200	835	1.30	K187 H107	4P	7.8	9130	122.39	1.95	KF 157	6P	2.0	33300	729	1.50	KA187 H107	2.3	28400		622	1.75		10	7190		143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40			14	5050	100.75				1.60		16	4560				90.96	1.75				K 107	17	4140	82.61				1.95	KF 107				20	3670	73.30	2.2			KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15			1.9	33900	738	1.45			K187 H97		2.3	28500	621	1.75				KA187 H97	2.7	24100	527		2.1			18	3900		77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																											
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2.0	33300	729	1.50	KA187 H107		2.3	28400	622	1.75			10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P	12	6080	121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140		82.61	1.95	KF 107	20			3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107		25	2860	57.17	2.8					29	2500	49.90				3.1				34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89		1.10	KF 97	20	3530	70.54		1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																						
2.3	28400	622	1.75			10	7190	143.47	1.10			4P	9.8	7320	146.30	1.80		K 127 KF 127 KA 127 KAF 127	4P	12	6080			121.46	1.30		13	5630	112.41	1.40		14	5050	100.75	1.60		16	4560	90.96	1.75	K 107	17	4140	82.61	1.95		KF 107	20	3670	73.30			2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860		57.17	2.8		29				2500	49.90	3.1		34			2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046		1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20		3530	70.54	1.20	KA 97	23		3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																									
10	7190	143.47	1.10		4P	9.8	7320	146.30	1.80	K 127 KF 127 KA 127 KAF 127	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
12	6080	121.46	1.30			13	5630	112.41	1.40					14	5050	100.75				1.60				16	4560	90.96	1.75	K 107	17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860		57.17	2.8		29			2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15		1.9	33900		738	1.45	K187 H97	2.3		28500		621	1.75	KA187 H97		2.7	24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																												
13	5630	112.41	1.40			14	5050	100.75	1.60					16	4560	90.96				1.75	K 107			17	4140	82.61	1.95	KF 107	20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500		49.90	3.1		34			2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046		1.05		1.5	43400	945	1.15		1.9	33900	738	1.45	K187 H97		2.3	28500	621	1.75		KA187 H97		2.7	24100	527		2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																															
14	5050	100.75	1.60			16	4560	90.96	1.75				K 107	17	4140	82.61				1.95	KF 107			20	3670	73.30	2.2	KA 107	22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4		48000	1046	1.05			1.5		43400	945	1.15			1.9	33900	738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7		24100	527	2.1			18		3900	77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																					
16	4560	90.96	1.75	K 107		17	4140	82.61	1.95				KF 107	20	3670	73.30				2.2	KA 107			22	3330	66.52	2.4	KAF 107	25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046		1.05			1.5	43400	945		1.15			1.9	33900		738	1.45	K187 H97	2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1			18	3900	77.89		1.10		KF 97	20	3530		70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																								
17	4140	82.61	1.95	KF 107		20	3670	73.30	2.2				KA 107	22	3330	66.52				2.4	KAF 107			25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000		1046		1.05		1.5		43400		945	1.15		1.9		33900		738	1.45	K187 H97		2.3	28500	621	1.75	KA187 H97	2.7	24100	527	2.1		18	3900		77.89	1.10	KF 97	20	3530	70.54		1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																													
20	3670	73.30	2.2	KA 107		22	3330	66.52	2.4				KAF 107	25	2860	57.17	2.8				29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4		48000	1046	1.05			1.5		43400	945		1.15			1.9	33900		738		1.45	K187 H97	2.3	28500		621		1.75	KA187 H97	2.7		24100	527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																					
22	3330	66.52	2.4	KAF 107																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
25	2860	57.17	2.8		29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90	K 97	4P	1.4	48000	1046	1.05		1.5	43400	945	1.15			1.9	33900	738	1.45		K187 H97		2.3	28500	621	1.75		KA187 H97		2.7	24100		527		2.1		18		3900		77.89	1.10	KF 97	20	3530	70.54		1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																					
29	2500	49.90	3.1		34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000	1046		1.05		1.5	43400	945	1.15		1.9	33900		738	1.45	K187 H97	2.3	28500		621		1.75	KA187 H97	2.7	24100		527		2.1			18		3900	77.89	1.10		KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																										
34	2120	42.33	3.5		39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000		1046		1.05		1.5		43400	945	1.15		1.9	33900	738	1.45	K187 H97		2.3	28500	621	1.75	KA187 H97		2.7		24100	527	2.1			18		3900	77.89	1.10	KF 97		20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																															
39	1850	37.00	3.9		1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P	1.4	48000		1046		1.05			1.5		43400	945	1.15			1.9	33900	738	1.45	K187 H97	2.3	28500	621		1.75	KA187 H97	2.7	24100	527		2.1			18	3900	77.89	1.10	KF 97		20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1.2	55000	1196	0.90		4P	15	4850	96.80	0.90		K 97	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1.4	48000	1046	1.05			1.5	43400	945	1.15				1.9	33900		738		1.45	K187 H97		2.3		28500	621		1.75		KA187 H97	2.7	24100		527	2.1		18	3900	77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1.5	43400	945	1.15			1.9	33900	738	1.45		K187 H97		2.3	28500		621		1.75	KA187 H97		2.7		24100	527		2.1			18	3900		77.89	1.10	KF 97	20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1.9	33900	738	1.45	K187 H97		2.3	28500	621	1.75		KA187 H97		2.7	24100		527		2.1			18		3900	77.89	1.10	KF 97		20	3530	70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
2.3	28500	621	1.75	KA187 H97		2.7	24100	527	2.1				18	3900		77.89		1.10	KF 97	20	3530		70.54	1.20	KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
2.7	24100	527	2.1			18	3900	77.89	1.10		KF 97		20	3530	70.54	1.20		KA 97	23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
18	3900	77.89	1.10	KF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
20	3530	70.54	1.20	KA 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
23	3130	62.55	1.35	KAF 97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	
7.5KW						11KW						
25	2830	56.55	1.50	K 97	4P	5.3	19700	134.99	1.60	K 167	8P	
30	2400	47.93	1.80	KF 97		6.6	16000	109.83	2.0	KA 167		
34	2100	41.87	2.0	KA 97		5.8	18000	164.50	1.80	K 167	6P	
37	1920	38.29	2.2	KAF 97		7.1	14800	134.99	2.2	KA 167		
42	1710	34.22	2.5			8.8	12000	164.50	2.7	K 167	4P	
23	3160	63.00	0.85		11	9850	134.99	3.2	KA 167			
25	2840	56.64	0.95		4P	5.9	17900	122.39	1.00	K 157	8P	
29	2460	49.16	1.10			7.2	14600	100.22	1.25	KF 157		
32	2200	44.02	1.20			7.9	13400	91.65	1.35	KA 157		
39	1830	36.52	1.35			9.0	11600	79.75	1.55	KAF 157		
46	1570	31.38	1.70	K 87		6.4	16500	150.41	1.10	K 157	6P	
51	1400	27.87	1.85	KF 87		7.8	13400	122.39	1.35	KF 157		
57	1250	24.92	2.0	KA 87		9.6	11000	100.22	1.65	KF 157		
64	1120	22.40	2.0	KAF 87		10	10000	91.65	1.80	KA 157		
74	970	19.45	2.4			12	8730	79.75	2.1	KAF 157		
82	870	17.41	2.5			9.6	11000	150.41	1.65	K 157	4P	
89	800	16.00	2.2		12	8930	122.39	2.0	KF 157			
99	725	14.44	2.9		14	7310	100.22	2.5	KA 157			
					16	6690	91.65	2.7	KAF 157			
46	1550	30.88	1.00		4P	11	9930	136.35	1.30	K 127	4P	
49	1470	29.26	1.05			12	8930	122.67	1.45	K 127		
56	1280	25.61	1.20			13	8040	110.35	1.60	KF 127		
62	1160	23.08	1.35			16	6560	90.03	2.0	KA 127		
71	1010	20.24	1.50	K 77		18	5980	82.11	2.2	KA 127		
80	890	17.86	1.60	KF 77		20	5180	71.06	2.5	KAF 127		
90	795	15.84	1.75	KA 77		13	8200	112.41	1.00		4P	
106	675	13.52	2.0	KAF 77		14	7350	100.75	1.10			
116	620	12.33	1.60			16	6630	90.96	1.20			
132	545	10.81	1.80			17	6030	82.61	1.35	K 107		
150	480	9.54	1.95		20	5350	73.30	1.50	KF 107	4P		
169	425	8.46	2.13		22	4850	66.52	1.65	KA 107			
198	365	7.22	2.3		25	4170	57.17	1.90	KAF 107			
					29	3640	49.90	2.2				
11KW						11KW						
1.7	55900	835	0.90		4P	34	3090	42.33	2.4		4P	
2.0	48800	729	1.05			39	2700	37.00	2.7			
2.3	41600	622	1.20	K187 H107		20	5150	70.54	0.85			4P
2.8	34800	520	1.45	KA187 H107		23	4560	62.55	0.95			
3.2	30400	454	1.65			25	4130	56.55	1.05			
4.1	23800	355	2.1			30	3500	47.93	1.25			
2.0	49600	738	1.00	K187 H97	34	3050	41.87	1.40	K 97	4P		
2.3	41700	621	1.20	KA187 H97	38	2790	38.29	1.55	KF 97			
2.7	35300	527	1.40		42	2500	34.22	1.70	KA 97			
4.5	21300	318	1.50		47	2250	30.81	1.90	KAF 97			
5.2	18600	278	1.70	K167 H107	52	2040	27.90	2.1				
5.9	16300	244	1.95	KA167 H107	58	1800	24.74	2.4				
6.8	14200	213	2.2		64	1630	22.37	2.6				
7.0	13700	206	2.3		11KW							
2.6	37500	561	0.85		4P	33	3210	44.02	0.80		4P	
3.0	32300	481	1.00	K167 H97		39	2660	36.52	0.95			
3.4	28300	423	1.15	KA167 H97		46	2290	31.38	1.20			
3.9	24700	369	1.30			52	2030	27.87	1.30			
4.3	22300	333	0.80	K157 H97		58	1820	24.92	1.40	K 87		4P
4.9	19500	291	0.90	KF157 H97		64	1630	22.40	1.40	KF 87		
				KA157 H97	74	1420	19.45	1.60	KA 87			
				KAF157 H97	83	1270	17.41	1.75	KAF 87			
6.8	14300	213	0.90	K127 H87	90	1170	16.00	1.55				
7.2	13500	200	0.90	KF127 H87	100	1050	14.44	2.0				
8.7	11200	166	1.10	KA127 H87	115	920	12.56	2.2				
9.8	9850	147	1.20	KAF127 H87	129	810	11.16	1.85				
					144	730	10.00	2.1				
					174	605	8.29	2.3				
					200	525	7.21	2.5				

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole
11.0KW						15.0KW					
62	1680	23.08	0.90			26	5610	57.17	1.45		
71	1480	20.24	1.00			29	4900	49.90	1.60		
81	1300	17.86	1.10			34	4150	42.33	1.75	K 107	
91	1160	15.84	1.20	K 77		39	3630	37.00	2.0	KF 107	4P
107	990	13.52	1.35	KF 77	4P	45	3210	32.68	2.2	KA 107	
117	900	12.33	1.10	KA 77		47	3070	31.28	2.2	KAF 107	
133	790	10.81	1.25	KAF 77		50	2840	29.00	2.5		
151	700	9.54	1.35			30	4700	47.93	0.90	K 97	
170	620	8.46	1.45			35	4110	41.87	1.05	KF 97	4P
199	530	7.22	1.55			38	3760	38.29	1.15	KA 97	
15KW						18.5KW					
2.3	56100	622	0.90			43	3360	34.22	1.30	KAF 97	
2.8	47000	520	1.05	K187 H107	4P	47	3020	30.81	1.40		
3.2	41000	454	1.20	KA187 H107		52	2740	27.90	1.55		
4.1	32100	355	1.55			59	2430	24.74	1.75		
5.6	23600	261	2.1			65	2190	22.37	1.95		
4.6	28700	318	1.10			77	1860	18.96	2.3		
5.3	25000	278	1.30			88	1620	16.56	2.7		
6.0	22000	244	1.45	K167 H107	4P	47	3080	31.38	0.90		
6.8	19200	213	1.65	KA167 H107		52	2730	27.87	0.95		
7.1	18500	206	1.75			59	2440	24.92	1.00		
8.1	16200	180	1.95			65	2200	22.40	1.05		
9.1	14400	160	2.2			75	1910	19.45	1.20	K 87	
6.3	20700	230	0.85			84	1710	17.41	1.30	KF 87	4P
6.9	19200	213	0.95	K157 H107	4P	91	1570	16.00	1.15	KA 87	
7.8	16800	187	1.05	KF157 H107		101	1420	14.44	1.50	KAF 87	
9.3	14200	157	1.25	KA157 H107		116	1230	12.56	1.60		
12	11000	122	1.65	KAF157 H107		131	1100	11.16	1.35		
14	9630	107	1.85			146	980	10.00	1.55		
5.4	26600	179.86	1.90	K 187	4P	176	810	8.29	1.70		
5.9	24400	165.21	2.0	KA 187		202	705	7.21	1.85		
7.2	19900	134.99	1.60	K 167	6P	18.5KW					
8.8	16200	109.83	1.95	KA 167		2.8	57800	520	0.85		
8.9	16100	164.50	2.0	K 167	4P	3.2	50400	454	1.00	K187 H107	4P
11	13200	134.99	2.4	KA 167		4.1	39500	355	1.25	KA187 H107	
7.9	18100	122.39	1.00	K157	6P	5.6	29000	261	1.70		
9.7	14800	100.22	1.20	KF157		6.6	24600	221	2.0		
11	13500	91.65	1.35	KA157		4.6	35300	318	0.90		
12	11800	79.75	1.55	KAF157		5.3	30800	278	1.05		
14	10400	70.38	1.75			6.0	27100	244	1.20		
9.7	14800	150.41	1.20	K 157	4P	6.9	23600	213	1.35	K167 H107	4P
12	12000	122.39	1.50	KF 157		7.1	22800	206	1.40	KA167 H107	
15	9830	100.22	1.85	KA 157		8.1	20000	180	1.60		
16	8990	91.65	2.0	KAF 157		9.2	17700	160	1.80		
18	7820	79.75	2.3			11	15000	135	2.1		
11	13400	136.14	0.95			12	13100	118	2.4		
12	12000	122.48	1.10			7.8	20700	187	0.85	K157 H107	4P
13	10800	110.18	1.20	K 127	4P	9.3	17400	157	1.05	KF157 H107	
16	8820	89.89	1.45	KF 127		12	13600	122	1.35	KA157 H107	
18	8040	81.98	1.60	KA 127		14	11900	107	1.50	KAF157 H107	
21	6960	70.95	1.85	KAF 127		5.4	32800	179.86	1.55		
23	6140	62.60	2.1			5.9	30100	165.21	1.65	K 187	6P
27	5300	54.07	2.5			6.7	26300	144.59	1.90	KA 187	
31	4690	47.82	2.8			7.5	23600	129.69	2.1		
16	8920	90.03	0.90	K 107	4P	8.1	21700	179.86	2.3		
18	8110	82.11	1.00	KF 107		8.9	19900	165.21	2.5	K 187	4P
20	7190	71.06	1.10	KA 107		10	17400	144.59	2.9	KA 187	
22	6530	62.70	1.25	KAF 107		11	15600	129.69	3.2		
						11	16300	134.99	1.95	K 167	4P
						13	13200	109.83	2.4	KA 167	
						17	10600	87.86	3.0		

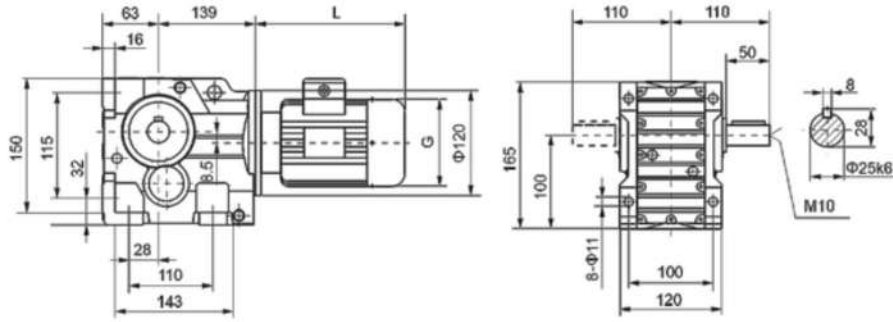
Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole				
18.5KW						22KW									
9.7	18300	100.22	1.00	K 157	6P	5.3	36700	278	0.85	K167 H97 KA167 HR97	4P				
11	16700	91.65	1.10	KF 157											
12	14500	79.75	1.25	KA 157											
14	12800	70.38	1.40	KAF 157											
12	14800	122.39	1.20	K 157 KF 157 KA 157 KAF 157	4P	8.1	23800	180	1.35						
15	12100	100.22	1.50			9.2	21100	160	1.50						
16	11100	91.65	1.65			11	17900	135	1.80						
18	9620	79.75	1.85			12	15600	118	2.0						
21	8490	70.38	2.1			9.3	20800	157	0.85						
24	7360	61.02	2.5			12	16200	122	1.10						
27	6550	54.29	2.8			14	14100	107	1.25						
31	5640	46.79	3.2			KAF157 H97									
39	4580	38.02	3.9												
13	13300	110.35	1.00	K 127 KF 127 KA 127 KAF 127	4P	5.4	39000	179.86	1.30	K 187 KA 187	6P				
16	10800	90.03	1.20			5.9	35800	165.21	1.40						
18	9890	82.11	1.30			6.7	31300	144.59	1.60						
21	8560	71.06	1.50			7.5	28100	129.69	1.80						
23	7550	62.70	1.70			8.6	24400	112.60	2.0						
27	6520	54.15	2.0			8.1	25800	179.86	1.95	K 187 KA 187	4P				
31	5770	47.90	2.2			8.9	23700	165.21	2.1						
36	4850	40.25	2.7			10	20700	144.59	2.4						
40	4370	36.30	3.0	11	18600	129.69	2.7								
47	3780	31.41	3.4	K 167 KA 167	4P	11	19400	134.99	1.65						
53	3340	27.72	3.9			13	15700	109.83	2.0						
20	8840	73.30	0.90			17	12600	87.86	2.5						
22	8020	66.52	1.00			19	11200	78.14	2.9						
26	6890	57.17	1.15	K 157 KF 157 KA 157 KAF 157	6P	9.7	21700	100.22	0.85						
29	6020	49.90	1.30			11	19900	91.65	0.90						
35	5100	42.33	1.45			12	17300	79.75	1.05						
40	4460	37.00	1.60			14	15200	70.38	1.20						
45	3940	32.68	1.85			16	13200	61.02	1.35						
47	3770	31.28	1.80			12	17600	122.39	1.05	K 157 KF 157 KA 157 KAF 157	4P				
51	3500	29.00	2.1			15	14400	100.22	1.25						
56	3170	26.32	2.3			16	13100	91.65	1.35						
65	2730	22.62	2.6	18	11400	79.75	1.55								
74	2380	19.74	3.0	21	10100	70.38	1.80								
88	2020	16.75	3.5	24	8750	61.02	2.1								
35	5050	41.87	0.85	27	7790	54.29	2.3								
48	3720	30.81	1.15	31	6710	46.79	2.7								
53	3360	27.90	1.30	39	5450	38.02	3.3								
59	2980	24.74	1.45	K 97 KF 97 KA 97 KAF 97	4P	16	12900	90.03	1.00	K 127 KF 127 KA 127 KAF 127	4P				
65	2700	22.37	1.60			18	11800	82.11	1.10						
77	2290	18.96	1.90			21	10200	71.06	1.30						
88	2000	16.56	2.2			23	8980	62.70	1.45						
106	1670	13.85	2.6			27	7750	54.15	1.70						
122	1450	11.99	2.7			31	6860	47.90	1.90						
59	3000	24.92	0.85			36	5760	40.25	2.3						
65	2700	22.40	0.85			40	5200	36.30	2.5						
75	2340	19.45	1.00	47	4500	31.41	2.9								
84	2100	17.41	1.05	53	3970	27.72	3.3								
101	1740	14.45	1.20	61	3430	23.94	3.8								
117	1510	12.56	1.30	69	3030	21.71	4.3								
131	1350	11.16	1.10	K 87 KF 87 KA 87 KAF 87	4P	26	8200	57.17	1.00	K 107 KF 107 KA 107 KAF 107	4P				
147	1210	10.00	1.25			29	7160	49.90	1.10						
177	1000	8.29	1.40			35	6070	42.33	1.20						
203	870	7.21	1.50			40	5310	37.00	1.35						
22KW						45	4690	32.69	1.55			K 107 KF 107 KA 107 KAF 107	4P		
3.2	60000	454	0.85			K187 H107 KA187 H107	4P	47	4490					31.28	1.50
4.1	47000	355	1.05					51	4160					29.00	1.75
5.6	34500	261	1.45					56	3770					26.32	1.90
6.6	29300	221	1.70	65	3240			22.62	2.2						
7.6	25600	193	1.95	74	2830			19.74	2.5						
8.9	21600	163	2.3												

