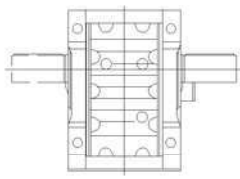
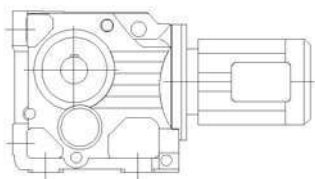


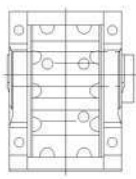
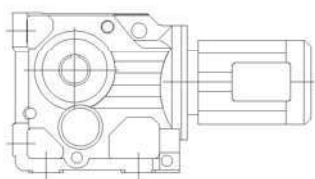
## 8 JRTK haakse kegelmotorreductor

### 8.1 Uitvoeringen



#### JRTK..D..

volle uitgaande as, montage via tapgaten (diverse opstellingen) of opsteekprincipe

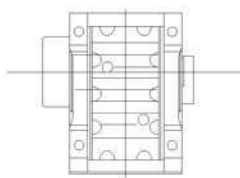
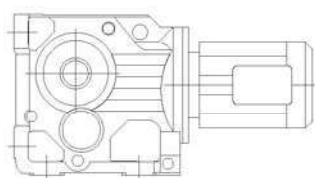


#### JRTKA..B D..

holle uitgaande as, montage via tapgaten (diverse opstellingen) of opsteekprincipe

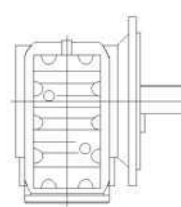
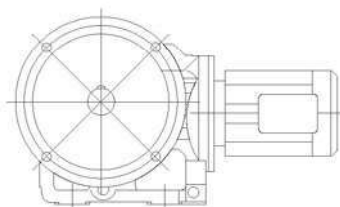
#### JRTKV..B D..

holle uitgaande spline as, montage via tapgaten (diverse opstellingen) of opsteekprincipe



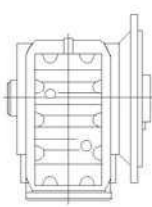
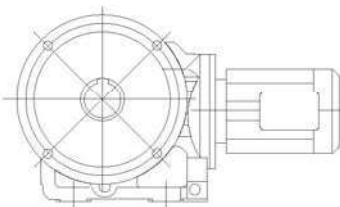
#### JRTKH..B D..

holle uitgaande as met krimpschijf, montage via tapgaten (diverse opstellingen) of opsteekprincipe



#### JRTKF..D..

volle uitgaande as, montage via B5 flens

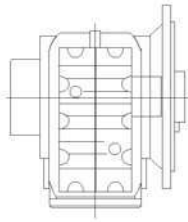
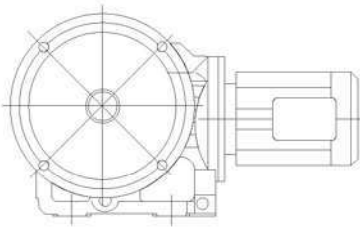


#### JRTKAF..D..

holle uitgaande as, montage via B5 flens

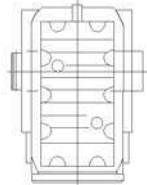
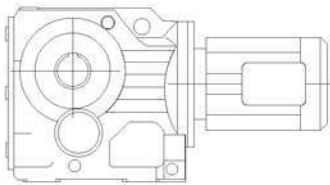
#### JRTKVF..D..

holle uitgaande spline as, montage via B5 flens



**JRTKHF..D..**

holle uitgaande as met krimpschijf, montage via B5 flens

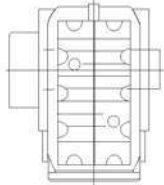
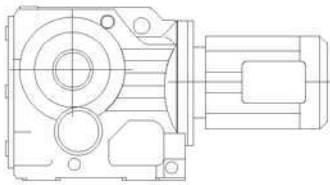


**JRTKA..D..**

holle uitgaande as

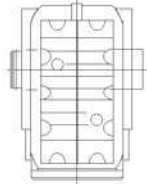
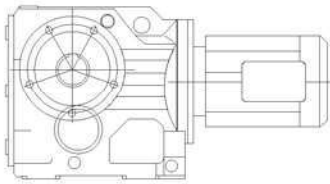
**JRTKV..D..**

holle uitgaande spline as, montage via tapgaten (diverse opstellingen) of opsteekprincipe



**JRTKH..D..**

holle uitgaande as met krimpschijf, montage via tapgaten (diverse opstellingen) of opsteekprincipe

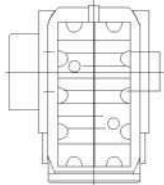
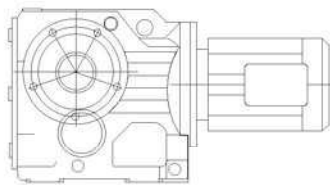


**JRTKAZ..D..**

holle uitgaande as, montage via B14 flens

**JRTKVZ..D..**

holle uitgaande spline as, montage via B14 flens



**JRTKHZ..D..**

holle uitgaande as met krimpschijf, montage via B14 flens

## 8.2 Tabellen met combinaties van reductor en elektromotor en overbrengingsverhouding

Reductorgrootte	Trappen	D63 D71	D80	D90	D100	D112	D132S	D132M
JRTK/KF/KA/KAF37	3	3.98-106.38	3.98-83.69	3.98-24.99 29.96-72.54	3.98-10.49 13.08-20.19 29.96-58.60			
JRTK/KF/KA/KAF47	3	7.36-11.77 13.65-31.30 39.61-131.87	4.64-104.37	4.64-90.86	4.64-21.81 25.91 35.39-63.30 75.20			
JRTK/KF/KA/KAF57	3	9.59-11.92 19.34-35.70 48.89-145.14	7.55-11.92 15.22-123.85	4.69-108.29	4.69-90.26	4.69-30.28 38.49-76.56		
JRTK/KF/KA/KAF67	3	10.63-12.48 19.30-35.62 48.77-144.79	8.37-12.48 15.19-123.54	5.2-108.03	5.2-90.04	5.2-30.22 38.39-76.37	5.2-24.00 38.39-60.66	5.2-24.00 38.39-60.66
JRTK/KF/KA/KAF77	3	25.62-38.39 64.75-192.18	10.84-12.36 20.25-38.39 51.18-154.02	7.24-135.28	7.24-113.56	7.24-97.05	7.24-30.89 40.04-78.07	7.24-30.89 40.04-78.07
JRTK/KF/KA/KAF87	3		16.00 27.88-31.39 70.46-197.37	11.17 16.00 19.45-31.39 49.16-174.19	8.29-11.17 14.45-147.32	8.29-11.17 14.45-126.91	7.21-102.71	7.21-102.71
JRTK/KF/KA/KAF97	3			24.75-38.30 62.55-176.05	18.96-38.30 47.93-176.05	18.96-38.30 47.93-153.21	8.71-123.93	8.71-123.93
JRTK/KF/KA/KAF107	3				13.43 22.62-29.00 32.69 57.17-143.47	13.43 22.62-29.00 32.69 57.17-143.47	8.69-29.00 32.69-143.47	8.69-29.00 32.69-143.47
JRTK/KF/KA/KAF127	3							12.79 21.15-36.25 47.82-146.07

Reductorgrootte	Trappen	D160S	D160M	D160L	D180	D200
JRTK/KF/KA/KAF77	3	7.24-23.08 40.04-58.34	7.24-23.08 40.04-58.34			
JRTK/KF/KA/KAF87	3	7.21-79.34	7.21-79.34	7.21-79.34	7.21-14.45 17.42-24.92 36.52-63.00	
JRTK/KF/KA/KAF97	3	8.71-96.80	8.71-96.80	8.71-96.80	8.71-30.82 41.87-77.89	8.71-24.75 41.87-62.55
JRTK/KF/KA/KAF107	3	8.69-112.41	8.69-112.41	8.69-112.41	8.69-90.96	8.69-31.28 37.00-73.30
JRTK/KF/KA/KAF127	3	10.74-12.79 17.77-136.14	10.74-12.79 17.77-136.14	10.74-12.79 17.77-136.14	8.68-110.18	8.68-89.89
JRTK/KF/KA/KAF157	3		18.37-31.30 46.79-150.41	18.37-31.30 46.79-150.41	14.92-122.39	12.65-100.22
JRTK/KH167	3		24.52-32.25 51.77-164.50	24.52-32.25 51.77-164.50	20.32-32.25 42.89-134.99	17.34-109.83
JRTK/KH187	3		33.23-42.51 88.00-179.86	33.23-42.51 88.00-179.86	27.92-42.51 73.96-179.86	17.18-179.86

Reductorgrootte	Trappen	D225	D250M	D280	D315	D315M_A/B
JRTK/KF/KA/KAF107	3	8.69-31.28 37.00-73.30				
JRTK/KF/KA/KAF127	3	8.68-89.89	8.68-31.37 40.19-70.95	8.68-31.37 40.19-70.95		
JRTK/KF/KA/KAF157	3	12.65-100.22	12.65-79.75	12.65-79.75	12.65-23.95 38.02-61.02	12.65-18.37 38.02-46.79
JRTK/KH167	3	17.34-109.83	17.34-87.86	17.34-87.86	17.34-68.07	17.34-24.52 36.61-51.77
JRTK/KH187	3	17.18-179.86	17.18-144.59	17.18-144.59	17.18-112.60	17.18-33.23 45.50-88.00

## 8.3 Tabellen met overbrengingsverhoudingen en maximale koppels

JR TK37-57  $n_e=1400$  1/min

JR TK37		200Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
106.38	13	200	5640	AD1	
97.81	14	200	5640		
83.69	17	200	5640		
72.54	19	200	5520		
67.80	21	200	5360		
58.60	24	200	5020		
49.79	28	200	4660		
44.46	31	200	4420		
37.97	37	200	4100		
35.57	39	200	3970		
29.96	47	200	3650		AD2
28.83	49	200	3580		
24.99	56	200	3330		
23.36	60	195	3260		
20.19	69	185	3110		
17.15	82	180	2900		
15.31	91	175	2780		
13.08	107	165	2650		
12.14	115	160	2600		
10.49	133	160	2410		
8.91	157	160	2200		
7.96	176	155	2110		
6.80	206	150	1980		
6.37	220	145	1950		
5.36	261	140	1810		
3.98	352	125	1660		

JR TK47		400Nm		
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD
131.87	11	400	5920	AD2
121.48	12	400	5920	
104.37	13	400	5920	
90.86	15	400	5920	
85.12	16	400	5920	
75.20	19	400	5920	
69.84	20	400	5920	
63.30	22	400	5920	
56.83	25	400	5920	
48.95	29	400	5920	
46.03	30	400	5920	
39.61	35	400	5920	
35.39	40	400	5920	
31.30	45	400	5700	AD3
29.32	48	400	5520	
25.91	54	400	5170	
24.06	58	400	4970	
21.81	64	400	4710	
19.58	72	400	4440	
16.86	83	380	4230	
15.86	88	380	4080	
13.65	103	360	3890	
12.19	115	350	3720	
11.77	119	280	4060	
10.56	133	280	3830	
9.10	154	280	3540	
8.56	164	270	3500	
7.36	190	250	3390	
6.58	213	240	3270	
5.81	241	230	3140	
4.64	302	205	2980	

JR TK57		600Nm		
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD
145.14	9.6	600	7630	AD2
123.85	11	600	7630	
108.29	13	600	7630	
102.88	14	600	7630	
90.26	16	600	7630	
76.56	18	600	7630	
69.12	20	600	7630	
60.81	23	600	7630	
57.42	24	600	7630	
48.89	29	600	7630	
44.43	32	600	7630	
38.49	36	600	7630	
35.70	39	600	7630	
30.28	46	600	7310	AD3
27.34	51	600	6930	
24.05	58	600	6480	
22.71	62	600	6280	
19.34	72	575	5910	
17.57	80	555	5740	
15.22	92	535	5430	
13.25	106	510	5190	
11.92	117	415	5150	
11.26	124	415	4990	
9.59	146	405	4650	
8.71	161	390	4520	
7.55	185	365	4360	
6.57	213	345	4190	
4.69	299	300	3800	