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _B)	Type	Motor pole																																																																																																																																																																																																																																																																																																																																																																																																																						
22KW						30KW																																																																																																																																																																																																																																																																																																																																																																																																																											
88	2400	16.75	2.9		4P	41	7060	36.30	1.85	K 127	4P																																																																																																																																																																																																																																																																																																																																																																																																																						
100	2100	14.63	3.3	K 107		109	1930	13.43	2.2	KF 107		125	1680	11.73	2.6	KA 107	147	1430	9.94	2.9	KAF 107	48	4420	30.82	0.95		4P	35	8250	42.33	0.90		4P	53	4000	27.91	1.05		59	3550	24.75	1.20	K 97	65	3210	22.37	1.35	KF 97	77	2720	18.96	1.60	KA 97	88	2370	16.56	1.80	KAF 97	106	1990	13.85	2.2		122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820	24.75	0.90		4P	84	2500	17.41	0.90	K 87	101	2070	14.44	1.00	KF 87	117	1800	12.56	1.10	KA 87	131	1600	11.16	0.95	KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85		4P	6.6	39800	221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P	7.1	37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107	4P	8.9	32200	165.21	1.55		10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15		4P	17	17100	87.86	1.85		19	15200	78.14	2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25		4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																
109	1930	13.43	2.2	KF 107		125	1680	11.73	2.6	KA 107		147	1430	9.94	2.9	KAF 107	48	4420	30.82	0.95		4P	35	8250	42.33	0.90			4P	53	4000	27.91		1.05		59	3550	24.75	1.20	K 97	65	3210	22.37	1.35	KF 97	77	2720	18.96	1.60	KA 97	88	2370	16.56	1.80	KAF 97	106	1990	13.85	2.2		122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820		24.75	0.90		4P	84		2500	17.41	0.90	K 87	101	2070	14.44	1.00	KF 87	117	1800	12.56	1.10	KA 87	131	1600	11.16	0.95	KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P		5.6	58000	261	0.85			4P	6.6	39800	221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85			4P	6.6	49200	221		1.00	K187 H107	4P	7.1	37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100		179.86	1.45		4P	5.6		49200	221	1.00	K187 H107	4P	8.9	32200	165.21	1.55		10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9			13	21400	109.83	1.50			4P	8.2	43200	179.86	1.15		4P	17	17100	87.86	1.85		19	15200	78.14	2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700	165.21	1.25		4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47		6100	31.30	3.0		21		13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40		KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																				
125	1680	11.73	2.6	KA 107		147	1430	9.94	2.9	KAF 107		48	4420	30.82	0.95		4P	35	8250	42.33	0.90			4P	53	4000		27.91		1.05		59		3550	24.75	1.20	K 97	65	3210	22.37	1.35	KF 97	77	2720	18.96	1.60	KA 97	88	2370	16.56	1.80	KAF 97	106	1990	13.85	2.2		122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820		24.75	0.90			4P	84		2500		17.41	0.90	K 87	101	2070	14.44	1.00	KF 87	117	1800	12.56	1.10	KA 87	131	1600	11.16	0.95	KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P			5.6	58000	261	0.85				4P	6.6	39800	221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213		0.85			4P	6.6		49200	221		1.00	K187 H107	4P	7.1	37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50			8.2	35100		179.86		1.45		4P	5.6		49200	221	1.00	K187 H107	4P	8.9	32200	165.21	1.55		10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5			17	17200	88.00	2.9				13	21400	109.83	1.50			4P	8.2	43200	179.86	1.15		4P	17	17100	87.86	1.85		19	15200	78.14	2.1	K 167	22		13300	68.07	2.4	KA 167	24		11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700	165.21	1.25		4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120		46.79	1.95		39	7410		38.02	2.4		47		6100	31.30	3.0		21		13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P	23	12200	62.70		1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40		KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127								
147	1430	9.94	2.9	KAF 107		48	4420	30.82	0.95			4P	35	8250	42.33	0.90			4P	53	4000		27.91		1.05			59		3550	24.75	1.20		K 97	65	3210	22.37	1.35	KF 97	77	2720	18.96	1.60	KA 97	88	2370	16.56	1.80	KAF 97	106	1990	13.85	2.2		122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820		24.75	0.90			4P		84		2500		17.41		0.90	K 87	101	2070	14.44	1.00	KF 87	117	1800	12.56	1.10	KA 87	131	1600	11.16	0.95	KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P				5.6	58000	261	0.85					4P	6.6	39800	221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300		213		0.85				4P	6.6		49200	221		1.00	K187 H107	4P	7.1	37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12		21300	118	1.50				8.2	35100		179.86		1.45		4P	5.6		49200	221	1.00	K187 H107	4P	8.9	32200	165.21	1.55		10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3			14	19900	102.16	2.5				17	17200	88.00	2.9				13	21400	109.83	1.50			4P	8.2	43200	179.86	1.15		4P	17	17100	87.86	1.85			19	15200	78.14	2.1		K 167	22		13300	68.07	2.4	KA 167	24		11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700	165.21	1.25		4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02		1.50	KA 157	27	10600	54.29		1.70	KAF 157	31	9120		46.79	1.95		39	7410		38.02	2.4		47		6100	31.30	3.0		21		13800	71.06	0.95		K 127	4P	13	26400	109.83	1.20		4P	23	12200	62.70		1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40		KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127	37
48	4420	30.82	0.95		4P	35	8250	42.33	0.90		4P																																																																																																																																																																																																																																																																																																																																																																																																																						
53	4000	27.91	1.05			59	3550	24.75	1.20	K 97			65	3210	22.37	1.35		KF 97		77	2720		18.96		1.60	KA 97		88		2370	16.56	1.80		KAF 97	106	1990	13.85	2.2		122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820	24.75	0.90		4P	84	2500	17.41	0.90	K 87	101	2070	14.44		1.00	KF 87		117	1800		12.56			1.10		KA 87		131		1600	11.16	0.95	KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85		4P	6.6	39800	221	1.25	K187 H107	7.6			34800	193	1.45	KA187 H107	9.0	29400	163	1.70				6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P	7.1	37000	206	0.85			8.1		32400		180			1.00		K167 H107	9.2		28700	160		1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221		1.00	K187 H107	4P		8.9		32200	165.21		1.55			10		28200		144.59	1.75	K 187	11		25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13		21400	109.83	1.50		4P			8.2	43200	179.86	1.15				4P	17	17100	87.86	1.85				19	15200	78.14	2.1		K 167	22	13300	68.07		2.4	KA 167	24	11800	60.74		2.7			13	26400	109.83	1.20			4P	8.9		39700	165.21	1.25		4P		15	19500		100.22	0.90		16	17900		91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157		31	9120	46.79	1.95			39	7410	38.02	2.4			47	6100	31.30	3.0			21	13800	71.06		0.95	K 127	4P	13	26400		109.83	1.20		4P	23		12200	62.70	1.05	KF 127	27		10500	54.15	1.25		KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65			23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127		31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127	
59	3550	24.75	1.20	K 97		65	3210	22.37	1.35	KF 97			77	2720	18.96	1.60		KA 97		88	2370		16.56		1.80	KAF 97		106		1990	13.85	2.2			122	1720	11.99	2.3		141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820	24.75	0.90			4P	84	2500	17.41		0.90	K 87	101	2070	14.44	1.00	KF 87	117		1800	12.56		1.10	KA 87		131			1600		11.16		0.95		KAF 87	147	1430	10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000		261	0.85		4P	6.6		39800	221	1.25	K187 H107	7.6	34800		193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213		0.85		4P	6.6	49200		221	1.00	K187 H107	4P	7.1		37000	206	0.85		8.1	32400	180		1.00		K167 H107	9.2		28700		160	1.10		KA167 H107	11		24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200		221	1.00	K187 H107		4P	8.9			32200		165.21	1.55				10	28200		144.59		1.75	K 187	11	25300		129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400		109.83	1.50		4P				8.2	43200	179.86	1.15					4P	17	17100	87.86			1.85		19	15200	78.14		2.1	K 167	22	13300		68.07	2.4	KA 167	24	11800		60.74	2.7			13	26400	109.83	1.20					4P	8.9	39700	165.21			1.25			4P	15	19500	100.22	0.90			16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02		2.4		47	6100	31.30		3.0		21	13800		71.06	0.95		K 127	4P		13	26400	109.83		1.20			4P	23	12200	62.70		1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25		1.65		23	15000	62.70		0.85	K 127	4P	27	13000		54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25
65	3210	22.37	1.35	KF 97		77	2720	18.96	1.60	KA 97			88	2370	16.56	1.80		KAF 97		106	1990		13.85		2.2			122		1720	11.99	2.3			141	1490	10.41	1.90		168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820	24.75	0.90			4P	84	2500		17.41		0.90	K 87	101		2070	14.44	1.00	KF 87	117	1800	12.56	1.10		KA 87	131		1600	11.16		0.95			KAF 87		147		1430		10.00	1.05		177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000		261	0.85			4P	6.6		39800		221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P	6.6	49200		221	1.00		K187 H107	4P	7.1		37000		206	0.85		8.1	32400	180	1.00	K167 H107	9.2		28700	160		1.10	KA167 H107	11	24400		135	1.30			12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200		221	1.00		K187 H107	4P	8.9			32200			165.21		1.55			10		28200	144.59		1.75		K 187	11	25300	129.69		2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83		1.50		4P					8.2	43200	179.86	1.15						4P	17	17100			87.86	1.85		19	15200		78.14	2.1	K 167	22		13300	68.07	2.4	KA 167	24		11800	60.74		2.7		13	26400	109.83			1.20				4P	8.9			39700	165.21			1.25		4P	15		19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21		13800	71.06		0.95			K 127	4P	13		26400		109.83		1.20		4P		23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23		15000	62.70		0.85	K 127		4P	27	13000	54.15	1.00	KF 127	31	11500	47.90	1.15	KA 127
77	2720	18.96	1.60	KA 97		88	2370	16.56	1.80	KAF 97			106	1990	13.85	2.2				122	1720		11.99		2.3			141		1490	10.41	1.90			168	1250	8.71	2.1		75	2790	19.45	0.80		4P	59	4820	24.75	0.90			4P	84	2500		17.41		0.90	K 87		101		2070	14.44	1.00		KF 87	117	1800	12.56	1.10	KA 87	131	1600		11.16	0.95		KAF 87	147		1430			10.00		1.05				177	1190	8.29	1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000		261	0.85			4P		6.6		39800		221		1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P		6.6	49200		221	1.00		K187 H107		4P		7.1		37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160		1.10	KA167 H107	11	24400	135	1.30			12	21300	118	1.50		8.2	35100	179.86	1.45		4P		5.6	49200		221	1.00		K187 H107		4P	8.9		32200			165.21	1.55		10		28200		144.59	1.75		K 187		11	25300	129.69	2.0		KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50			4P						8.2	43200	179.86	1.15							4P	17			17100	87.86	1.85		19		15200	78.14	2.1	K 167		22	13300	68.07	2.4	KA 167		24	11800		60.74	2.7		13	26400			109.83			1.20					4P	8.9			39700	165.21		1.25			4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21		13800		71.06	0.95		K 127		4P		13		26400	109.83			1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25		1.65			23	15000	62.70		0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500
88	2370	16.56	1.80	KAF 97		106	1990	13.85	2.2				122	1720	11.99	2.3				141	1490		10.41		1.90			168		1250	8.71	2.1			75	2790	19.45	0.80		4P	59	4820	24.75	0.90			4P	84	2500		17.41		0.90	K 87		101		2070	14.44		1.00		KF 87	117	1800		12.56	1.10	KA 87	131	1600	11.16	0.95	KAF 87		147	1430		10.00	1.05					177		1190		8.29		1.20		203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000		261	0.85			4P		6.6		39800	221		1.25		K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P	6.6	49200			221	1.00		K187 H107	4P		7.1				37000		206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200			221	1.00		K187 H107	4P		8.9			32200		165.21		1.55		10	28200	144.59		1.75	K 187	11	25300		129.69		2.0	KA 187	13	21900		112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2		43200							179.86	1.15		4P	17							17100			87.86	1.85		19	15200		78.14	2.1	K 167	22		13300	68.07	2.4	KA 167	24		11800	60.74		2.7		13	26400	109.83			1.20					4P				8.9			39700	165.21		1.25				4P	15	19500	100.22	0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0			21		13800	71.06		0.95			K 127	4P		13	26400		109.83	1.20			4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830		40.25	1.65			23	15000		62.70	0.85		K 127	4P	27	13000	54.15	1.00	KF 127
106	1990	13.85	2.2			122	1720	11.99	2.3				141	1490	10.41	1.90				168	1250		8.71		2.1			75		2790	19.45	0.80			4P	59	4820	24.75	0.90			4P	84	2500		17.41		0.90	K 87		101		2070	14.44		1.00		KF 87	117		1800		12.56	1.10	KA 87		131	1600	11.16	0.95	KAF 87	147	1430	10.00		1.05			177	1190		8.29		1.20			203		1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85			4P		6.6	39800		221		1.25	K187 H107		7.6	34800		193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P	6.6	49200	221	1.00		K187 H107	4P			7.1	37000		206			0.85						8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200		221	1.00			K187 H107	4P		8.9			32200			165.21		1.55			10	28200	144.59	1.75	K 187	11	25300	129.69	2.0		KA 187	13	21900	112.60	2.3			14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200		179.86	1.15						4P		17	17100	87.86		1.85										19	15200	78.14	2.1	K 167		22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83		1.20		4P	8.9	39700			165.21			1.25									4P	15		19500		100.22			0.90		16	17900	91.65	1.00		18	15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06		0.95		K 127	4P		13			26400			109.83	1.20			4P	23			12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23		15000	62.70	0.85		K 127	4P		27		13000	54.15	1.00	KF 127	31
122	1720	11.99	2.3			141	1490	10.41	1.90				168	1250	8.71	2.1				75	2790		19.45		0.80		4P	59		4820	24.75	0.90		4P		84	2500	17.41	0.90		K 87		101	2070		14.44		1.00	KF 87		117		1800	12.56		1.10		KA 87	131		1600		11.16	0.95	KAF 87		147	1430	10.00	1.05		177	1190	8.29		1.20			203	1030	7.21	1.25			30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85		4P	6.6		39800	221	1.25	K187 H107		7.6			34800	193	1.45	KA187 H107		9.0	29400		163	1.70		6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P	7.1		37000	206	0.85			8.1				32400	180		1.00		K167 H107	9.2				28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107	4P	8.9		32200	165.21		1.55				10			28200			144.59			1.75		K 187		11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15		4P	17		17100	87.86		1.85		19						15200	78.14	2.1	K 167		22	13300						68.07			2.4	KA 167	24	11800	60.74		2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25		4P	15	19500		100.22	0.90			16			17900						91.65				1.00				18			15500	79.75	1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P	23		12200			62.70	1.05		KF 127			27	10500		54.15		1.25			KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500		47.90			1.15		KA 127	37	9660	40.25	1.35
141	1490	10.41	1.90			168	1250	8.71	2.1				75	2790	19.45	0.80				4P	59	4820	24.75		0.90			4P	84	2500	17.41	0.90	K 87			101	2070	14.44	1.00		KF 87		117	1800		12.56		1.10	KA 87		131		1600	11.16		0.95		KAF 87	147		1430		10.00	1.05			177	1190	8.29	1.20		203	1030	7.21		1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85		4P		6.6	39800	221	1.25	K187 H107		7.6		34800	193	1.45	KA187 H107		9.0		29400	163	1.70		6.9		38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P		7.1	37000	206	0.85			8.1		32400	180	1.00	K167 H107		9.2				28700	160	1.10	KA167 H107		11	24400			135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107	4P		8.9	32200	165.21	1.55			10		28200	144.59		1.75	K 187			11			25300			129.69			2.0		KA 187		13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15			4P	17	17100	87.86		1.85			19		15200	78.14	2.1						K 167	22	13300	68.07		2.4	KA 167	24					11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700	165.21	1.25			4P	15	19500	100.22		0.90			16	17900	91.65		1.00			18				15500		79.75				1.15		K 157		21			13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20			4P	23	12200	62.70		1.05	KF 127	27			10500	54.15		1.25		KA 127	31	9320		47.90		1.40			KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00		KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25			1.35		KAF 127				
168	1250	8.71	2.1			75	2790	19.45	0.80				4P	59	4820	24.75	0.90				4P	84	2500	17.41	0.90	K 87			101	2070	14.44	1.00	KF 87			117	1800	12.56	1.10		KA 87		131	1600		11.16		0.95	KAF 87		147		1430	10.00		1.05			177		1190		8.29	1.20			203	1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05		4P	5.6	58000	261	0.85			4P	6.6	39800	221	1.25			K187 H107	7.6	34800	193	1.45		KA187 H107		9.0	29400	163	1.70		6.9		38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107		4P	7.1	37000	206	0.85				8.1	32400	180	1.00		K167 H107		9.2	28700	160	1.10		KA167 H107			11	24400	135	1.30			12	21300	118		1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107		4P	8.9	32200	165.21	1.55				10	28200	144.59	1.75		K 187		11	25300		129.69	2.0			KA 187			13		21900	112.60			2.3			14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15			4P	17	17100	87.86		1.85			19	15200		78.14		2.1	K 167		22	13300	68.07						2.4	KA 167	24	11800		60.74	2.7						13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25			4P	15	19500	100.22		0.90			16	17900		91.65	1.00			18	15500		79.75	1.15		K 157				21		13700	70.38			1.30		KF 157	24	11900			61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20			4P	23	12200	62.70		1.05		KF 127	27	10500		54.15	1.25	KA 127		31	9320	47.90		1.40		KAF 127	37	7830	40.25	1.65					23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127		31	11500	47.90	1.15		KA 127	37	9660	40.25	1.35	KAF 127												
75	2790	19.45	0.80			4P	59	4820	24.75	0.90				4P																																																																																																																																																																																																																																																																																																																																																																																																																			
84	2500	17.41	0.90	K 87	101		2070	14.44	1.00	KF 87	117	1800			12.56	1.10	KA 87	131	1600			11.16	0.95	KAF 87	147	1430			10.00	1.05		177	1190			8.29	1.20		203		1030		7.21	1.25				30KW						37KW						5.6	47000		261	1.05		4P	5.6	58000	261	0.85		4P	6.6	39800	221	1.25	K187 H107	7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9		38300	213	0.85		4P			6.6	49200	221	1.00		K187 H107	4P	7.1	37000	206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135		1.30		12	21300	118			1.50		8.2	35100			179.86	1.45		4P	5.6		49200		221	1.00	K187 H107	4P	8.9	32200		165.21	1.55		10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3			14	19900	102.16	2.5				17	17200	88.00	2.9				13	21400	109.83	1.50				4P	8.2		43200	179.86		1.15			4P	17		17100	87.86	1.85			19	15200	78.14	2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400		109.83	1.20		4P	8.9			39700	165.21	1.25				4P	15	19500		100.22		0.90			16	17900	91.65				1.00			18	15500	79.75		1.15	K 157	21	13700				70.38	1.30	KF 157	24	11900		61.02	1.50	KA 157	27	10600			54.29	1.70	KAF 157		31		9120	46.79	1.95			39		7410	38.02	2.4		47	6100		31.30			3.0			21	13800			71.06		0.95	K 127	4P			13	26400	109.83	1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000		62.70	0.85	K 127	4P	27			13000	54.15	1.00		KF 127		31	11500	47.90		1.15	KA 127	37		9660	40.25	1.35	KAF 127																																														
101	2070	14.44	1.00	KF 87	117		1800	12.56	1.10	KA 87	131	1600			11.16	0.95	KAF 87	147	1430			10.00	1.05		177	1190			8.29	1.20		203	1030			7.21	1.25		30KW							37KW							5.6	47000	261	1.05			4P	5.6	58000	261	0.85		4P		6.6	39800	221	1.25	K187 H107		7.6	34800	193	1.45	KA187 H107	9.0	29400	163	1.70		6.9	38300	213	0.85		4P		6.6	49200	221	1.00		K187 H107		4P	7.1	37000	206	0.85			8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118		1.50		8.2	35100	179.86			1.45		4P	5.6			49200	221	1.00		K187 H107		4P	8.9	32200	165.21	1.55			10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5			17	17200	88.00	2.9				13	21400	109.83	1.50				4P	8.2	43200	179.86		1.15					4P	17	17100	87.86	1.85					19	15200	78.14	2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9		39700	165.21	1.25					4P	15	19500		100.22			0.90			16		17900	91.65		1.00		18			15500	79.75		1.15	K 157	21	13700		70.38	1.30	KF 157	24	11900			61.02	1.50	KA 157	27	10600		54.29	1.70	KAF 157	31	9120			46.79	1.95			39		7410	38.02	2.4			47		6100	31.30	3.0		21	13800	71.06	0.95			K 127	4P		13	26400	109.83		1.20			4P				23	12200	62.70	1.05	KF 127		27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27		13000	54.15	1.00		KF 127			31	11500	47.90		1.15		KA 127	37	9660		40.25	1.35	KAF 127																																																			
117	1800	12.56	1.10	KA 87	131		1600	11.16	0.95	KAF 87	147	1430			10.00	1.05		177	1190			8.29	1.20		203	1030			7.21	1.25		30KW						37KW						5.6		47000		261	1.05		4P		5.6	58000	261	0.85		4P		6.6	39800	221	1.25	K187 H107			7.6	34800	193	1.45	KA187 H107		9.0	29400	163	1.70		6.9	38300	213	0.85		4P	6.6	49200	221	1.00		K187 H107	4P	7.1	37000	206		0.85			8.1	32400	180	1.00	K167 H107		9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86		1.45		4P	5.6	49200			221	1.00		K187 H107		4P	8.9	32200	165.21		1.55			10	28200	144.59	1.75		K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9			13	21400	109.83	1.50				4P	8.2	43200	179.86			1.15			4P	17		17100			87.86	1.85			19	15200	78.14			2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25				4P	15	19500		100.22				0.90			16			17900	91.65		1.00			18		15500	79.75	1.15		K 157	21	13700		70.38	1.30	KF 157	24		11900	61.02	1.50	KA 157	27	10600		54.29	1.70	KAF 157	31	9120		46.79	1.95		39	7410			38.02	2.4			47		6100	31.30	3.0			21		13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20					4P	23	12200		62.70	1.05	KF 127					27	10500	54.15	1.25	KA 127		31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00		KF 127		31	11500	47.90		1.15			KA 127	37	9660	40.25	1.35		KAF 127																																																									
131	1600	11.16	0.95	KAF 87	147		1430	10.00	1.05		177	1190			8.29	1.20		203	1030			7.21	1.25		30KW						37KW						5.6	47000	261		1.05			4P	5.6	58000		261	0.85			4P	6.6	39800	221	1.25	K187 H107			7.6	34800	193	1.45	KA187 H107			9.0	29400	163	1.70			6.9	38300	213	0.85		4P	6.6	49200	221	1.00		K187 H107	4P	7.1	37000		206		0.85		8.1		32400	180		1.00	K167 H107	9.2	28700	160		1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P		5.6	49200		221	1.00	K187 H107		4P	8.9		32200	165.21		1.55		10		28200	144.59		1.75	K 187	11	25300		129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83		1.50		4P	8.2	43200				179.86	1.15				4P		17		17100		87.86	1.85			19		15200	78.14	2.1	K 167	22		13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700		165.21	1.25		4P		15			19500	100.22		0.90					16		17900			91.65	1.00				18	15500		79.75	1.15	K 157	21	13700	70.38	1.30		KF 157	24	11900	61.02		1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95			39	7410	38.02	2.4				47	6100	31.30		3.0			21	13800		71.06	0.95		K 127	4P	13	26400		109.83	1.20		4P		23		12200		62.70	1.05		KF 127	27	10500			54.15		1.25	KA 127	31	9320	47.90		1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000		54.15	1.00	KF 127	31		11500		47.90	1.15	KA 127		37	9660		40.25	1.35	KAF 127																																																													
147	1430	10.00	1.05		177		1190	8.29	1.20		203	1030			7.21	1.25		30KW						37KW						5.6	47000	261	1.05				4P	5.6	58000	261	0.85				4P	6.6	39800	221	1.25	K187 H107			7.6	34800	193	1.45	KA187 H107			9.0	29400	163	1.70			6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P		7.1	37000	206	0.85				8.1	32400		180		1.00	K167 H107	9.2		28700	160		1.10	KA167 H107	11	24400	135		1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00		K187 H107	4P	8.9		32200	165.21	1.55			10		28200	144.59		1.75	K 187	11		25300	129.69		2.0	KA 187	13	21900		112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200		179.86	1.15			4P				17	17100	87.86		1.85					19	15200	78.14	2.1		K 167	22		13300	68.07	2.4	KA 167	24		11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25			4P		15	19500	100.22			0.90				16		17900				91.65	1.00					18	15500		79.75		1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02		1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4			47	6100	31.30	3.0				21	13800	71.06		0.95		K 127	4P	13		26400	109.83		1.20			4P		23	12200	62.70		1.05	KF 127		27		10500	54.15		1.25	KA 127	31			9320	47.90	1.40	KAF 127	37	7830	40.25		1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00		KF 127	31		11500	47.90	1.15	KA 127		37	9660	40.25	1.35	KAF 127																																																																				
177	1190	8.29	1.20		203		1030	7.21	1.25		30KW						37KW						5.6	47000	261	1.05				4P	5.6	58000	261		0.85			4P	6.6	39800	221	1.25	K187 H107			7.6	34800	193	1.45	KA187 H107			9.0	29400	163	1.70			6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107	4P		7.1	37000	206	0.85				8.1	32400	180	1.00		K167 H107		9.2	28700		160		1.10	KA167 H107	11		24400	135		1.30		12	21300	118		1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00		K187 H107	4P	8.9	32200		165.21		1.55			10	28200	144.59		1.75		K 187	11		25300	129.69	2.0		KA 187	13		21900	112.60	2.3			14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200		179.86	1.15			4P		17		17100			87.86	1.85		19	15200			78.14		2.1	K 167	22	13300		68.07	2.4		KA 167	24	11800	60.74	2.7			13	26400	109.83	1.20		4P	8.9	39700		165.21	1.25		4P		15			19500	100.22	0.90						16	17900		91.65				1.00			18			15500	79.75		1.15	K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30		3.0		21	13800	71.06			0.95	K 127	4P		13		26400		109.83		1.20		4P	23		12200			62.70	1.05	KF 127		27	10500		54.15		1.25	KA 127	31	9320	47.90	1.40			KAF 127	37	7830	40.25	1.65		23		15000	62.70	0.85	K 127	4P	27	13000		54.15	1.00	KF 127	31		11500	47.90		1.15	KA 127	37	9660		40.25	1.35	KAF 127																																																																						
203	1030	7.21	1.25		30KW						37KW						5.6	47000	261			1.05		4P	5.6	58000	261		0.85			4P	6.6	39800	221	1.25			K187 H107	7.6	34800	193	1.45			KA187 H107	9.0	29400	163	1.70			6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107		4P	7.1	37000	206	0.85				8.1	32400	180	1.00			K167 H107	9.2	28700	160		1.10		KA167 H107	11		24400		135	1.30		12	21300	118		1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107		4P	8.9	32200	165.21		1.55			10		28200		144.59		1.75	K 187	11	25300		129.69		2.0	KA 187		13	21900	112.60		2.3			14	19900	102.16	2.5			17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86		1.15			4P	17	17100	87.86			1.85			19		15200	78.14	2.1	K 167	22			13300		68.07	2.4	KA 167	24		11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700	165.21		1.25			4P	15	19500			100.22			0.90		16			17900			91.65	1.00						18	15500	79.75	1.15			K 157	21	13700	70.38	1.30	KF 157	24	11900	61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800		71.06	0.95	K 127	4P	13			26400	109.83		1.20			4P		23	12200	62.70	1.05		KF 127		27			10500	54.15	1.25		KA 127	31		9320		47.90	1.40	KAF 127	37	7830	40.25		1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127		31	11500		47.90	1.15	KA 127	37		9660	40.25		1.35	KAF 127																																																																												
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5.6	47000	261	1.05		4P		5.6	58000	261	0.85		4P																																																																																																																																																																																																																																																																																																																																																																																																																					
6.6	39800	221	1.25	K187 H107		7.6	34800	193	1.45	KA187 H107	9.0		29400	163	1.70		6.9	38300	213	0.85		4P	6.6		49200	221	1.00	K187 H107	4P	7.1	37000		206	0.85		8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100		179.86	1.45		4P	5.6			49200	221	1.00	K187 H107			4P	8.9	32200	165.21	1.55			10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13		21400	109.83	1.50		4P			8.2	43200	179.86		1.15			4P		17		17100		87.86	1.85		19		15200	78.14	2.1	K 167		22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25		4P	15		19500	100.22	0.90			16			17900	91.65	1.00					18	15500		79.75	1.15	K 157	21	13700			70.38		1.30	KF 157	24	11900		61.02	1.50		KA 157	27	10600	54.29	1.70		KAF 157	31		9120	46.79	1.95			39			7410	38.02			2.4				47	6100			31.30	3.0			21		13800	71.06	0.95		K 127	4P	13	26400	109.83		1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31	11500	47.90		1.15	KA 127	37	9660	40.25		1.35	KAF 127																																																																																																																																				
7.6	34800	193	1.45	KA187 H107		9.0	29400	163	1.70		6.9		38300	213	0.85		4P	6.6	49200	221	1.00		K187 H107	4P	7.1	37000	206	0.85			8.1	32400	180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6		49200	221	1.00		K187 H107			4P	8.9	32200	165.21		1.55			10	28200	144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P		8.2	43200	179.86	1.15					4P	17		17100		87.86			1.85			19	15200	78.14	2.1	K 167		22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25			4P	15	19500	100.22		0.90			16	17900		91.65	1.00				18	15500			79.75		1.15	K 157		21	13700	70.38	1.30	KF 157			24		11900	61.02	1.50	KA 157	27	10600	54.29		1.70	KAF 157	31	9120	46.79	1.95		39		7410	38.02	2.4			47			6100	31.30			3.0				21	13800			71.06	0.95		K 127	4P	13	26400	109.83	1.20				4P	23	12200	62.70	1.05	KF 127		27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00		KF 127	31	11500	47.90	1.15	KA 127	37	9660		40.25	1.35	KAF 127																																																																																																																																									
9.0	29400	163	1.70			6.9	38300	213	0.85		4P		6.6	49200	221	1.00		K187 H107	4P	7.1	37000		206		0.85		8.1	32400		180	1.00	K167 H107	9.2	28700	160	1.10	KA167 H107	11	24400	135	1.30		12	21300	118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200		221		1.00	K187 H107	4P		8.9	32200			165.21	1.55		10	28200		144.59	1.75	K 187	11	25300	129.69	2.0	KA 187	13	21900	112.60	2.3		14	19900	102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200			179.86	1.15		4P				17		17100		87.86		1.85			19		15200	78.14	2.1	K 167	22	13300	68.07	2.4	KA 167	24	11800	60.74	2.7		13	26400	109.83	1.20		4P	8.9	39700		165.21	1.25		4P		15		19500	100.22	0.90				16	17900	91.65		1.00				18	15500	79.75			1.15		K 157	21		13700	70.38	1.30	KF 157	24		11900	61.02		1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4			47	6100		31.30	3.0				21			13800			71.06	0.95	K 127		4P	13	26400		109.83		1.20		4P	23	12200	62.70			1.05	KF 127	27	10500	54.15		1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000		54.15	1.00	KF 127	31		11500	47.90	1.15	KA 127	37	9660	40.25	1.35		KAF 127																																																																																																																																											
6.9	38300	213	0.85		4P	6.6	49200	221	1.00	K187 H107		4P																																																																																																																																																																																																																																																																																																																																																																																																																					
7.1	37000	206	0.85			8.1	32400	180	1.00	K167 H107			9.2	28700	160	1.10		KA167 H107		11	24400		135		1.30		12	21300		118	1.50		8.2	35100	179.86	1.45		4P	5.6	49200	221	1.00	K187 H107	4P	8.9	32200	165.21	1.55		10	28200	144.59		1.75	K 187		11	25300	129.69	2.0			KA 187	13	21900		112.60	2.3		14	19900		102.16	2.5		17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15		4P	17	17100	87.86	1.85		19	15200	78.14		2.1	K 167			22	13300	68.07			2.4		KA 167		24	11800	60.74	2.7			13	26400	109.83	1.20		4P	8.9	39700	165.21	1.25		4P	15	19500	100.22	0.90		16	17900	91.65	1.00			18	15500		79.75	1.15	K 157			21		13700	70.38	1.30		KF 157		24	11900	61.02		1.50	KA 157			27	10600	54.29		1.70	KAF 157		31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P	23		12200	62.70	1.05		KF 127	27			10500	54.15		1.25	KA 127		31	9320	47.90	1.40	KAF 127		37	7830	40.25	1.65			23		15000	62.70	0.85			K 127	4P	27	13000	54.15		1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																			
8.1	32400	180	1.00	K167 H107		9.2	28700	160	1.10	KA167 H107			11	24400	135	1.30				12	21300		118		1.50		8.2	35100		179.86	1.45		4P	5.6	49200	221	1.00		K187 H107	4P	8.9	32200	165.21		1.55		10	28200	144.59	1.75	K 187	11		25300	129.69		2.0	KA 187	13	21900			112.60	2.3			14	19900	102.16	2.5			17	17200	88.00	2.9		13	21400	109.83	1.50		4P	8.2	43200		179.86	1.15		4P	17		17100	87.86	1.85		19	15200	78.14	2.1		K 167	22		13300	68.07	2.4	KA 167			24	11800	60.74		2.7		13	26400	109.83		1.20		4P	8.9	39700		165.21	1.25		4P	15		19500	100.22	0.90		16	17900	91.65	1.00		18		15500	79.75		1.15	K 157	21			13700		70.38	1.30	KF 157		24		11900	61.02	1.50		KA 157	27	10600		54.29	1.70	KAF 157		31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400		109.83	1.20		4P	23		12200		62.70	1.05	KF 127		27	10500	54.15		1.25	KA 127		31	9320	47.90	1.40	KAF 127	37	7830	40.25		1.65		23	15000		62.70	0.85		K 127	4P	27			13000		54.15	1.00	KF 127		31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																					
9.2	28700	160	1.10	KA167 H107		11	24400	135	1.30				12	21300	118	1.50				8.2	35100	179.86	1.45			4P	5.6	49200	221	1.00	K187 H107	4P		8.9	32200	165.21	1.55				10	28200	144.59		1.75	K 187	11	25300	129.69	2.0	KA 187	13		21900	112.60		2.3		14	19900			102.16	2.5			17	17200	88.00	2.9			13	21400	109.83	1.50		4P	8.2	43200	179.86	1.15			4P		17	17100	87.86		1.85			19	15200	78.14	2.1	K 167	22	13300		68.07	2.4		KA 167	24	11800	60.74			2.7		13		26400	109.83	1.20		4P		8.9	39700		165.21	1.25			4P	15		19500		100.22	0.90		16	17900	91.65	1.00		18	15500		79.75	1.15		K 157	21	13700			70.38		1.30	KF 157	24		11900		61.02	1.50	KA 157	27	10600	54.29	1.70		KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400		109.83	1.20			4P	23		12200		62.70		1.05	KF 127	27	10500	54.15	1.25	KA 127		31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23		15000	62.70	0.85	K 127		4P	27		13000		54.15	1.00		KF 127		31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																									
11	24400	135	1.30			12	21300	118	1.50				8.2	35100	179.86	1.45		4P		5.6	49200	221	1.00	K187 H107	4P		8.9	32200	165.21	1.55				10	28200	144.59	1.75		K 187		11	25300	129.69		2.0	KA 187	13	21900	112.60	2.3		14		19900	102.16		2.5		17	17200			88.00	2.9			13	21400	109.83	1.50			4P	8.2	43200	179.86	1.15			4P	17	17100		87.86			1.85		19		15200		78.14	2.1	K 167	22	13300	68.07	2.4	KA 167		24	11800		60.74	2.7		13			26400	109.83	1.20			4P	8.9	39700			165.21	1.25			4P		15		19500		100.22		0.90		16	17900	91.65	1.00		18	15500	79.75		1.15	K 157		21	13700	70.38			1.30		KF 157	24	11900		61.02	1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400		109.83	1.20			4P		23		12200		62.70		1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85		K 127	4P	27	13000	54.15		1.00		KF 127		31	11500	47.90	1.15		KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																													
12	21300	118	1.50			8.2	35100	179.86	1.45		4P		5.6	49200	221	1.00	K187 H107		4P	8.9	32200	165.21	1.55				10	28200	144.59	1.75	K 187			11	25300	129.69	2.0		KA 187		13	21900	112.60		2.3		14	19900	102.16	2.5		17		17200	88.00		2.9		13	21400		109.83	1.50		4P		8.2	43200	179.86	1.15		4P		17	17100	87.86	1.85				19	15200		78.14			2.1	K 167	22		13300		68.07	2.4	KA 167	24	11800	60.74	2.7			13	26400		109.83	1.20		4P			8.9	39700	165.21		1.25			4P			15	19500		100.22			0.90				16		17900	91.65	1.00		18	15500	79.75	1.15	K 157	21		13700	70.38		1.30	KF 157	24			11900		61.02	1.50	KA 157		27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400		109.83	1.20			4P		23			12200		62.70		1.05		KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27		13000	54.15	1.00		KF 127	31	11500		47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																															
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13	21400	109.83	1.50			4P	8.2	43200	179.86	1.15				4P																																																																																																																																																																																																																																																																																																																																																																																																																			
17	17100	87.86	1.85		19		15200	78.14	2.1	K 167	22	13300			68.07	2.4	KA 167	24	11800			60.74	2.7		13	26400			109.83	1.20		4P	8.9			39700	165.21	1.25		4P			15	19500	100.22	0.90				16	17900	91.65		1.00			18	15500	79.75	1.15		K 157		21		13700		70.38		1.30	KF 157		24		11900		61.02	1.50	KA 157	27		10600	54.29		1.70	KAF 157		31	9120	46.79	1.95			39		7410	38.02	2.4		47	6100	31.30	3.0		21	13800	71.06		0.95	K 127	4P	13	26400	109.83	1.20		4P		23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37		7830	40.25	1.65		23			15000	62.70	0.85	K 127	4P			27	13000		54.15	1.00	KF 127		31		11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																										
19	15200	78.14	2.1	K 167	22		13300	68.07	2.4	KA 167	24	11800			60.74	2.7		13	26400			109.83	1.20		4P	8.9			39700	165.21	1.25					4P	15	19500	100.22				0.90		16	17900		91.65		1.00		18		15500	79.75		1.15	K 157	21	13700		70.38		1.30	KF 157	24		11900		61.02	1.50	KA 157	27		10600		54.29	1.70	KAF 157	31		9120	46.79		1.95			39	7410	38.02	2.4			47		6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20			4P	23	12200	62.70	1.05		KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23		15000	62.70	0.85	K 127	4P			27	13000	54.15	1.00				KF 127	31	11500	47.90	1.15	KA 127		37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																
22	13300	68.07	2.4	KA 167	24		11800	60.74	2.7		13	26400			109.83	1.20		4P	8.9			39700	165.21	1.25					4P	15	19500		100.22				0.90		16				17900	91.65	1.00			18		15500	79.75	1.15		K 157	21		13700	70.38	1.30	KF 157		24		11900	61.02	1.50		KA 157		27	10600	54.29	1.70		KAF 157		31	9120	46.79	1.95			39		7410	38.02		2.4		47	6100	31.30		3.0			21	13800	71.06	0.95	K 127	4P	13	26400		109.83	1.20		4P	23			12200	62.70	1.05	KF 127		27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000		62.70	0.85	K 127	4P				27	13000	54.15	1.00			KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																		
24	11800	60.74	2.7		13		26400	109.83	1.20		4P	8.9			39700	165.21	1.25					4P	15	19500		100.22				0.90			16				17900	91.65	1.00					18	15500	79.75	1.15	K 157		21	13700	70.38	1.30	KF 157	24		11900	61.02	1.50	KA 157		27		10600	54.29	1.70		KAF 157		31	9120	46.79	1.95				39	7410	38.02	2.4			47		6100	31.30	3.0		21	13800	71.06	0.95		K 127	4P	13	26400	109.83	1.20		4P		23	12200		62.70	1.05	KF 127		27			10500	54.15	1.25	KA 127		31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27		13000	54.15	1.00				KF 127	31	11500	47.90	1.15		KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																								
13	26400	109.83	1.20		4P		8.9	39700	165.21	1.25					4P																																																																																																																																																																																																																																																																																																																																																																																																																		
15	19500	100.22	0.90				16	17900	91.65	1.00						18	15500		79.75				1.15	K 157		21				13700	70.38		1.30	KF 157			24	11900	61.02		1.50	KA 157	27	10600	54.29	1.70	KAF 157	31	9120	46.79	1.95		39	7410	38.02		2.4		47	6100		31.30		3.0		21		13800		71.06	0.95	K 127	4P	13	26400		109.83	1.20		4P	23	12200	62.70	1.05	KF 127	27	10500	54.15	1.25	KA 127	31	9320	47.90	1.40		KAF 127	37	7830	40.25	1.65				23		15000	62.70	0.85		K 127			4P	27	13000	54.15		1.00	KF 127	31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																
16	17900	91.65	1.00				18	15500	79.75	1.15		K 157				21	13700		70.38				1.30	KF 157		24	11900			61.02	1.50		KA 157	27	10600		54.29	1.70	KAF 157		31	9120	46.79	1.95		39	7410	38.02	2.4		47	6100	31.30	3.0			21	13800	71.06	0.95		K 127		4P	13	26400	109.83	1.20			4P	23		12200	62.70	1.05	KF 127	27	10500		54.15	1.25	KA 127	31	9320	47.90	1.40	KAF 127	37	7830	40.25	1.65		23		15000	62.70	0.85	K 127	4P			27	13000		54.15	1.00	KF 127		31	11500			47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																								
18	15500	79.75	1.15	K 157			21	13700	70.38	1.30		KF 157				24	11900		61.02	1.50			KA 157	27		10600	54.29	1.70		KAF 157	31		9120	46.79	1.95			39	7410		38.02	2.4		47	6100	31.30	3.0		21	13800	71.06	0.95	K 127	4P	13		26400	109.83	1.20		4P	23			12200	62.70	1.05	KF 127	27	10500		54.15		1.25	KA 127	31	9320	47.90	1.40		KAF 127	37	7830	40.25	1.65		23	15000	62.70	0.85	K 127	4P	27	13000		54.15	1.00	KF 127	31				11500	47.90	1.15	KA 127	37	9660		40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																	
21	13700	70.38	1.30	KF 157			24	11900	61.02	1.50		KA 157	27			10600	54.29		1.70	KAF 157	31		9120	46.79		1.95		39		7410	38.02		2.4		47		6100	31.30	3.0			21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20		4P		23	12200	62.70	1.05	KF 127	27		10500	54.15		1.25	KA 127	31	9320	47.90	1.40		KAF 127		37	7830	40.25	1.65		23		15000	62.70	0.85	K 127	4P	27	13000	54.15	1.00	KF 127	31		11500	47.90		1.15	KA 127	37	9660			40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																									
24	11900	61.02	1.50	KA 157		27	10600	54.29	1.70	KAF 157		31	9120	46.79		1.95			39	7410	38.02		2.4			47	6100	31.30		3.0			21	13800	71.06		0.95	K 127	4P		13	26400	109.83	1.20		4P		23	12200	62.70	1.05	KF 127			27	10500	54.15	1.25	KA 127	31		9320	47.90		1.40	KAF 127	37	7830	40.25	1.65				23	15000	62.70	0.85	K 127	4P		27	13000	54.15	1.00		KF 127	31	11500	47.90	1.15	KA 127		37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																
27	10600	54.29	1.70	KAF 157		31	9120	46.79	1.95			39	7410	38.02		2.4			47	6100	31.30		3.0			21	13800	71.06		0.95	K 127	4P	13	26400	109.83		1.20			4P	23	12200	62.70	1.05	KF 127			27	10500	54.15	1.25	KA 127			31	9320	47.90	1.40	KAF 127	37		7830	40.25		1.65		23	15000	62.70	0.85		K 127		4P	27	13000	54.15	1.00			KF 127	31	11500	47.90		1.15	KA 127	37	9660	40.25	1.35		KAF 127																																																																																																																																																																																																																																																																																																																																				
31	9120	46.79	1.95			39	7410	38.02	2.4			47	6100	31.30		3.0			21	13800	71.06		0.95	K 127	4P	13	26400	109.83		1.20			4P	23	12200	62.70	1.05	KF 127			27	10500	54.15	1.25	KA 127			31	9320	47.90	1.40	KAF 127			37	7830	40.25	1.65		23		15000	62.70		0.85	K 127	4P	27	13000	54.15		1.00	KF 127		31	11500	47.90	1.15		KA 127	37	9660	40.25	1.35		KAF 127																																																																																																																																																																																																																																																																																																																																											
39	7410	38.02	2.4			47	6100	31.30	3.0			21	13800	71.06		0.95	K 127	4P	13	26400	109.83		1.20			4P	23	12200	62.70	1.05	KF 127			27	10500	54.15	1.25	KA 127			31	9320	47.90	1.40	KAF 127			37	7830	40.25	1.65				23	15000	62.70	0.85	K 127	4P		27	13000	54.15	1.00	KF 127		31	11500	47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																			
47	6100	31.30	3.0			21	13800	71.06	0.95	K 127	4P	13	26400	109.83		1.20			4P	23	12200	62.70	1.05	KF 127			27	10500	54.15	1.25	KA 127			31	9320	47.90	1.40	KAF 127			37	7830	40.25	1.65				23	15000	62.70	0.85	K 127		4P	27	13000	54.15	1.00	KF 127		31	11500	47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																										
21	13800	71.06	0.95	K 127	4P	13	26400	109.83	1.20			4P																																																																																																																																																																																																																																																																																																																																																																																																																					
23	12200	62.70	1.05	KF 127		27	10500	54.15	1.25	KA 127			31	9320	47.90	1.40	KAF 127			37	7830	40.25	1.65				23	15000	62.70	0.85	K 127			4P	27	13000	54.15	1.00	KF 127		31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																															
27	10500	54.15	1.25	KA 127		31	9320	47.90	1.40	KAF 127			37	7830	40.25	1.65				23	15000	62.70	0.85	K 127			4P	27	13000	54.15	1.00	KF 127			31	11500	47.90	1.15	KA 127	37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																					
31	9320	47.90	1.40	KAF 127		37	7830	40.25	1.65				23	15000	62.70	0.85	K 127			4P	27	13000	54.15	1.00	KF 127			31	11500	47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																											
37	7830	40.25	1.65			23	15000	62.70	0.85	K 127			4P	27	13000	54.15	1.00	KF 127			31	11500	47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																																		
23	15000	62.70	0.85	K 127		4P																																																																																																																																																																																																																																																																																																																																																																																																																											
27	13000	54.15	1.00	KF 127	31		11500	47.90	1.15	KA 127	37	9660		40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																																																	
31	11500	47.90	1.15	KA 127	37		9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																																																							
37	9660	40.25	1.35	KAF 127																																																																																																																																																																																																																																																																																																																																																																																																																													

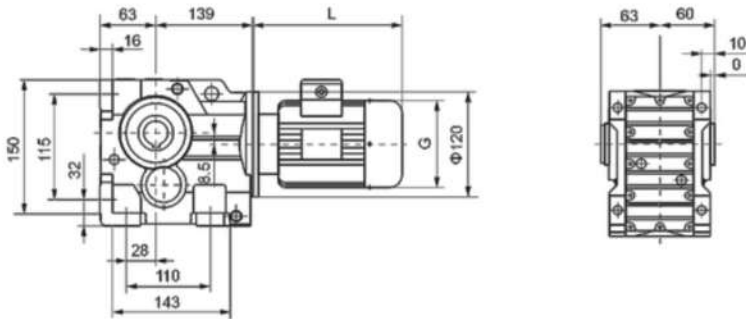
Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (fb)	Type	Motor pole		
37KW						45KW							
41	8710	36.30	1.50			102	4190	14.37	2.9	K 127	4P		
47	7540	31.41	1.70			115	3740	12.78	2.3	KF 127			
53	6650	27.72	1.95			137	3140	10.74	2.5	KA 127			
62	5740	23.94	2.3	K 127	4P	169	2540	8.68	2.8	KAF 127			
70	5080	21.17	2.6	KF 127		51	8480	29.00	0.85			4P	
83	4270	17.79	3.0	KA 127		56	7690	26.32	0.95				
102	3450	14.37	3.5	KAF 127		65	6610	22.62	1.10				
115	3070	12.78	2.8		74	5770	19.74	1.25	K 107				
137	2580	10.74	3.1		88	4890	16.75	1.45	KF 107				
169	2090	8.68	3.5		100	4280	14.63	1.60	KA 107				
40	8890	37.00	0.80		4P	109	3930	13.43	1.10	KAF 107	4P		
47	7520	31.28	0.90			125	3430	11.73	1.25				
51	6970	29.00	1.05			148	2910	9.94	1.45				
56	6320	26.32	1.15	K 107		169	2540	8.69	1.60				
65	5440	22.62	1.30	KF 107		55KW							
74	4740	19.74	1.50	KA 107		10	51500	144.59	0.95			4P	
88	4020	16.75	1.75	KAF 107		11	46200	129.69	1.10				
100	3520	14.63	1.95			13	40100	112.60	1.25	K 187			
109	3230	13.43	1.35			14	36400	102.16	1.35	KA 187			
125	2820	11.73	1.55			17	31300	88.00	1.60				
148	2390	9.94	1.75			20	26300	73.96	1.90				
169	2090	8.69	1.95		23	22800	64.04	2.2					
45KW													
6.6	59800	221	0.85	K187 H107	4P	17	31300	87.86	1.00		4P		
7.6	52300	193	0.95	KA187 H107		19	27800	78.14	1.15				
9.0	44200	163	1.15			22	24200	68.07	1.30				
11	36600	135	0.85	K167 H107	4P	24	21600	60.74	1.50	K 167			
12	32000	118	1.00	KA167 H107		28	18400	51.77	1.75	KA 167			
8.2	52600	179.86	0.95		4P	34	15300	42.89	2.1				
8.9	48300	165.86	1.05			40	13000	36.61	2.5				
10	42300	144.59	1.20										
11	37900	129.69	1.30	K 187		24	21700	61.02	0.85			4P	
13	32900	112.60	1.50	KA 187		27	19300	54.29	0.95				
14	29900	102.16	1.65			32	16700	46.79	1.10				
17	25700	88.00	1.95			39	13500	38.02	1.35				
20	21600	73.96	2.3			47	11100	31.30	1.60	K 157			
13	32100	109.83	1.00			4P	53	9840	27.62	1.85	KF 157		
17	25700	87.86	1.25				62	8530	23.95	2.1	KA 157		
19	22800	78.14	1.40	K 167	69		7590	21.31	2.4	KAF 157			
22	19900	68.07	1.60	KA 167	80		6540	18.37	2.8				
24	17800	60.74	1.80		99		5310	14.92	3.4				
28	15100	51.77	2.1		117		4510	12.65	3.8				
34	12500	42.89	2.5										
21	20600	70.38	0.85		4P	37	14300	40.25	0.90		4P		
24	17800	61.02	1.00			47	11200	31.41	1.15				
27	15900	54.29	1.15			53	9850	27.72	1.30				
31	13700	46.79	1.30	K 157		62	8510	23.94	1.55				
39	11100	38.02	1.60	KF 157		70	7530	21.17	1.75	K 127			
47	9150	31.30	1.95	KA 157		83	6330	17.79	2.0	KF 127			
53	8080	27.62	2.2	KAF 157		103	5110	14.37	2.4	KA 127			
61	7000	23.95	2.6			115	4550	12.78	1.85	KAF 127			
69	6230	21.31	2.9			137	3830	10.74	2.1				
80	5370	18.37	3.3			170	3090	8.68	2.3				
						75KW							
31	14000	47.90	0.95		4P	11	62800	129.69	0.80		4P		
37	11700	40.25	1.10			13	54500	112.60	0.90				
41	10600	36.30	1.25			14	49400	102.16	1.00				
47	9170	31.41	1.40	K 127		17	42600	88.00	1.15	K 187			
53	8090	27.72	1.60	KF 127		20	35800	73.96	1.40	KA 187			
62	6990	23.94	1.85	KA 127		23	31000	64.04	1.60				
70	6180	21.17	2.1	KAF 127		28	25800	53.36	1.95				
83	5190	17.79	2.5			33	22000	45.50	2.3				

Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole	Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole
75KW						110KW					
19	37800	78.14	0.85			17	62300	88.00	0.80		
22	32900	68.07	0.95			20	52300	73.96	0.95		
24	29400	60.74	1.10			23	45300	64.04	1.10		
29	25100	51.77	1.30			28	37700	53.36	1.30	K 187	4P
35	20800	42.89	1.55	K 167	4P	33	32200	45.50	1.55	KA 187	
40	17700	36.61	1.80	KA 167		35	30100	42.51	1.65		
46	15600	32.25	2.0			39	27300	38.57	1.85		
51	13900	28.77	2.3			45	23500	33.23	2.1		
60	11900	24.52	2.7			53	19800	27.92	2.5		
39	18400	38.02	1.00			29	36600	51.77	0.85		
47	15100	31.30	1.20			35	30300	42.89	1.05		
54	13400	27.62	1.35	K 157	4P	41	25900	36.61	1.25		
62	11600	23.95	1.55	KF 157		46	22800	32.25	1.40	K 167	4P
69	10300	21.31	1.75	KA 157		52	20400	28.77	1.55	KA 167	
81	8890	18.37	2.0	KAF 157		61	17300	24.52	1.85		
99	7220	14.92	2.5			73	14400	20.32	2.2		
117	6120	12.65	2.8			86	12300	17.34	2.6		
47	15200	31.41	0.85			62	16900	23.95	1.05	K 157	4P
53	13400	27.72	0.95			40	15100	21.31	1.20	KF 157	
62	11600	23.94	1.10	K 127	4P	81	13000	18.37	1.40	KA 157	
70	10200	21.17	1.25	KF 127		100	10600	14.92	1.70	KAF 157	
83	8600	17.79	1.50	KA 127		117	8950	12.65	1.90		
103	6940	14.37	1.75	KAF 127		132KW					
116	6190	12.78	1.40			20	62800	73.96	0.80		
138	5200	10.74	1.55			23	54400	64.04	0.90		
171	4200	8.68	1.70			28	45300	53.36	1.10		
90KW						33	38600	45.50	1.30		
14	59300	102.16	0.85			35	36100	42.51	1.40	K 187	4P
17	51100	88.00	1.00			39	32700	38.57	1.55	KA 187	
20	42900	73.96	1.15			45	28200	33.23	1.75		
23	37200	64.04	1.35	K 187	4P	53	23700	27.92	2.1		
28	31000	53.36	1.60	KA 187		61	20500	24.18	2.3		
33	26400	45.50	1.90			74	17100	20.15	2.6		
35	24700	42.51	2.0			86	14600	17.18	2.8		
38	22400	38.57	2.2			35	36400	42.89	0.90		
22	39500	68.07	0.80			41	31100	36.61	1.05		
24	35300	60.74	0.90			46	27400	32.25	1.15	K 167	4P
29	30100	51.77	1.05			52	24400	28.77	1.30	KA 167	
35	24900	42.89	1.30	K 167	4P	61	20800	24.52	1.55		
40	21300	36.61	1.50	KA 167		73	17200	20.32	1.85		
46	18700	32.25	1.70			86	14700	17.34	2.2		
51	16700	28.77	1.90			62	20300	23.95	0.90		
60	14200	24.52	2.2			70	18100	21.31	1.00	K 157	4P
73	11800	20.32	2.7			81	15600	18.37	1.15	KF 157	
85	10100	17.34	3.2			100	12700	14.92	1.40	KA 157	
39	22100	38.02	0.80			117	10700	12.65	1.60	KAF 157	
47	18200	31.30	1.00			160KW					
54	16000	27.62	1.10	K 157	4P	28	54900	53.36	0.90		
62	13900	23.95	1.30	KF 157		33	46800	45.50	1.05		
69	12400	21.31	1.45	KA 157		45	34200	33.23	1.45		
81	10700	18.37	1.70	KAF 157		53	28700	27.92	1.75	K 187	4P
99	8670	14.92	2.1			61	24900	24.18	1.90	KA 187	
117	7350	12.65	2.3			74	20700	20.15	2.1		
62	13900	23.94	0.95			86	17700	17.18	2.3		
70	12300	21.17	1.05	K 127	4P	41	37700	36.61	0.85		
83	10300	17.79	1.25	KF 127		61	25200	24.52	1.25	K 167	4P
103	8330	14.37	1.45	KA 127		73	20900	20.32	1.55	KA 167	
116	7420	12.78	1.15	KAF 127		86	17800	17.34	1.80		
138	6240	10.74	1.30								
171	5040	8.68	1.45								