JR TK67-87  $n_g=1400$  1/min

JR TK67		820Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
144.79	9.7	820	10300		
123.54	11	820	10300		
108.03	13	820	10300		
102.62	14	820	10300		
90.04	16	820	10300		
76.37	18	820	10300		
68.95	20	820	10300	AD2	
60.66	23	820	10300		
57.28	24	820	10300		
48.77	29	820	10300		
44.32	32	820	10300		
38.39	36	820	10300		
35.62	39	820	10300		
30.22	46	820	10300		
27.28	51	820	10300		
24.00	58	800	1050		
22.66	62	780	10700		
19.30	73	760	10800		
17.54	80	740	11000		
15.19	92	700	11300	AD3	
13.22	106	670	11500		
12.48	112	530	12300		
10.63	132	500	1180		
9.66	145	480	11500		
8.37	167	440	11100		
7.28	192	420	10700		
5.20	269	350	9870		

JR TK77		1550Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
192.18	7.3	1450	16100		
179.37	7.8	1450	16100		
154.02	9.1	1550	15400		
135.28	10	1550	15400		
128.52	11	1550	15400		
113.56	12	1550	15400	AD2	
97.05	14	1550	15400		
88.97	16	1550	15400		
78.07	18	1550	15400		
73.99	19	1550	15400		
64.75	22	1550	15400		
58.34	24	1550	15400		
51.18	27	1550	15400		
45.16	31	1550	15400		
40.04	35	1550	15400		
38.39	36	1550	15400	AD3	
35.20	40	1550	15400		
30.89	45	1550	15400		
29.27	48	1550	15400		
25.62	55	1550	15400		
23.08	61	1550	15400		
20.25	69	1550	15700		
17.87	78	1450	16100		
15.84	88	1400	15500	AD4	
13.52	104	1340	14800		
12.36	113	1000	15100		
10.84	129	990	14400		
9.56	146	940	13900		
8.48	165	890	13500		
7.24	193	820	13100		

JR TK87		2700Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
197.37	7.1	2700	27300		
174.19	8.0	2700	27300		
164.34	8.5	2700	27300		
147.32	9.5	2700	27300	AD2	
126.91	11	2700	27300		
115.82	12	2700	27300		
102.71	14	2700	27300		
86.34	16	2700	27300		
79.34	18	2700	27300		
70.46	20	2700	27300		
63.00	22	2700	26200	AD3	
56.64	25	2700	25000		
49.16	28	2700	23500		
44.02	32	2600	22800		
36.52	38	2500	21400		
31.39	45	2700	19200		
27.88	50	2600	18500		
24.92	56	2500	18000		
22.41	62	2300	17900		
19.45	72	2300	16800	AD4	
17.42	80	2200	16300		
16.00	87	1800	16000		
14.45	97	2100	15300		
12.56	111	2000	14800		
11.17	125	1500	14900		
10.00	140	1500	14200	AD5	
8.29	169	1400	13500		
7.21	194	1300	13200		

JRTK97-127,  $n_a=1400$  1/min

JRTK97		4300Nm		
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD
176.05	8.0	4300	40000	
153.21	9.1	4300	40000	
140.28	10	4300	40000	
123.93	11	4300	40000	
105.13	13	4300	40000	AD3
96.80	14	4300	40000	
86.52	16	4300	38800	
77.89	18	4300	37100	
70.54	20	4300	35600	
62.55	22	4300	33800	
56.55	25	4300	32300	AD4
47.93	29	4300	30000	
41.87	33	4300	28300	
38.30	37	4300	27100	
34.23	41	4300	25700	
30.02	45	4300	24500	
27.91	50	4300	23300	
24.75	57	4300	22000	AD5
22.37	63	4300	20900	
18.96	74	4300	19100	
16.56	85	4300	17800	
13.85	101	4300	16100	AD6
11.99	117	3890	16200	
10.41	134	2870	16400	AD5
8.71	161	2660	15800	AD6

JRTK107		8000Nm		
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD
143.47	9.8	8000	65000	
121.46	12	8000	61700	
112.41	12	8000	59700	
100.75	14	8000	57000	AD4
90.96	15	8000	54600	
82.61	17	8000	52400	
73.30	19	8000	49700	
66.52	21	8000	47600	
57.17	24	8000	44400	
49.90	28	7840	42200	
42.33	33	7360	40500	
37.00	38	7200	38500	AD5
32.69	43	7200	36300	
31.28	45	6800	36700	
29.00	48	7200	34000	
26.02	53	7200	32000	
22.62	62	7200	28900	
19.74	71	7200	26100	
16.75	84	7050	23600	AD6
14.64	96	6890	21900	
13.43	104	4300	29200	
11.73	119	4300	27500	
9.94	141	4190	25800	
8.69	161	4070	24600	

JRTK127		13000Nm		
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD
146.07	9.6	13000	79200	
136.14	10	13000	79200	
122.48	11	13000	79200	AD4
110.18	13	13000	79200	
89.89	16	13000	75100	
81.98	17	13000	72100	
70.95	20	13000	67700	AD5
62.60	22	13000	64000	
54.07	26	13000	59900	
47.82	29	13000	56500	
40.19	35	13000	52000	AD6
36.25	39	13000	49400	
31.37	45	13000	45900	AD7
27.68	51	13000	43000	
23.91	59	13000	39800	
21.15	66	13000	37200	
17.77	79	13000	33600	
14.35	98	12100	31800	AD8
12.79	109	8530	35400	
10.74	130	8000	33900	
8.68	161	7230	32500	

JRTK157-187, JRTK37R17, JRTK47/57R37  $n_g = 1400$  1/min

JRTK157		18000Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
150.41	9.3	18000	112200	AD5	
122.39	11	18000	106500		
100.22	14	18000	98000		
91.65	15	18000	94400		
79.75	18	18000	88900		
70.38	20	18000	84200		
61.02	23	18000	79000		
54.29	26	18000	74900		
46.79	30	18000	70000	AD7	
38.02	37	18000	63300		
31.30	45	18000	57500	AD8	
27.62	51	18000	54000		
23.95	58	18000	50000		
21.31	66	18000	47000		
18.37	76	18000	43200		
14.92	94	18000	38200		
12.65	111	17000	36700		

JRTK167		32000Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
164.50	8.5	32000	150000	AD5	
134.99	10	32000	150000	AD6	
109.83	13	32000	150000		
87.86	16	32000	147200	AD7	
78.14	18	32000	140100		
68.07	21	32000	132000		
60.74	23	32000	125600		
51.77	27	32000	117000	AD8	
42.89	33	32000	107400		
36.61	38	32000	99700		
32.25	43	32000	93700		
28.77	49	32000	88600		
24.52	57	32000	81700		
20.32	69	32000	74000		
17.34	81	32000	67900		