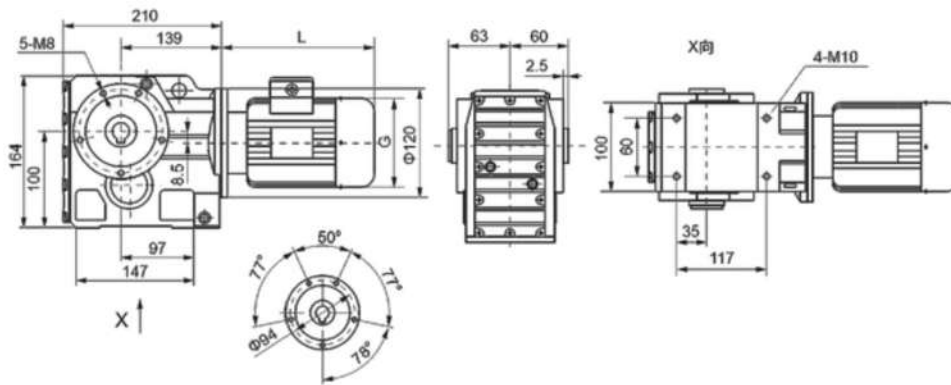
Output speed (r/min)	Output torque (N.M)	Ratio (i)	Service factor (f _s)	Type	Motor pole
160KW					
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100	15400	14.92	1.15	KF 157	
117	13000	12.65	1.30	KA 157	
				KAF 157	
200KW					
33	58500	45.50	0.85		4P
45	42700	33.23	1.15		
53	35900	27.92	1.40	K 187	
61	31100	24.18	1.55	KA 187	
74	25900	20.15	1.70		
86	22100	17.18	1.85		
61	31500	24.52	1.00	K 167	4P
73	26100	20.32	1.20	KA 167	
86	22300	17.34	1.45		
100	19200	14.92	0.95	K 157	4P
117	16300	12.65	1.05	KF 157	
				KA 157	
				KAF 157	



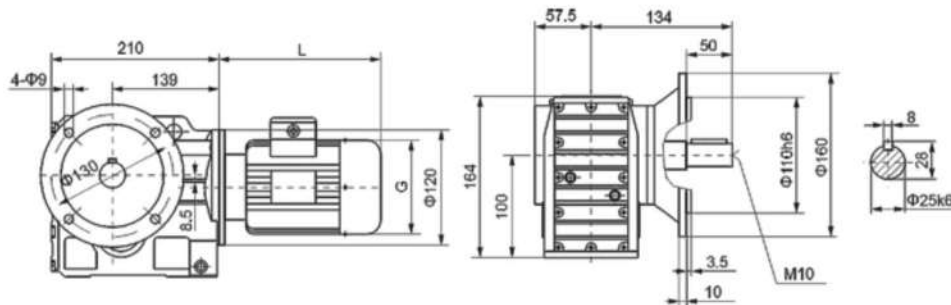
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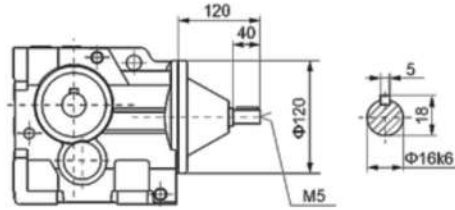
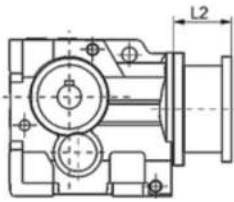


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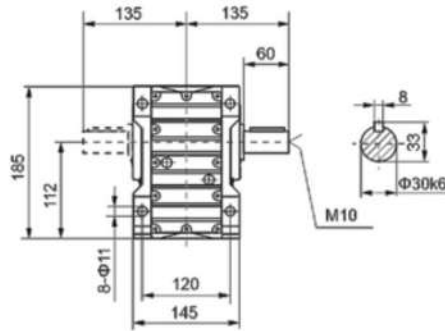
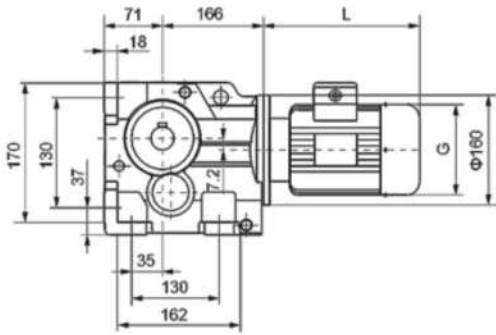


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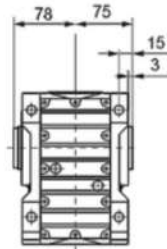
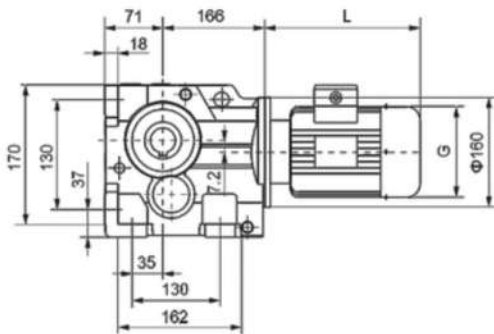




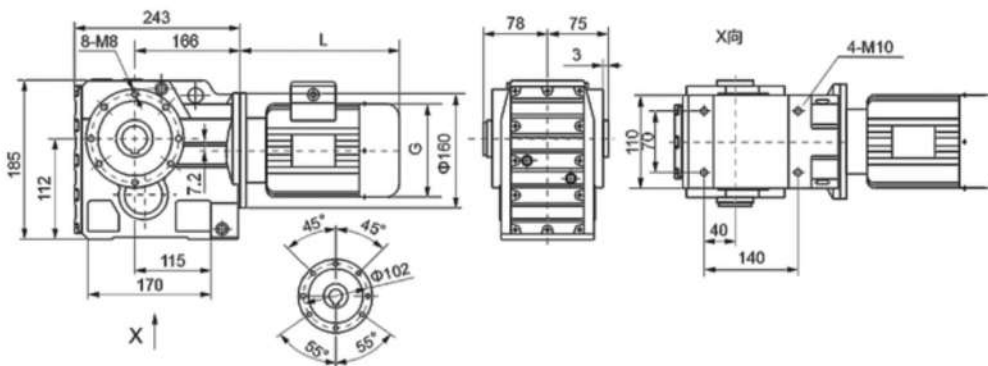
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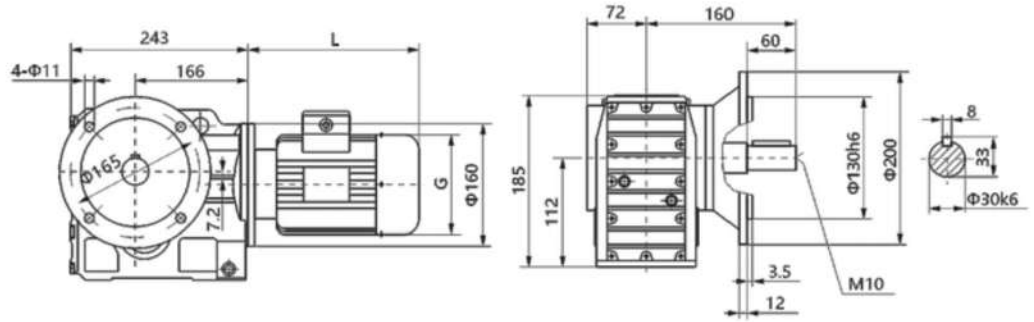
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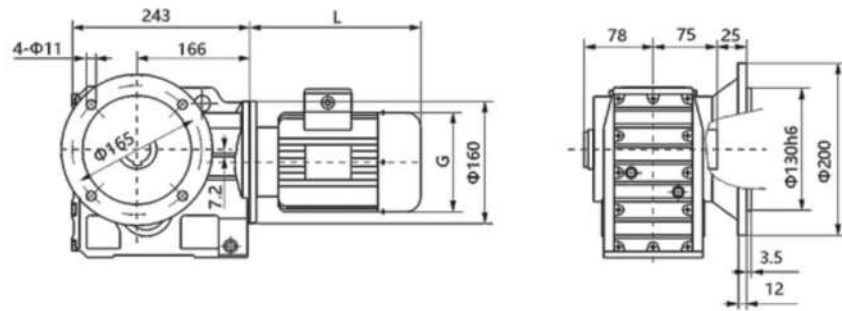
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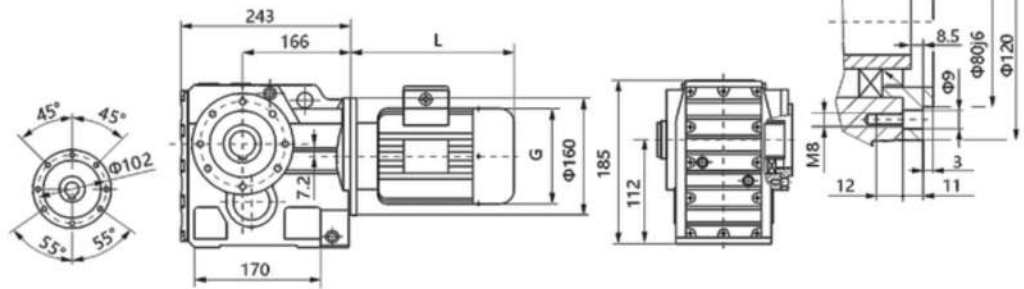
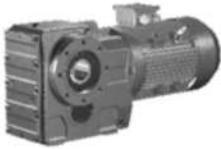
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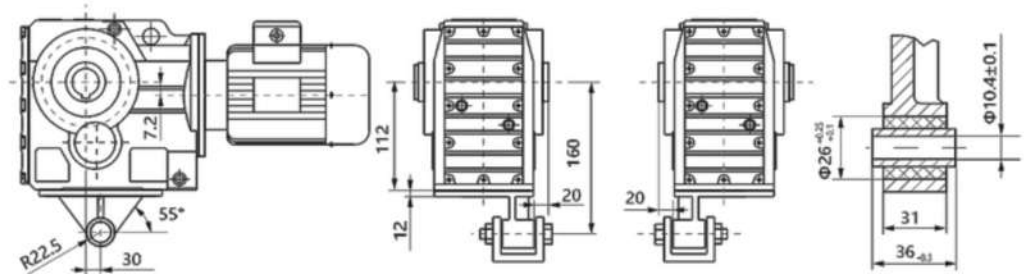
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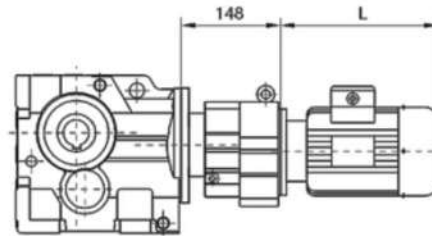
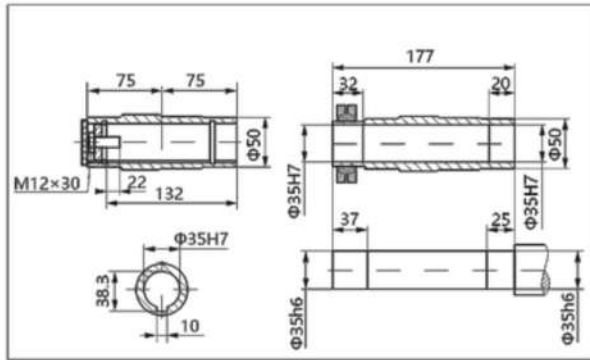


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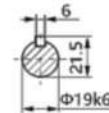
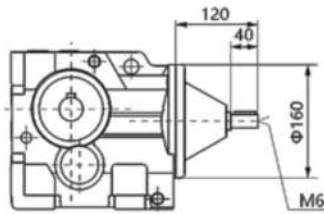
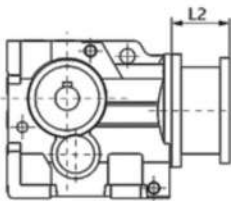




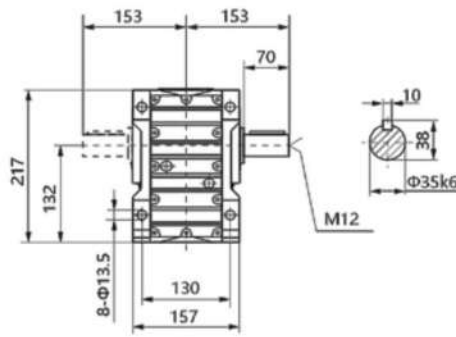
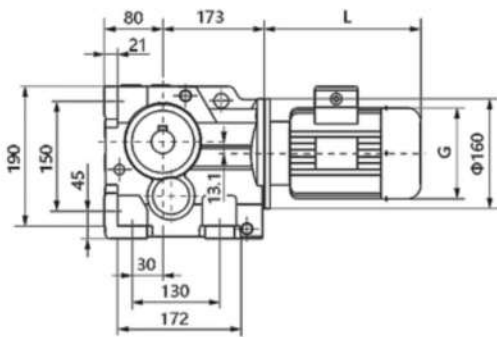
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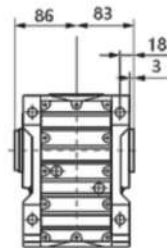
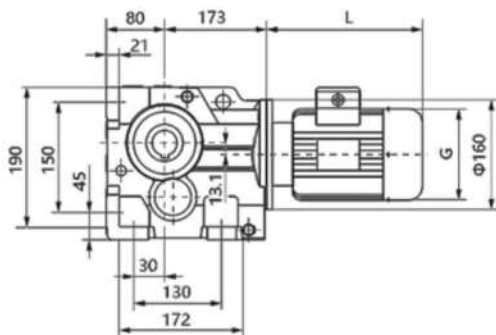
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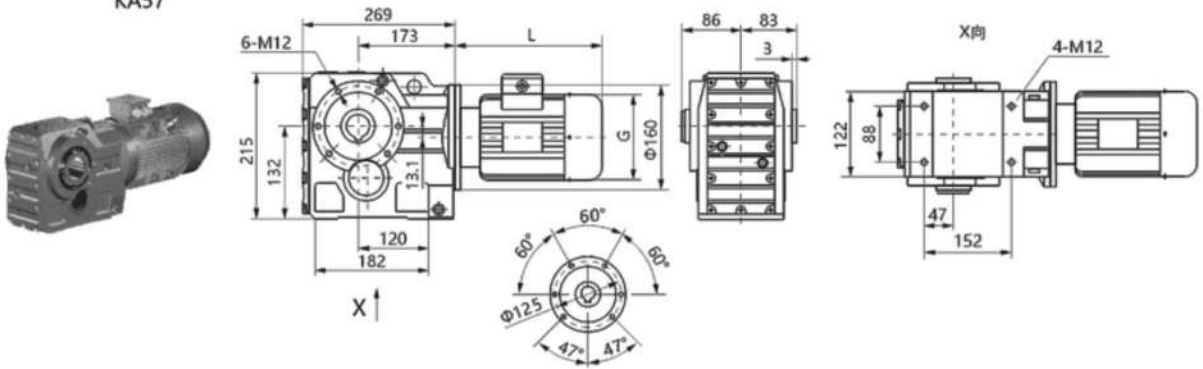
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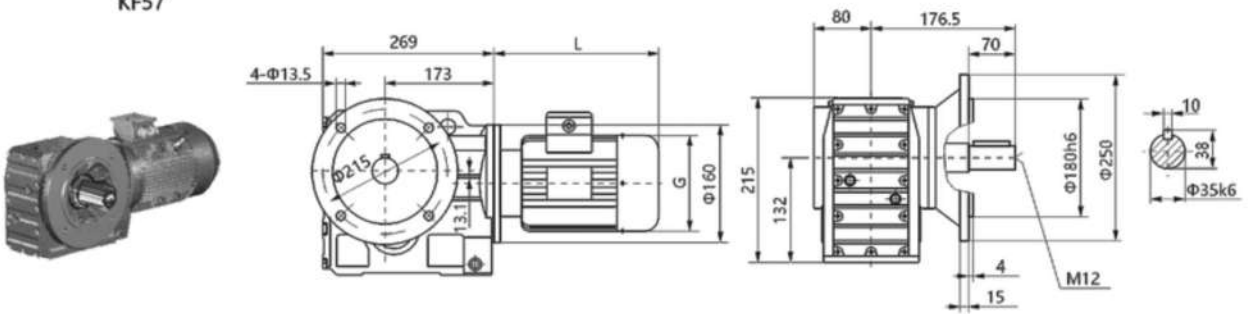
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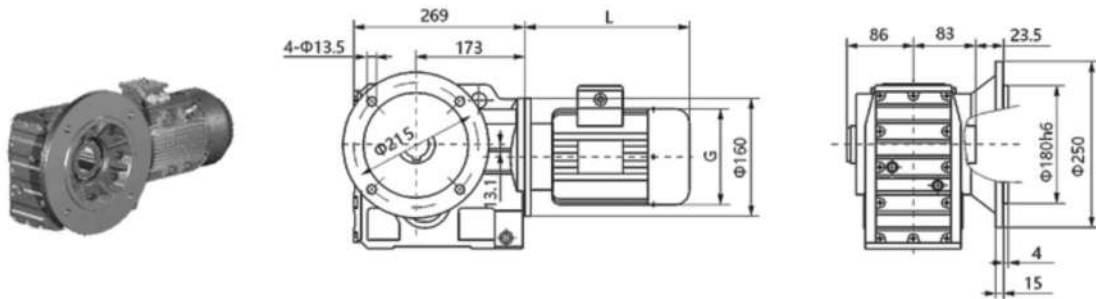
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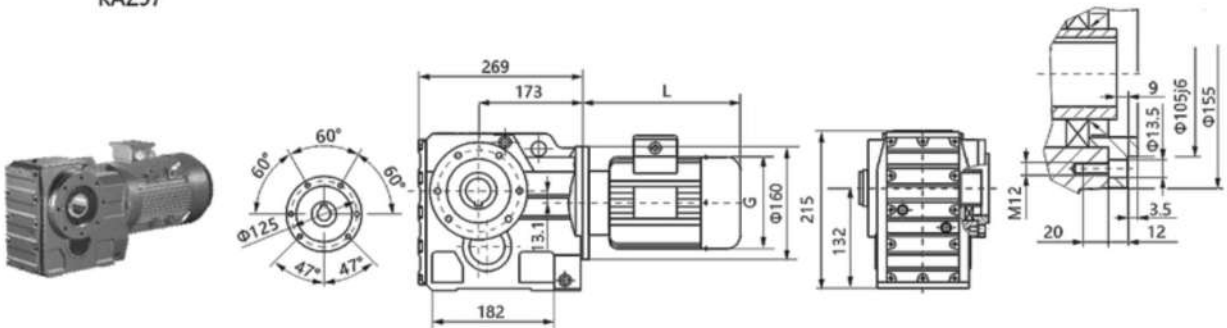
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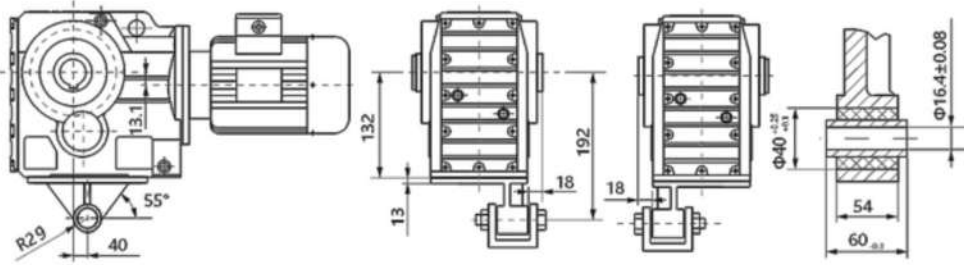