JRTK187		50000Nm			
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	AD	
179.86	7.8	50000	189900	AD6	
165.21	8.5	50000	189900		
144.59	9.7	50000	189900		
129.69	11	50000	188200	AD7	
112.60	12	50000	177200		
102.16	14	50000	169900		
88.00	16	50000	159000	AD8	
73.96	19	50000	147000		
64.04	22	50000	137500		
53.36	26	50000	126100		
45.50	31	50000	116600		
42.51	33	50000	112700		
38.57	36	50000	107200		
33.23	42	50000	99100		
27.92	50	50000	90200	AD8	
24.18	58	47600	86800		
20.15	69	43900	84000		
17.18	81	41400	80800		

JRTK37R17		200Nm			
i	$n_a$ [1/min]	Stage	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	
6832	0.20	3 3	200	5640	
5922	0.24	3 3	200	5640	
5491	0.25	3 3	200	5640	
4759	0.29	3 3	200	5640	
4160	0.34	3 3	200	5640	
3645	0.38	3 3	200	5640	
3205	0.44	3 3	200	5640	
2801	0.50	3 3	200	5640	
2454	0.57	3 3	200	5640	
2166	0.65	3 3	200	5640	
1891	0.74	3 3	200	5640	
1660	0.84	3 3	200	5640	
1466	0.95	3 3	200	5640	
1288	1.1	3 3	200	5640	
1136	1.2	3 3	200	5640	
996	1.4	3 2	200	5640	
876	1.6	3 2	200	5640	
761	1.8	3 2	200	5640	
671	2.1	3 2	200	5640	
585	2.4	3 2	200	5640	
512	2.7	3 2	200	5640	
451	3.1	3 2	200	5640	
396	3.5	3 2	200	5640	
346	4.0	3 2	200	5640	
304	4.6	3 2	200	5640	
267	5.2	3 2	200	5640	
234	6.0	3 2	200	5640	
205	6.8	3 2	200	5640	
181	7.7	3 2	200	5640	
160	8.8	3 2	200	5640	
136	10	3 2	200	5640	
127	11	3 2	200	5640	
110	13	3 2	200	5640	
96	15	3 2	200	5640	

JRTK47R37		400Nm			
i	$n_a$ [1/min]	Stage	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	
10138	0.14	3 3	400	5920	
8534	0.16	3 3	400	5920	
7662	0.18	3 3	400	5920	
6826	0.21	3 3	400	5920	
5983	0.23	3 3	400	5920	
5159	0.27	3 3	400	5920	
4601	0.30	3 3	400	5920	
3940	0.36	3 3	400	5920	
3477	0.40	3 3	400	5920	
3043	0.46	3 3	400	5920	
2733	0.51	3 3	400	5920	
2354	0.59	3 3	400	5920	
2063	0.68	3 3	400	5920	
1819	0.77	3 3	400	5920	
1586	0.88	3 3	400	5920	
1388	1.0	3 3	400	5920	
1222	1.1	3 2	400	5920	
1097	1.3	3 2	400	5920	
945	1.5	3 2	400	5920	
831	1.7	3 2	400	5920	
718	1.9	3 2	400	5920	
639	2.2	3 2	400	5920	
552	2.5	3 2	400	5920	
495	2.8	3 2	400	5920	
426	3.3	3 2	400	5920	
375	3.7	3 2	400	5920	
327	4.3	3 2	400	5920	
289	4.8	3 2	400	5920	
256	5.5	3 2	400	5920	
225	6.2	3 2	400	5920	
198	7.1	3 2	400	5920	
171	8.2	3 2	400	5920	
153	9.2	3 2	400	5920	
131	11	3 2	400	5920	
112	13	3 2	400	5920	
99	14	3 2	400	5920	
94	15	3 2	400	5920	

JRTK57R37		600Nm			
i	$n_a$ [1/min]	Stage	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	
12169	0.12	3 3	600	7630	
11162	0.13	3 3	600	7630	
9503	0.15	3 3	600	7630	
8547	0.16	3 3	600	7630	
7277	0.19	3 3	600	7630	
6478	0.22	3 3	600	7630	
5662	0.25	3 3	600	7630	
5033	0.28	3 3	600	7630	
4340	0.32	3 3	600	7630	
3854	0.36	3 3	600	7630	
3390	0.41	3 3	600	7630	
2924	0.48	3 3	600	7630	
2593	0.54	3 3	600	7630	
2249	0.62	3 3	600	7630	
1986	0.70	3 3	600	7630	
1743	0.80	3 2	600	7630	
1539	0.91	3 2	600	7630	
1354	1.0	3 2	600	7630	
1174	1.2	3 2	600	7630	
1036	1.4	3 2	600	7630	
906	1.5	3 2	600	7630	
806	1.7	3 2	600	7630	
699	2.0	3 2	600	7630	
615	2.3	3 2	600	7630	
544	2.6	3 2	600	7630	
473	3.0	3 2	600	7630	
421	3.3	3 2	600	7630	
362	3.9	3 2	600	7630	
319	4.4	3 2	600	7630	
280	5.0	3 2	600	7630	
246	5.7	3 2	600	7630	
215	6.5	3 2	600	7630	
192	7.3	3 2	600	7630	
166	8.4	3 2	600	7630	
145	9.7	3 2	600	7630	
129	11	3 2	600	7630	
111	13	3 2	600	7630	
97	14	3 2	600	7630	



## JR TK67/77R37, JR TK87R57

 $n_g = 1400$  1/min

JR TK67R37		820Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K67	R37		
12139	0.12	3	3	820	10300
11134	0.13	3	3	820	10300
9479	0.15	3	3	820	10300
8173	0.17	3	3	820	10300
7259	0.19	3	3	820	10300
6462	0.22	3	3	820	10300
5648	0.25	3	3	820	10300
4846	0.29	3	3	820	10300
4329	0.32	3	3	820	10300
3750	0.37	3	3	820	10300
3315	0.42	3	3	820	10300
2917	0.48	3	3	820	10300
2532	0.55	3	3	820	10300
2244	0.62	3	3	820	10300
1981	0.71	3	3	820	10300
1739	0.81	3	2	820	10300
1535	0.91	3	2	820	10300
1351	1.0	3	2	820	10300
1171	1.2	3	2	820	10300
1034	1.4	3	2	820	10300
903	1.6	3	2	820	10300
793	1.8	3	2	820	10300
697	2.0	3	2	820	10300
613	2.3	3	2	820	10300
542	2.6	3	2	820	10300
471	3.0	3	2	820	10300
420	3.3	3	2	820	10300
361	3.9	3	2	820	10300
323	4.3	3	2	820	10300
279	5.0	3	2	820	10300
246	5.7	3	2	820	10300
217	6.5	3	2	820	10300
191	7.3	3	2	820	10300
166	8.4	3	2	820	10300
144	9.7	3	2	820	10300
122	11	3	2	820	10300

JR TK77R37		1550Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K77	R37		
15310	0.09	3	3	1550	15400
14043	0.10	3	3	1550	15400
11955	0.12	3	3	1550	15400
10217	0.14	3	3	1550	15400
8809	0.16	3	3	1550	15400
7528	0.19	3	3	1500	15400
6606	0.21	3	3	1550	15400
5774	0.24	3	3	1550	15400
5089	0.28	3	3	1550	15400
4489	0.31	3	3	1550	15100
3961	0.35	3	3	1550	15400
3485	0.40	3	3	1500	15400
2901	0.48	3	3	1550	15400
2717	0.52	3	3	1550	15400
2370	0.59	3	3	1550	15400
2050	0.68	3	2	1550	15400
1772	0.79	3	2	1550	15400
1514	0.92	3	2	1500	15400
1388	1.0	3	2	1550	15400
1218	1.1	3	2	1550	15400
1053	1.3	3	2	1550	15400
924	1.5	3	2	1550	15400
815	1.7	3	2	1550	15400
709	2.0	3	2	1500	15400
622	2.3	3	2	1550	15400
552	2.5	3	2	1550	15400
485	2.9	3	2	1550	15400
428	3.3	3	2	1550	15400
367	3.8	3	2	1550	15400
328	4.3	3	2	1500	15400
290	4.8	3	2	1550	15400
252	5.6	3	2	1550	15400
221	6.3	3	2	1550	15400
195	7.2	3	2	1550	15400
175	8.0	3	2	1550	15400
154	9.1	3	2	1550	15400

JR TK87R57		2700Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K87	R57		
14829	0.09	3	3	2700	27300
13168	0.11	3	3	2700	27300
11737	0.12	3	3	2700	27300
10217	0.14	3	3	2700	27300
9073	0.15	3	3	2700	27300
7854	0.18	3	3	2700	27300
6832	0.20	3	3	2700	27300
5930	0.24	3	3	2700	27300
5240	0.27	3	3	2700	27300
4562	0.31	3	3	2700	27300
4037	0.35	3	3	2700	27300
3609	0.39	3	3	2700	27300
3107	0.45	3	3	2700	27300
2728	0.51	3	3	2700	27300
2371	0.59	3	3	2700	27300
2088	0.67	3	2	2700	27300
1854	0.76	3	2	2700	27300
1657	0.84	3	2	2700	27300
1415	0.99	3	2	2700	27300
1229	1.1	3	2	2700	27300
1078	1.3	3	2	2700	27300
951	1.5	3	2	2700	27300
837	1.7	3	2	2700	27300
726	1.9	3	2	2700	27300
628	2.2	3	2	2700	27300
562	2.5	3	2	2700	27300
474	3.0	3	2	2700	27300
426	3.3	3	2	2700	27300
373	3.8	3	2	2700	27300
330	4.2	3	2	2700	27300
294	4.8	3	2	2700	27300
250	5.6	3	2	2700	27300
236	5.9	3	2	2700	27300
201	7.0	3	2	2700	27300
183	7.7	3	2	2700	27300
159	8.8	3	2	2700	27300
141	9.9	3	2	2700	27400

## JRTR97R57, JRTR107/127R77

 $n_e = 1400$  1/min

JRTR97R57		4300Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K97	R57		
18091	0.08	3	3	4300	40000
16666	0.08	3	3	4300	40000
14897	0.09	3	3	4300	40000
13182	0.11	3	3	4300	40000
11677	0.12	3	3	4300	40000
10317	0.14	3	3	4300	40000
9083	0.15	3	3	4300	40000
8054	0.17	3	3	4300	40000
6970	0.20	3	3	4300	40000
6027	0.23	3	3	4300	40000
5391	0.26	3	3	4300	40000
4669	0.30	3	3	4300	40000
4082	0.34	3	3	4300	40000
3583	0.39	3	3	4300	40000
3108	0.45	3	3	4300	40000
2757	0.51	3	3	4300	40000
2419	0.58	3	2	4300	40000
2123	0.66	3	2	4300	40000
1856	0.75	3	2	4300	40000
1625	0.86	3	2	4300	40000
1430	0.98	3	2	4300	40000
1261	1.1	3	2	4300	40000
1102	1.3	3	2	4300	40000
957	1.5	3	2	4300	40000
855	1.6	3	2	4300	40000
743	1.9	3	2	4300	40000
652	2.1	3	2	4300	40000
573	2.4	3	2	4300	40000
504	2.8	3	2	4300	40000
437	3.2	3	2	4300	40000
382	3.7	3	2	4300	40000
342	4.1	3	2	4300	40000
305	4.6	3	2	4300	40000
258	5.4	3	2	4300	40000
232	6.0	3	2	4300	40000
199	7.0	3	2	4300	40000

JRTR107R77		8000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K107	R77		
14311	0.10	3	3	8000	65000
12211	0.11	3	3	8000	65000
10677	0.13	3	3	8000	65000
9524	0.15	3	3	8000	65000
8328	0.17	3	3	8000	65000
7270	0.19	3	3	8000	65000
6184	0.23	3	3	8000	65000
5662	0.25	3	3	8000	65000
5138	0.27	3	3	8000	65000
4359	0.32	3	3	8000	65000
3810	0.37	3	3	8000	65000
3358	0.42	3	3	8000	65000
2977	0.47	3	3	8000	65000
2599	0.54	3	3	8000	65000
2286	0.61	3	3	8000	65000
1939	0.72	3	3	8000	65000
1713	0.82	3	2	8000	65000
1554	0.90	3	2	8000	65000
1336	1.0	3	2	8000	65000
1166	1.2	3	2	8000	65000
1030	1.4	3	2	8000	65000
904	1.5	3	2	8000	65000
793	1.8	3	2	8000	65000
696	2.0	3	2	8000	65000
615	2.3	3	2	8000	65000
522	2.7	3	2	8000	65000
461	3.0	3	2	8000	65000
408	3.4	3	2	8000	65000
364	3.8	3	2	8000	65000
318	4.4	3	2	8000	65000
286	4.9	3	2	8000	65000
251	5.6	3	2	8000	65000
222	6.3	3	2	8000	65000
196	7.1	3	2	8000	65000
174	8.0	3	2	7200	65000
154	9.1	3	2	7200	65000
140	10	3	2	7200	65000