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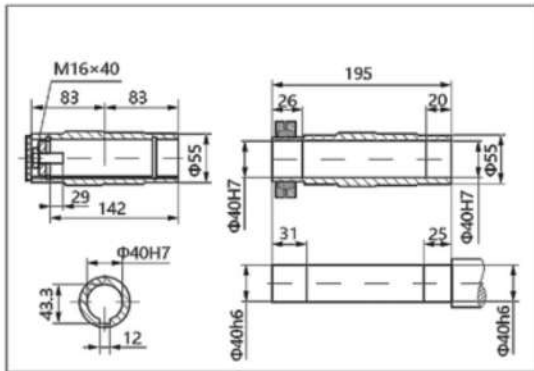


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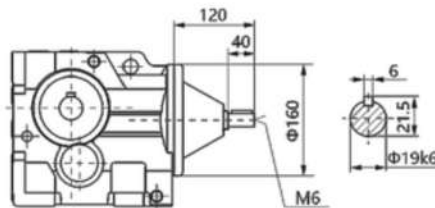
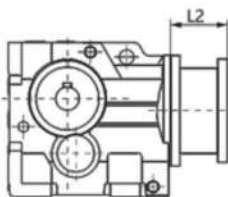




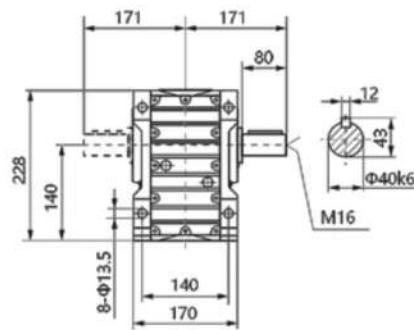
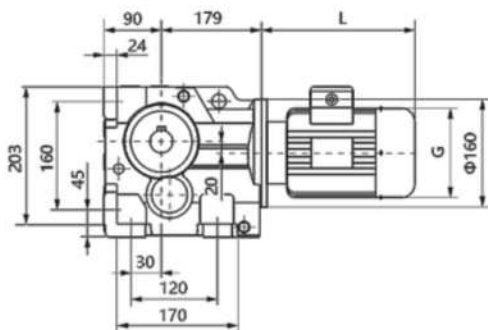
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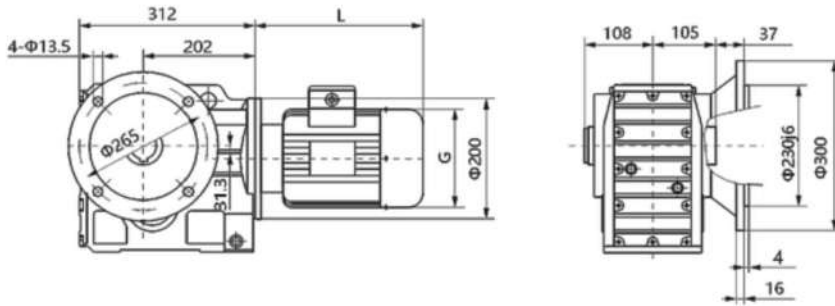


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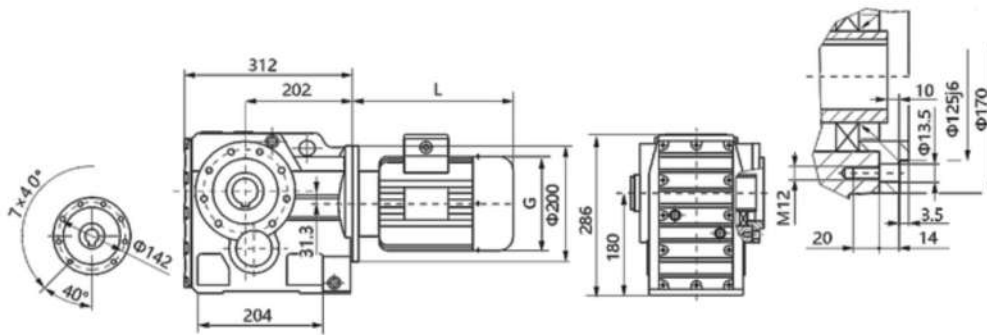


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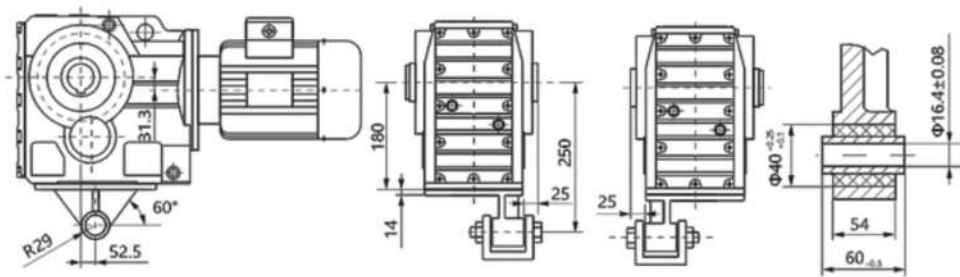




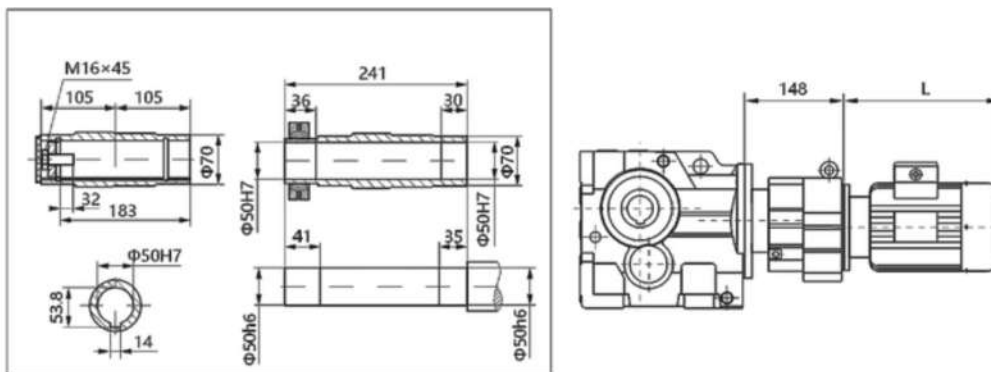
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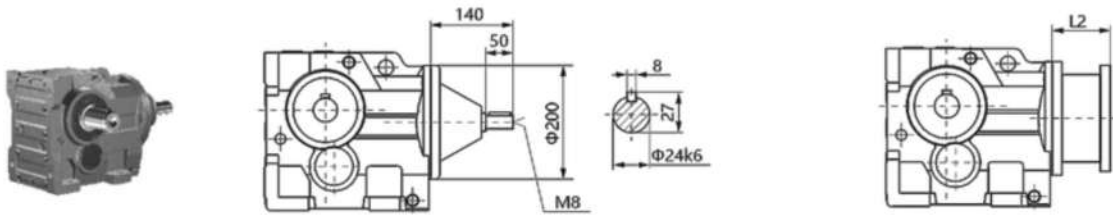
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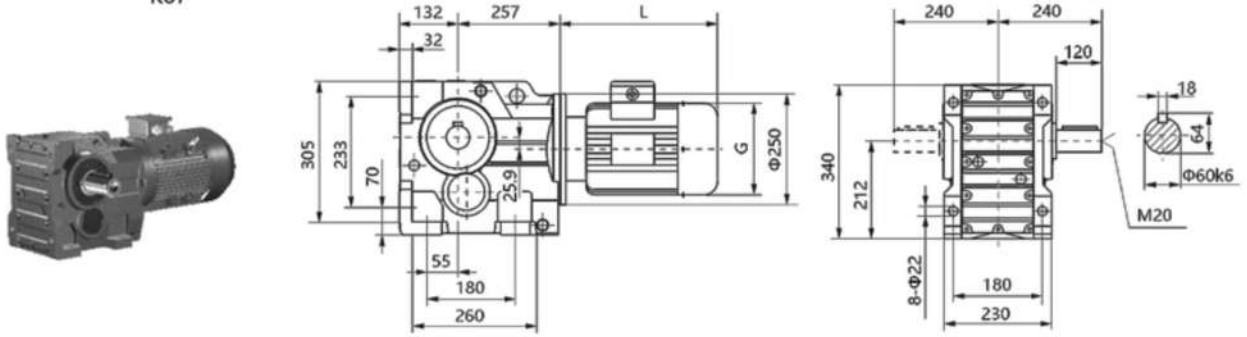
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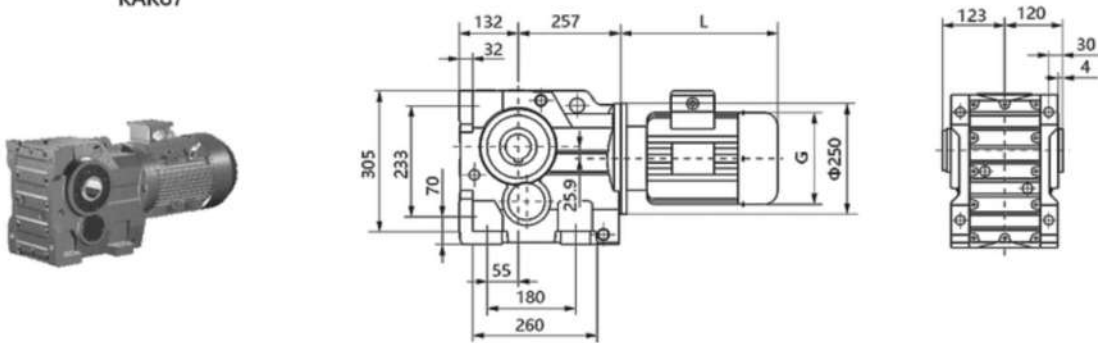
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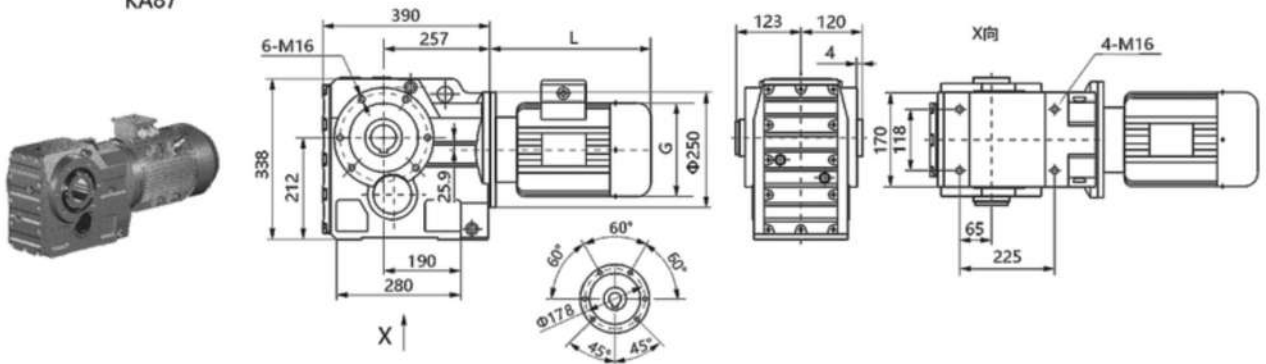
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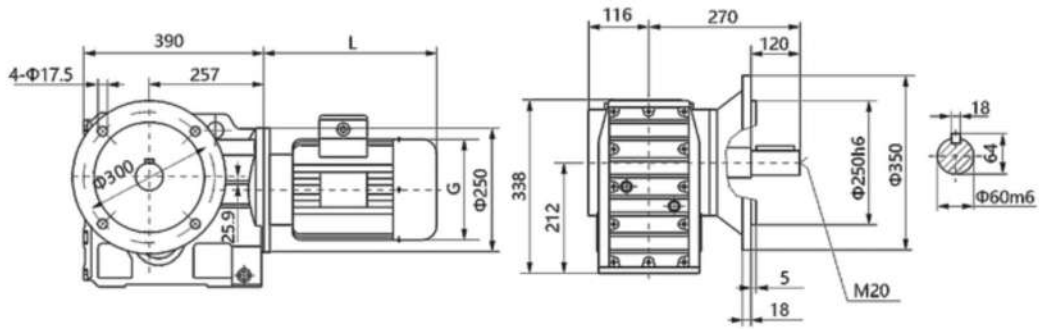


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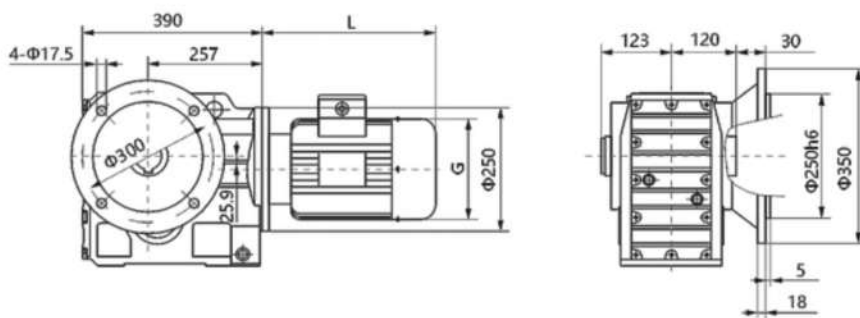


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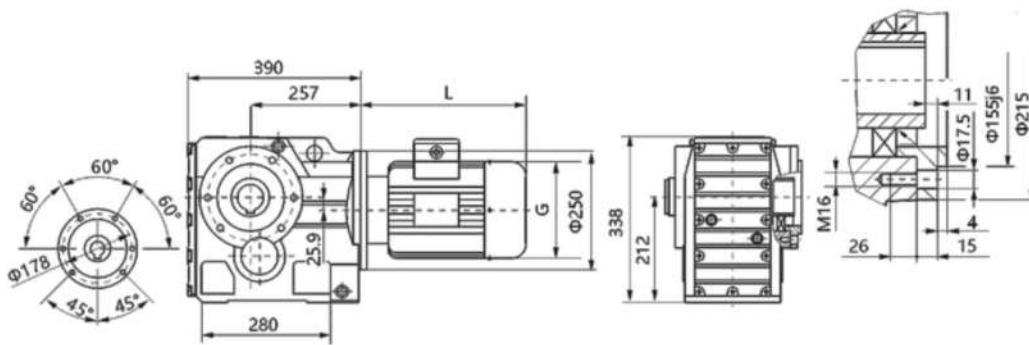