JRTR127R77		13000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K127	R77		
17550	0.08	3	3	13000	79200
16006	0.09	3	3	13000	79200
14975	0.09	3	3	13000	79200
12440	0.11	3	3	13000	79200
10915	0.13	3	3	13000	79200
9818	0.14	3	3	13000	79200
8443	0.17	3	3	13000	79200
7482	0.19	3	3	13000	79200
6565	0.21	3	3	13000	79200
5804	0.24	3	3	13000	79200
5027	0.28	3	3	13000	79200
4423	0.32	3	3	13000	79200
3889	0.36	3	3	13000	79200
3311	0.42	3	3	13000	79200
3009	0.47	3	3	13000	79200
2607	0.54	3	3	13000	79200
2268	0.62	3	3	13000	79200
1926	0.73	3	2	13000	79200
1757	0.80	3	2	13000	79200
1541	0.91	3	2	13000	79200
1342	1.0	3	2	13000	79200
1177	1.2	3	2	13000	79200
1025	1.4	3	2	13000	79200
899	1.6	3	2	13000	79200
790	1.8	3	2	13000	79200
704	2.0	3	2	13000	79200
610	2.3	3	2	13000	79200
549	2.6	3	2	13000	79200
477	2.9	3	2	13000	79200
418	3.3	3	2	13000	79200



JRTK127R87, JRTK157R97, JRTK157R107  $n_a=1400$  1/min

JRTK127R87		13000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K127	R87		
536	2.6	3	2	13000	79200
473	3.0	3	2	13000	79200
418	3.3	3	2	13000	79200
367	3.8	3	2	13000	79200
330	4.2	3	2	13000	79200
287	4.9	3	2	13000	79200
253	5.5	3	2	13000	79200
213	6.6	3	2	13000	79200
200	7.0	3	2	13000	79700
166	8.4	3	2	13000	79700
147	9.5	3	2	13000	79700

JRTK157R97		18000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K157	R97		
17679	0.08	3	3	18000	112200
15729	0.09	3	3	18000	112200
14721	0.10	3	3	18000	112200
13097	0.11	3	3	18000	112200
11368	0.12	3	3	18000	112200
10114	0.14	3	3	18000	112200
8718	0.16	3	3	18000	112200
7734	0.18	3	3	18000	112200
6881	0.20	3	3	18000	112200
5931	0.24	3	3	18000	112200
5074	0.28	3	3	18000	112200
4514	0.31	3	3	18000	112200
3979	0.35	3	3	18000	112200
3516	0.40	3	3	18000	112200
3051	0.46	3	3	18000	112200
2610	0.54	3	3	18000	112200
2322	0.60	3	3	18000	112200
2029	0.69	3	3	18000	112200
1805	0.78	3	3	18000	112200
1659	0.84	3	2	18000	112200
1365	1.0	3	2	18000	112200
1229	1.1	3	2	18000	112200
1093	1.3	3	2	18000	112200
942	1.5	3	2	18000	112200
854	1.6	3	2	18000	112200
756	1.9	3	2	18000	112200
661	2.1	3	2	18000	112200
567	2.5	3	2	18000	112200
504	2.8	3	2	18000	112200
434	3.2	3	2	18000	112200
379	3.7	3	2	18000	112200
333	4.2	3	2	18000	112200
291	4.8	3	2	18000	112200

JRTK157R107		18000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K157	R107		
385	3.6	3	2	18000	112200
325	4.3	3	2	18000	111200
299	4.7	3	2	18000	111200
253	5.5	3	2	18000	112200
230	6.1	3	2	18000	111200
213	6.6	3	2	18000	111200
187	7.5	3	2	18000	112200
157	8.9	3	2	18000	111200
122	11	3	2	18000	106500
107	13	3	2	18000	100700