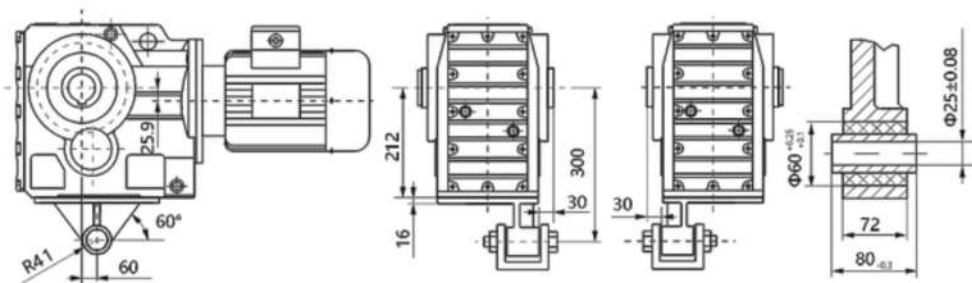
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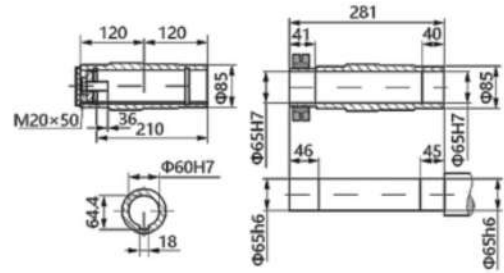
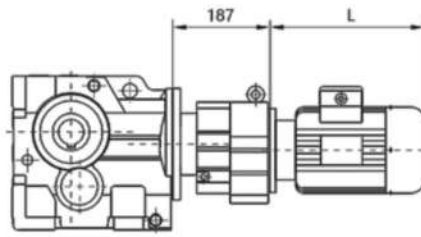
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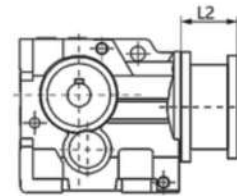
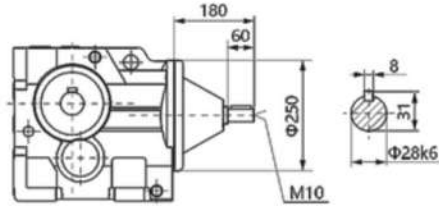
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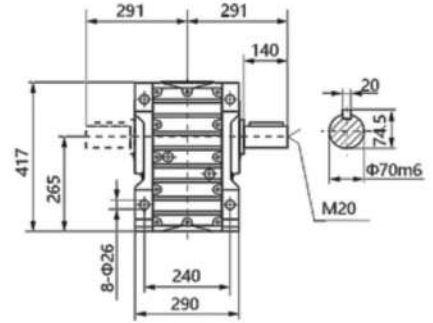
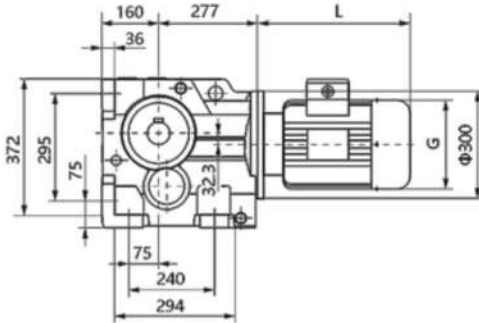
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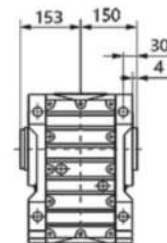
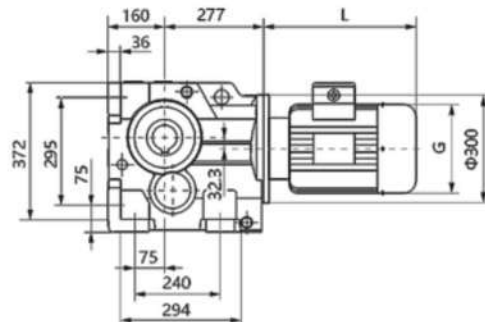
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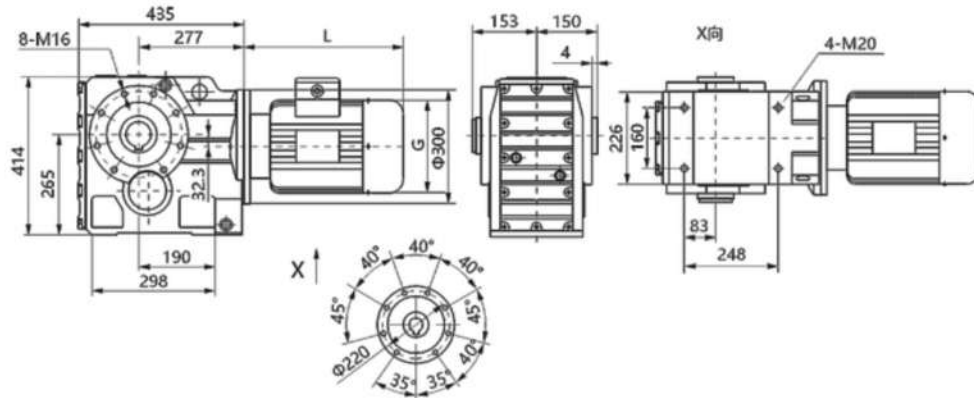


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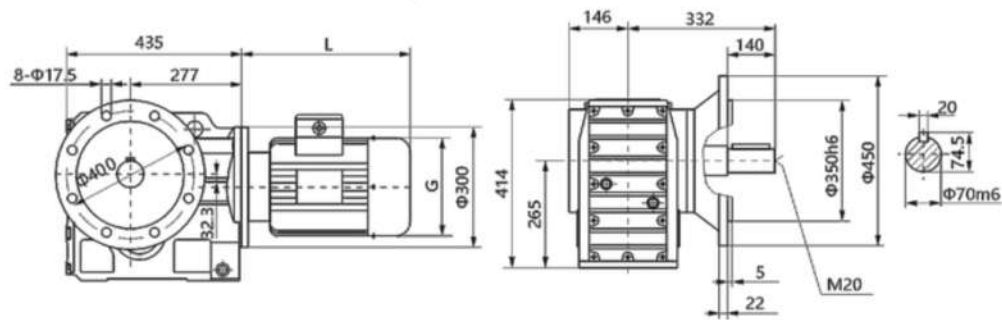


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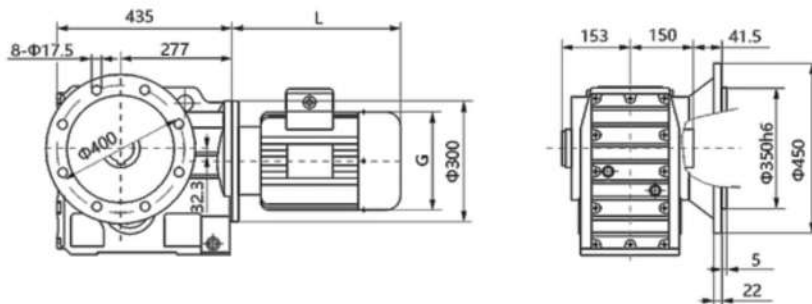




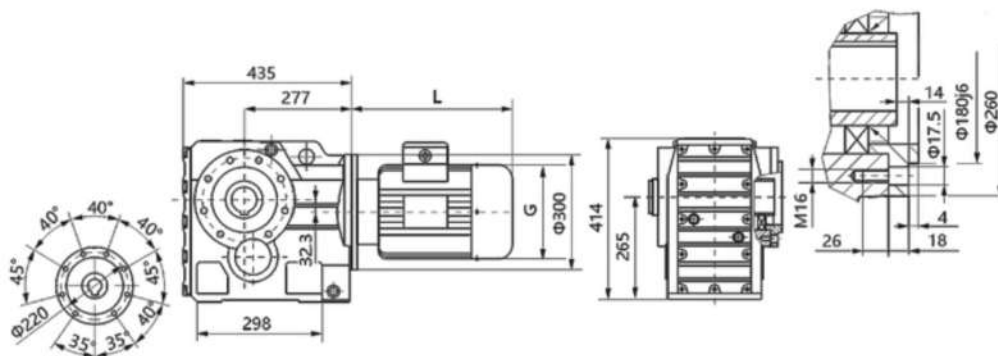
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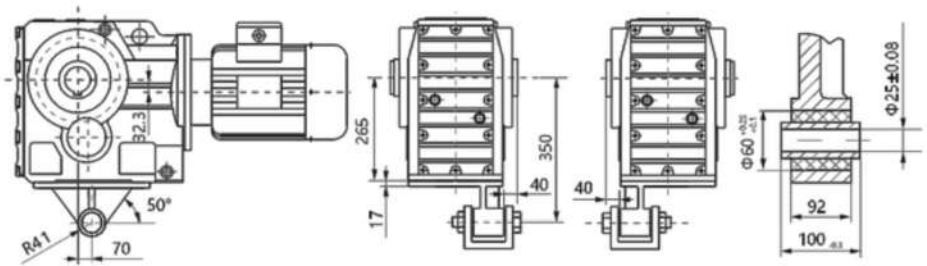
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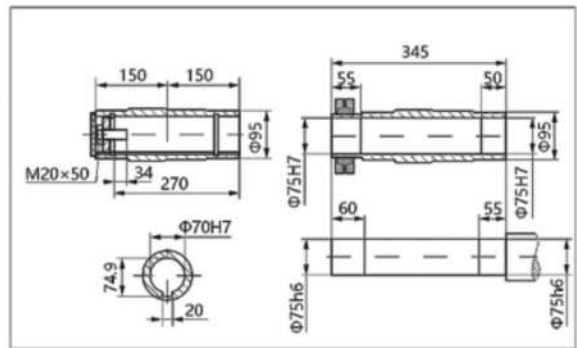
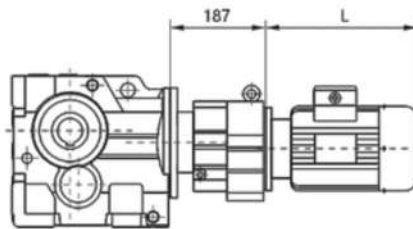
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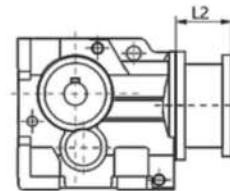
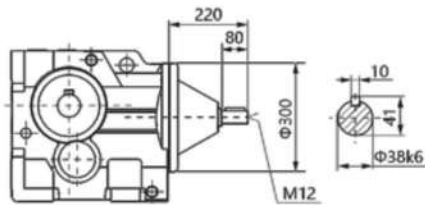
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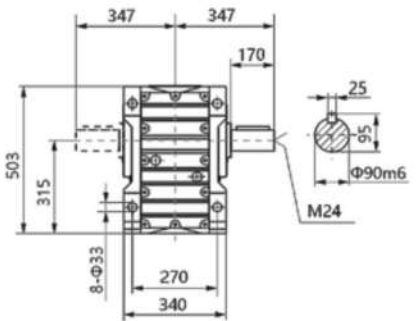
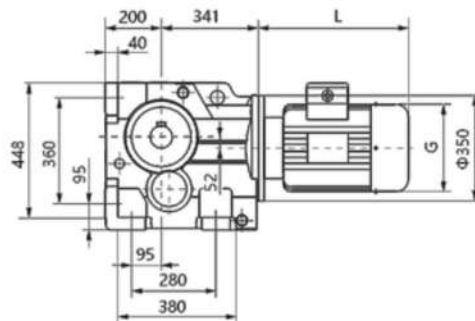
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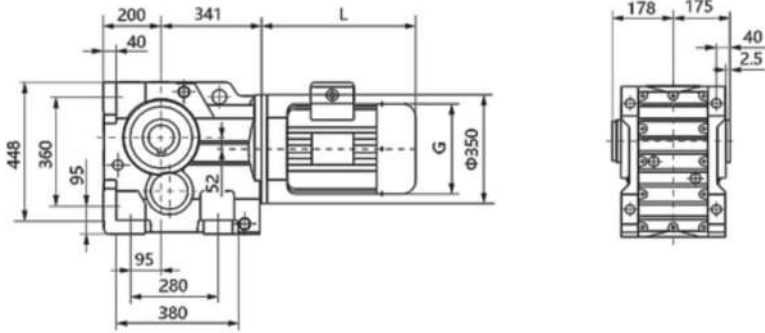


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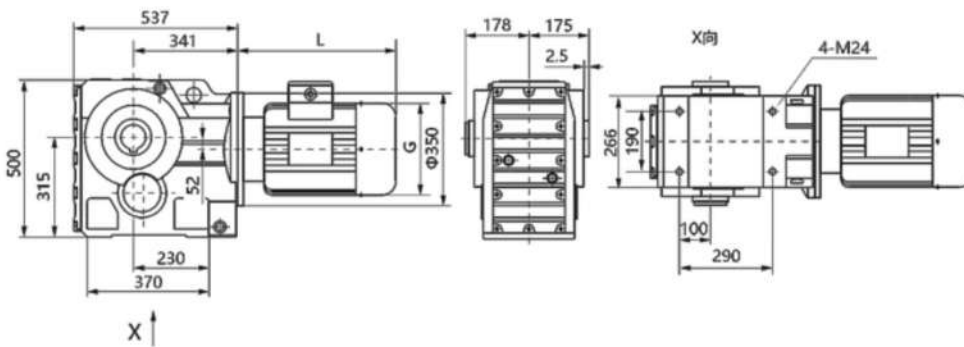


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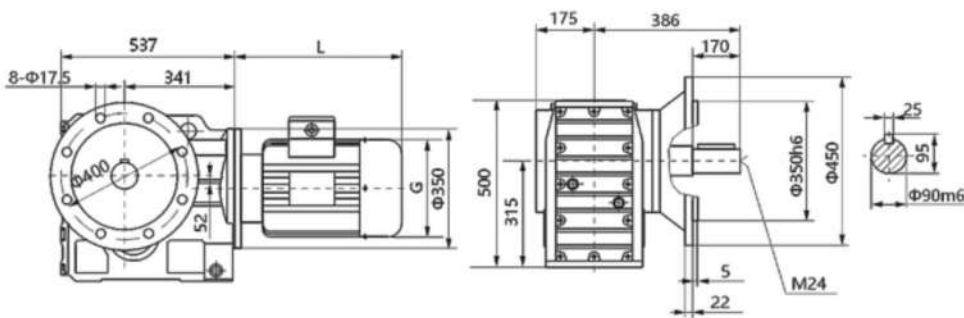




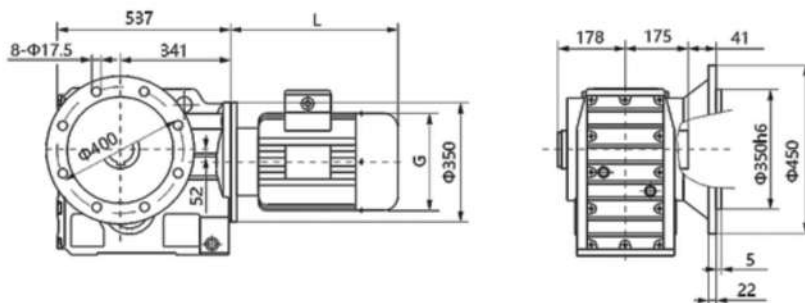
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KA107



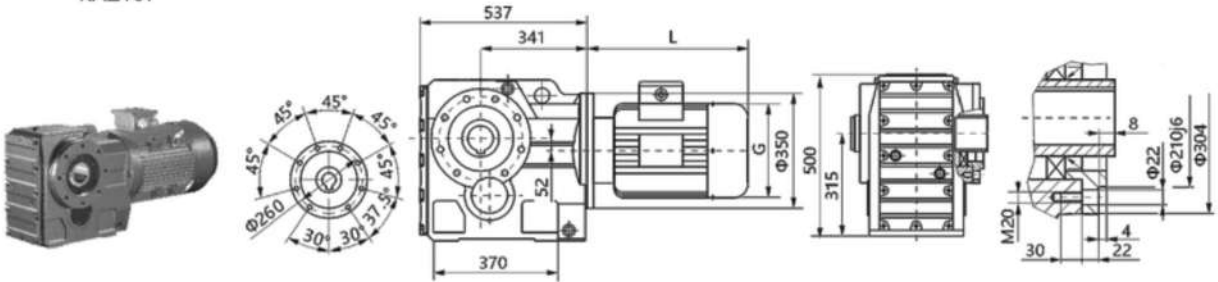
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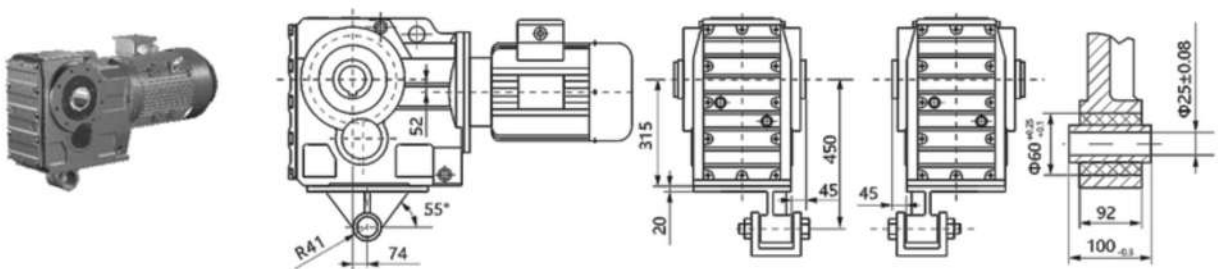
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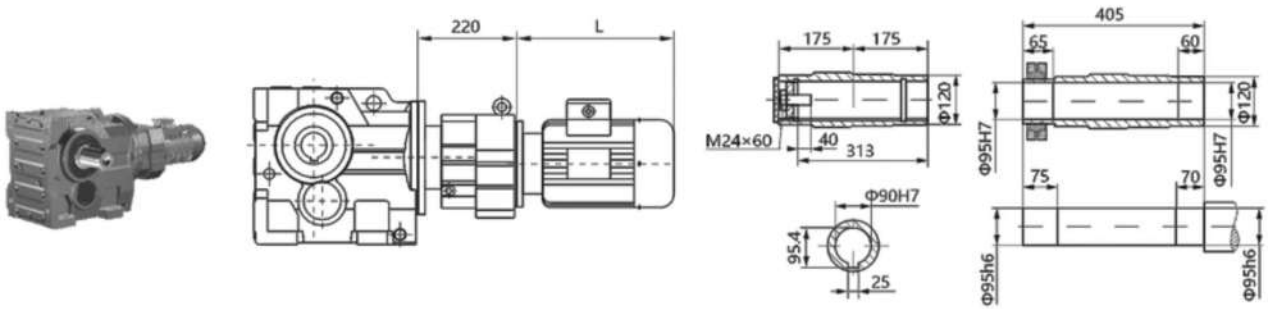
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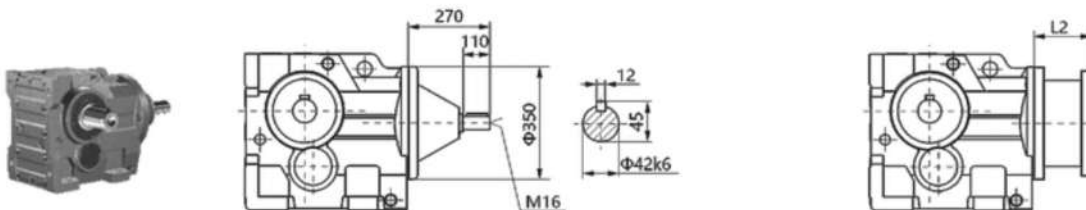
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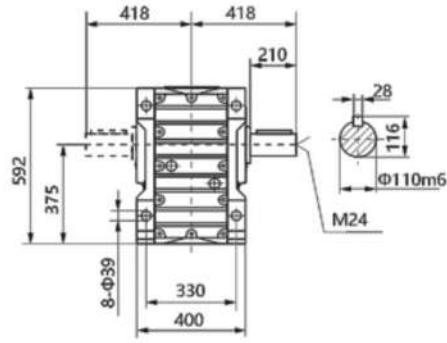
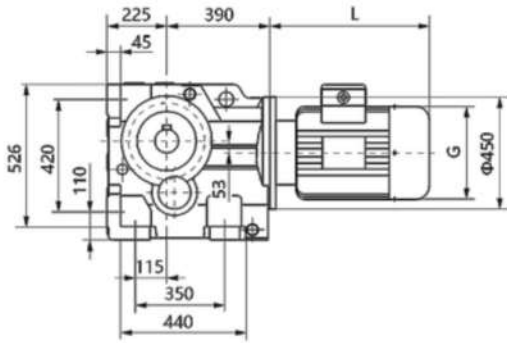