JRTK167/187R97, JRTK167/187R107  $n_e=1400$  1/min

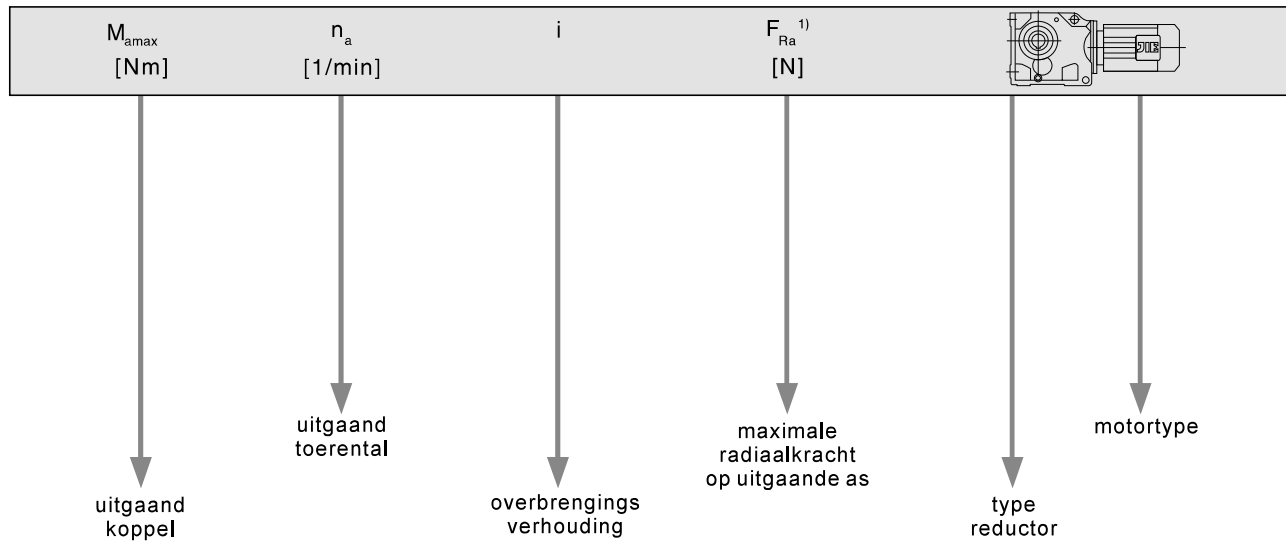
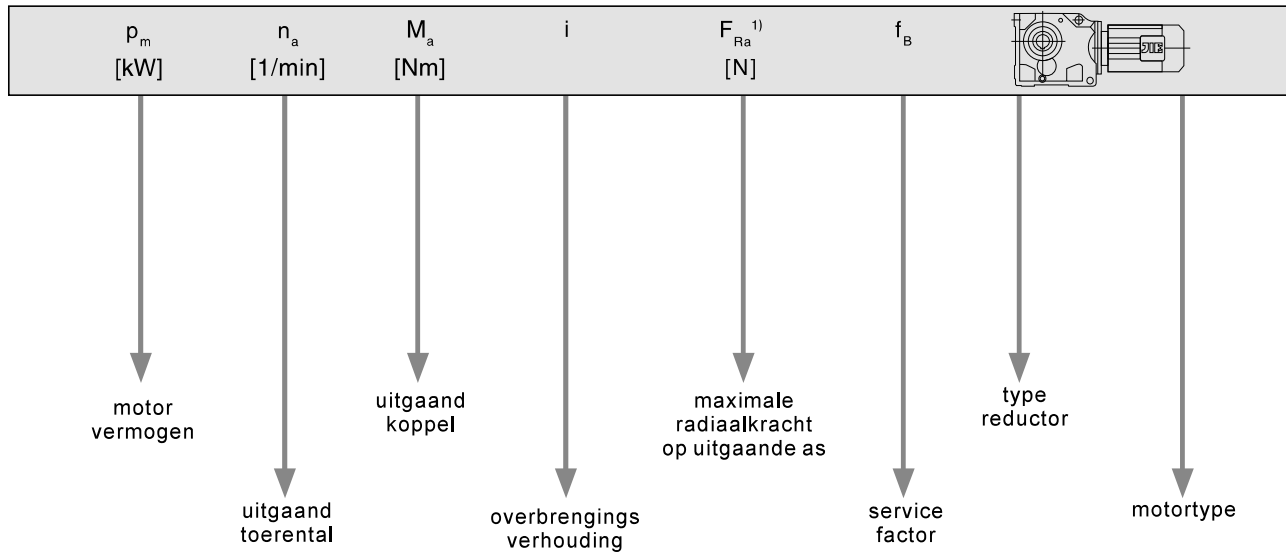
JRTK167R97		32000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K167	R97		
19723	0.07	3	3	32000	150000
17406	0.08	3	3	32000	150000
15000	0.09	3	3	32000	150000
13238	0.11	3	3	32000	150000
11573	0.12	3	3	32000	150000
10264	0.14	3	3	32000	150000
8628	0.16	3	3	32000	150000
6562	0.21	3	3	32000	150000
5355	0.26	3	3	32000	150000
4788	0.29	3	3	32000	150000
4079	0.34	3	3	32000	150000
3376	0.41	3	3	32000	150000
2755	0.51	3	3	32000	150000
2263	0.62	3	3	32000	150000
2182	0.64	3	2	32000	150000
1704	0.82	3	2	32000	150000
1408	0.99	3	2	32000	150000
1296	1.1	3	2	32000	150000
1101	1.3	3	2	32000	150000
944	1.5	3	2	32000	150000
843	1.7	3	2	32000	150000
757	1.8	3	2	32000	150000
632	2.2	3	2	32000	150000
561	2.5	3	2	32000	150000
481	2.9	3	2	32000	150000
423	3.3	3	2	32000	150000
369	3.8	3	2	32000	150000

JRTK187R107		50000Nm	
i	$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]
729	1.9	50000	190000
622	2.3	50000	190000
520	2.7	50000	190000
454	3.1	50000	190000
355	3.9	50000	190000
261	5.4	50000	190000
221	6.3	50000	190000
193	7.3	50000	190000
163	8.6	50000	190000

JRTK167R107		32000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K167	R107		
318	4.4	3	2	32000	150000
278	5.0	3	2	32000	150000
244	5.7	3	2	32000	150000
213	6.6	3	2	32000	150000
206	6.8	3	2	32000	150000
180	7.8	3	2	32000	150000
160	8.8	3	2	32000	150000
135	10	3	2	32000	150000
118	12	3	2	32000	150000

JRTK187R97		50000Nm			
i	$n_a$ [1/min]	Stage		$M_{amax}$ [Nm]	$F_{Ra}$ [N]
		K187	R97		
32625	0.04	3	3	50000	189900
27165	0.05	3	3	50000	189900
24353	0.06	3	3	50000	189900
19144	0.07	3	3	50000	189900
16978	0.08	3	3	50000	189900
14272	0.10	3	3	50000	189900
13116	0.11	3	3	50000	189900
11647	0.12	3	3	50000	189900
10413	0.13	3	3	50000	189900
9363	0.15	3	3	50000	189900
8126	0.17	3	3	50000	189900
7343	0.19	3	3	50000	189900
6747	0.21	3	3	50000	189900
5991	0.23	3	3	50000	189900
5358	0.26	3	3	50000	189900
4817	0.29	3	3	50000	189900
4370	0.32	3	3	50000	189900
3609	0.39	3	3	50000	189900
3062	0.46	3	3	50000	189900
2818	0.50	3	3	50000	189900
2519	0.56	3	2	50000	189900
2268	0.62	3	2	50000	189900
2054	0.68	3	2	50000	189900
1821	0.77	3	2	50000	189900
1605	0.87	3	2	50000	189900
1395	1.0	3	2	50000	189900
1196	1.2	3	2	50000	189900
1046	1.3	3	2	50000	189900
945	1.5	3	2	50000	189900
738	1.9	3	2	50000	189900
621	2.3	3	2	50000	189900
527	2.7	3	2	50000	189900