K..107H77

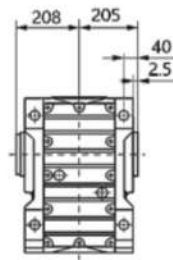
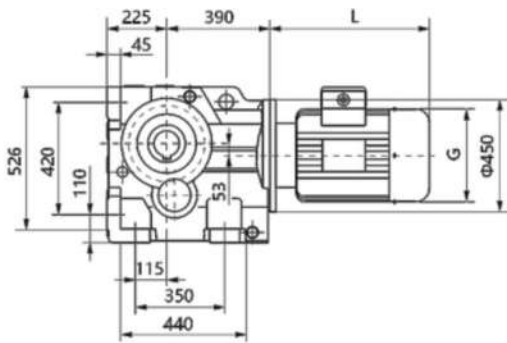


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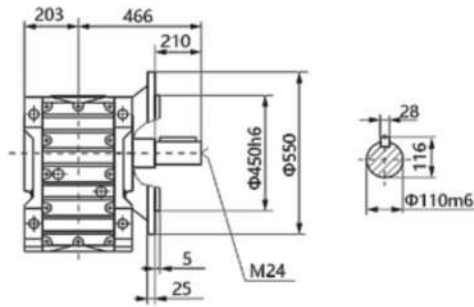
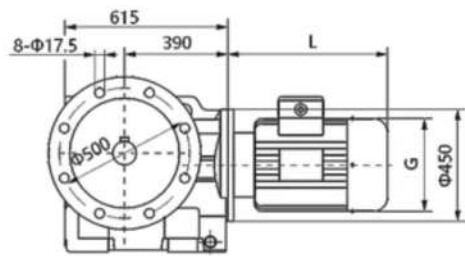




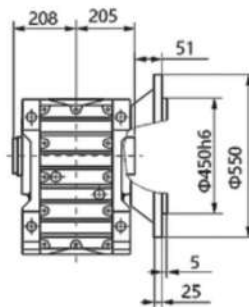
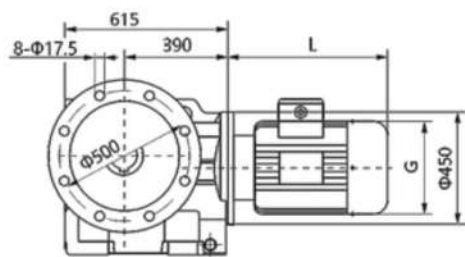
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KAK127

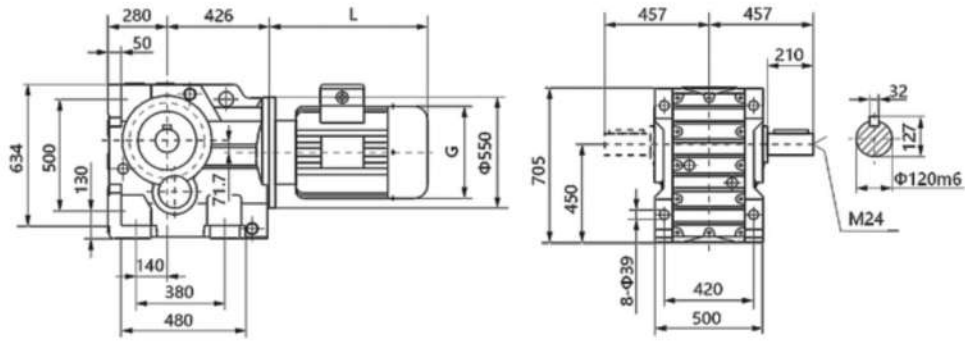


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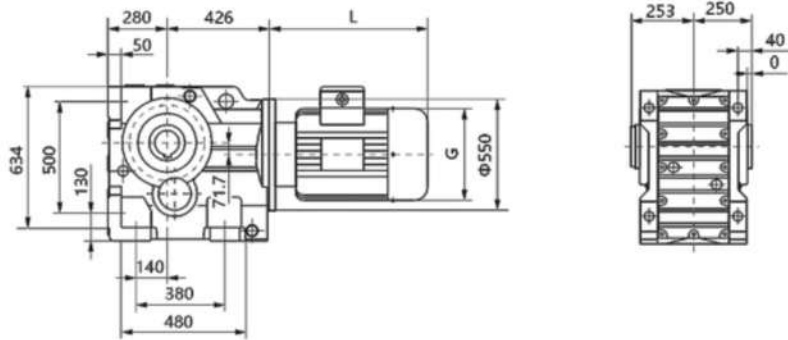


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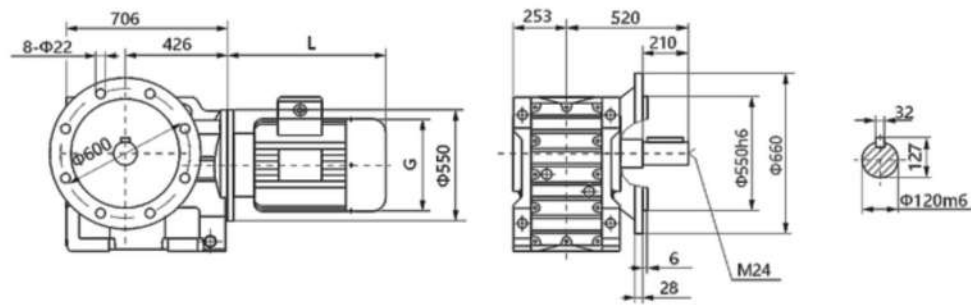




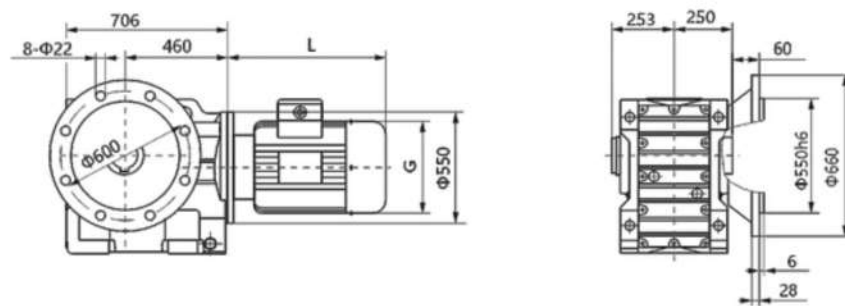
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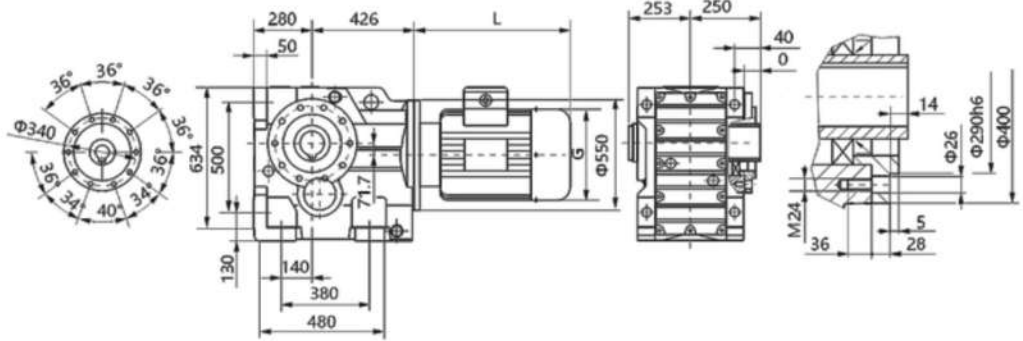
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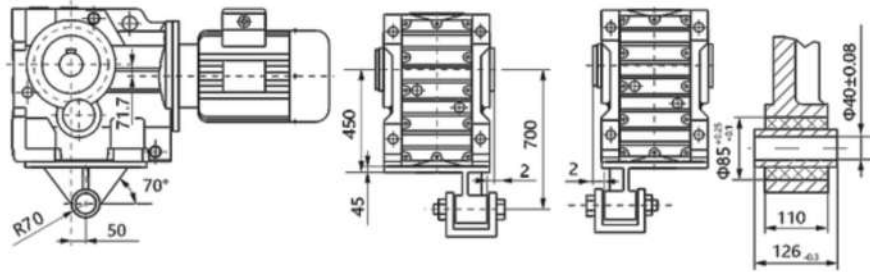
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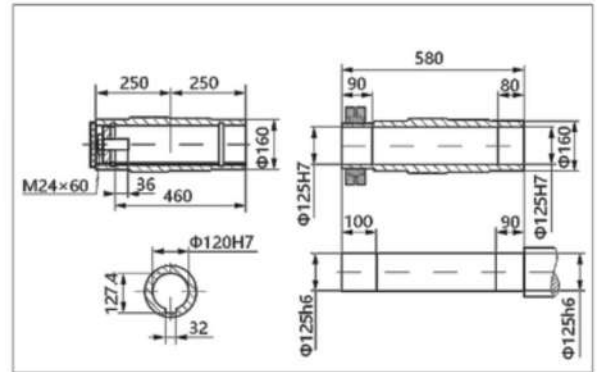
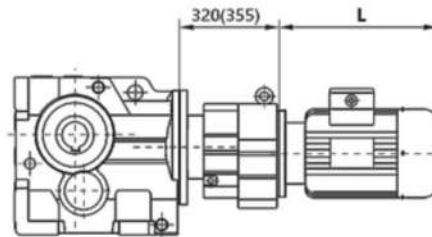
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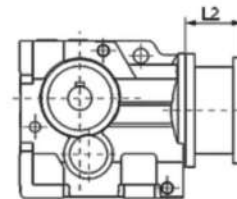
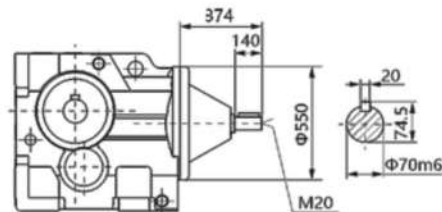
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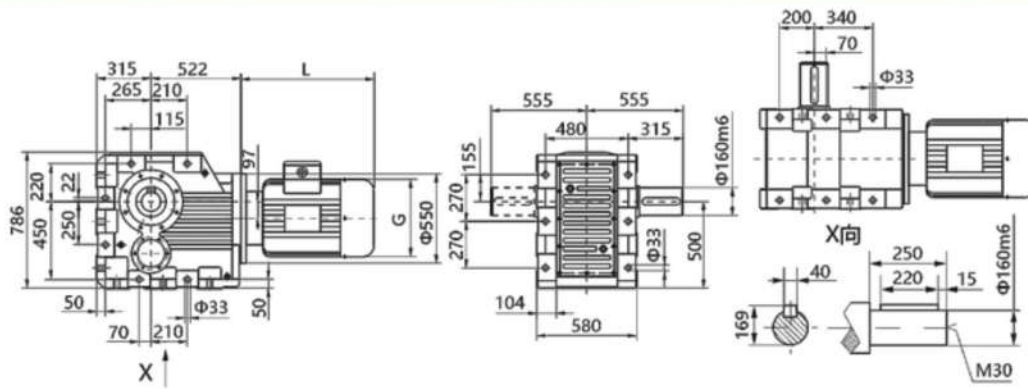


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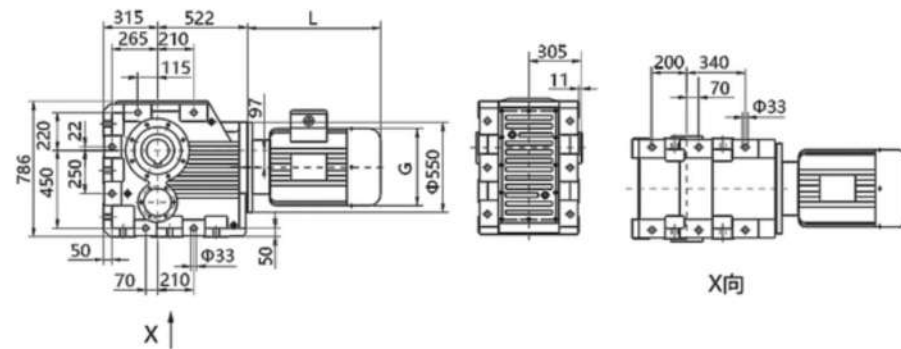


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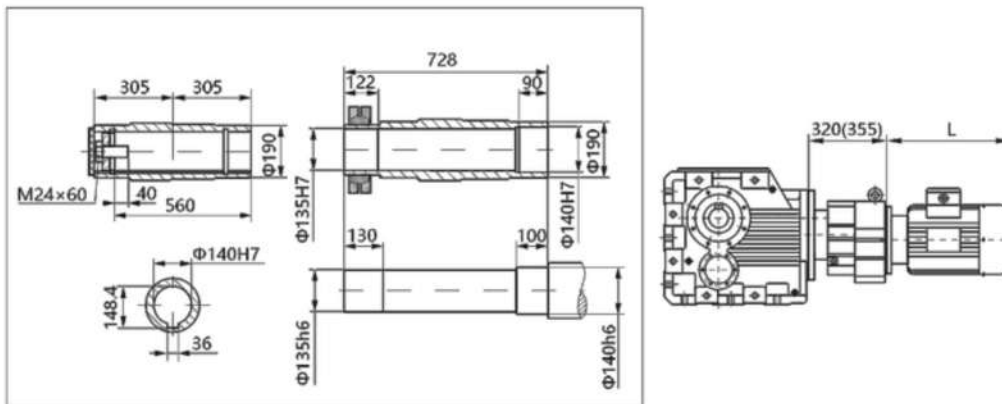




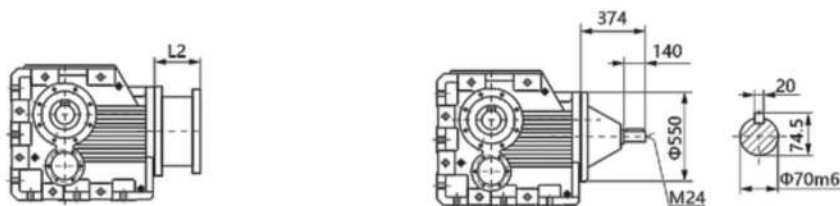
K167



KA167

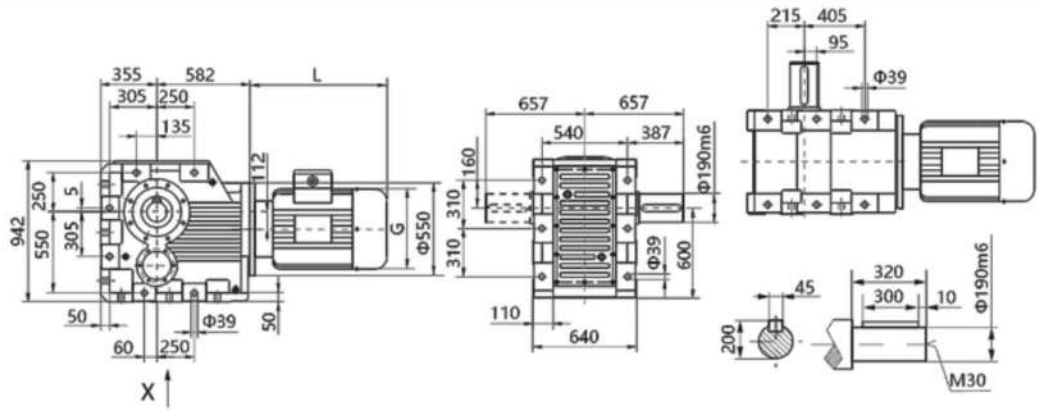


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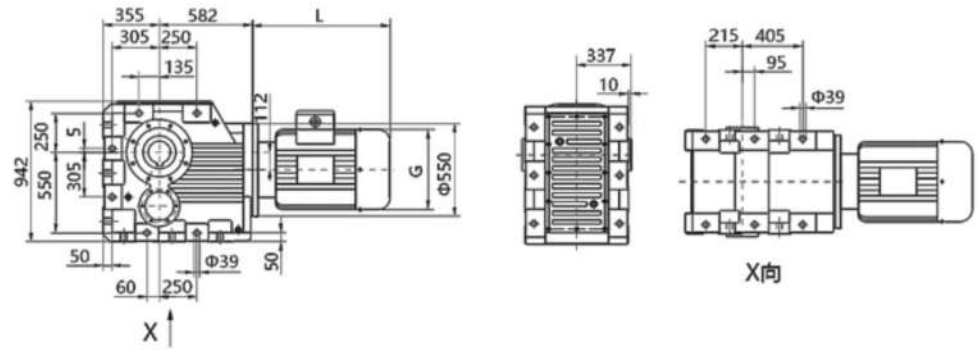


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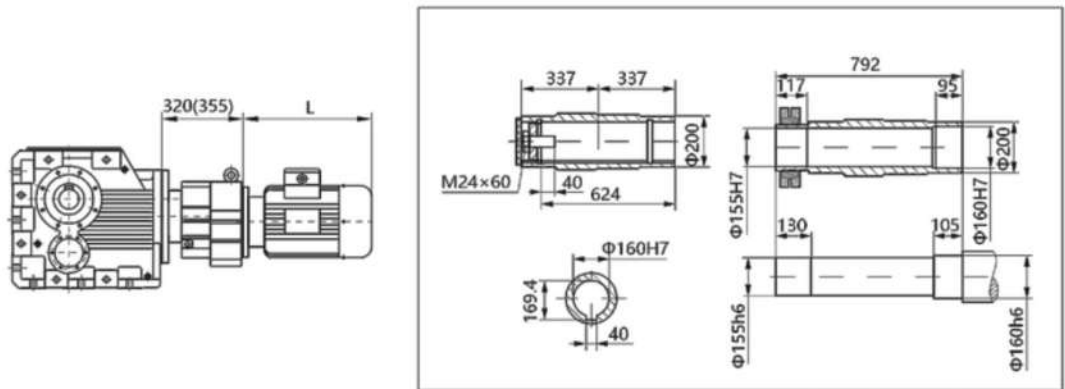
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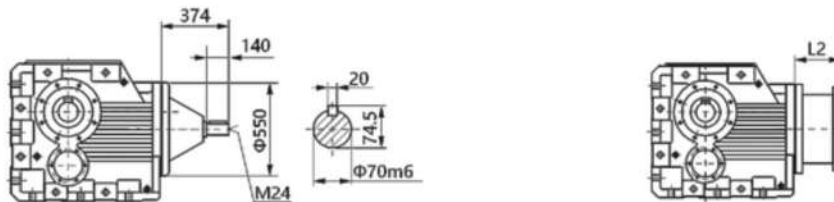
KA187



K..187H97(107)



K..S187





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