## 8.4 Selectietabellen



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>0.12kW</b>					
0.08	10900	17550	80300	1.20	
0.09	9900	16006	80700	1.30	
0.09	9260	14975	81000	1.40	JRTK127R77DS63S4
0.11	7690	12440	81600	1.70	JRTKF127R77DS63S4
0.13	6750	10915	81900	1.95	JRTKA127R77DS63S4
0.14	6070	9819	82000	2.1	JRTKAF127R77DS63S4
0.16	5190	8443	82300	2.5	
0.18	4630	7482	82400	2.8	
0.10	8850	14311	65000	0.90	
0.11	7550	12211	65000	1.05	
0.13	6600	10677	65000	1.20	
0.14	5890	9524	65000	1.35	JRTK107R77DS63S4
0.17	5150	8328	65000	1.55	JRTKF107R77DS63S4
0.19	4500	7270	65000	1.80	JRTKA107R77DS63S4
0.22	3710	6184	65000	2.2	JRTKAF107R77DS63S4
0.24	3220	5662	65000	2.5	
0.27	2920	5138	65000	2.7	
0.32	2680	4359	65000	3.0	
0.17	5460	8054	39400	0.80	
0.20	4430	6970	40000	0.95	
0.23	4000	6027	40000	1.05	
0.26	3660	5391	40000	1.20	JRTK97R57DS63S4
0.30	3020	4669	40000	1.40	JRTKF97R57DS63S4
0.34	2740	4082	40000	1.55	JRTKA97R57DS63S4
0.39	2380	3583	40000	1.80	JRTKAF97R57DS63S4
0.44	2100	3108	40000	2.1	
0.50	1770	2757	40000	2.4	
0.57	1650	2419	40000	2.6	
0.65	1430	2123	40000	3.0	
0.74	1270	1856	40000	3.4	JRTK97R57DS63S4
0.85	1050	1625	40000	4.1	JRTKF97R57DS63S4
0.96	890	1430	40000	4.8	JRTKA97R57DS63S4
1.1	870	1261	40000	5.0	JRTKAF97R57DS63S4
1.2	755	1102	40000	5.7	
0.26	3480	5240	26200	0.80	
0.30	2900	4562	27000	0.95	
0.34	2680	4037	27300	1.00	JRTK87R57DS63S4
0.38	2400	3609	27600	1.15	JRTKF87R57DS63S4
0.44	2070	3107	28000	1.30	JRTKA87R57DS63S4
0.51	1730	2728	28300	1.55	JRTKAF87R57DS63S4
0.58	1530	2371	28400	1.75	
0.66	1430	2088	28500	1.90	
0.74	1270	1854	28600	2.1	
0.83	1140	1657	28700	2.4	
0.97	970	1415	28800	2.8	JRTK87R57
1.1	840	1229	28900	3.2	JRTKF87R57
1.3	725	1078	28900	3.7	JRTKA87R57
1.4	610	951	29000	4.4	JRTKAF87R57
1.7	525	837	29000	5.2	
1.9	455	726	29000	5.9	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>0.12kW</b>					
0.51	1840	2717	11500	0.85	JRTK77R37DS63S4
0.58	1530	2370	15500	1.00	JRTKF77R37DS63S4
					JRTKA77R37DS63S4
					JRTKAF77R37DS63S4
0.67	1440	2050	16100	1.10	
0.78	1230	1772	17300	1.25	
0.91	1050	1514	18100	1.50	
0.99	960	1388	18500	1.60	JRTK77R37DS63S4
1.1	840	1218	18900	1.85	JRTKF77R37DS63S4
1.3	740	1053	19200	2.1	JRTKA77R37DS63S4
1.5	645	924	19400	2.4	JRTKAF77R37DS63S4
1.7	570	815	19600	2.7	
2.0	450	709	19800	3.5	
2.2	395	622	19900	3.9	
1.0	960	1351	6940	0.85	
1.2	830	1171	10300	1.00	
1.3	725	1034	11100	1.15	
1.5	605	903	11900	1.35	
1.7	570	793	12100	1.45	
2.0	455	697	12600	1.80	JRTK67R37DS63S4
2.2	400	613	12800	2.0	JRTKF67R37DS63S4
2.6	350	542	13000	2.3	JRTKA67R37DS63S4
2.9	330	471	13000	2.5	JRTKAF67R37DS63S4
3.3	270	420	13000	3.0	
3.8	250	361	13000	3.3	
4.3	220	323	13000	3.8	
5.0	181	279	13000	4.5	
5.6	159	246	13000	5.2	
6.4	139	217	13000	5.9	
1.5	605	906	7590	1.00	
1.7	545	806	8060	1.10	
2.0	455	699	8630	1.30	
2.2	400	615	8870	1.50	
2.5	350	544	9080	1.70	
2.9	325	473	9190	1.85	JRTK57R37DS63S4
3.3	275	421	9390	2.2	JRTKF57R37DS63S4
3.8	250	362	9470	2.4	JRTKA57R37DS63S4
4.3	220	319	9570	2.8	JRTKAF57R37DS63S4
4.9	181	280	9690	3.3	
5.6	160	246	9760	3.8	
6.4	141	215	9810	4.3	
7.2	126	192	9850	4.8	
2.2	430	639	2520	0.95	
2.5	380	552	6170	1.05	
2.8	325	495	6840	1.25	JRTK47R37DS63S4
3.2	290	426	7160	1.40	JRTKF47R37DS63S4
3.7	245	375	7510	1.65	JRTKA47R37DS63S4
4.2	225	327	7620	1.75	JRTKAF47R37DS63S4
4.8	198	289	7780	2.0	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.12kW</b>					
4.0	245	346	3540	0.80	
4.5	205	304	5570	0.95	
5.2	189	267	5760	1.05	JRTK37R17DS63S4
5.9	163	234	6010	1.20	JRTKF37R17DS63S4
6.7	143	205	6180	1.40	JRTKA37R17DS63S4
7.6	124	181	6300	1.60	JRTKAF37R17DS63S4
8.6	109	160	6400	1.85	
10	91	136	6490	2.2	
6.2	184	144.79	13000	4.5	JRTK67DS63M6 JRTKF67DS63M6 JRTKA67DS63M6 JRTKAF67DS63M6
6.2	185	145.14	9680	3.3	
7.3	158	123.85	9760	3.8	JRTK57DS63M6
8.3	138	108.29	9820	4.4	JRTKF57DS63M6
8.8	131	102.88	9840	4.6	JRTKA57DS63M6
10	115	90.26	9880	5.2	JRTKAF57DS63M6
12	98	76.56	9930	6.2	
9.5	121	145.14	9870	5.0	JRTK57DS63S4
11	103	123.85	9920	5.8	JRTKF57DS63S4
13	90	108.29	9950	6.7	JRTKA57DS63S4
13	85	102.88	9960	7.0	JRTKAF57DS63S4
15	75	90.26	9990	8.0	
6.8	168	131.87	7930	2.4	JRTK47DS63M6
7.4	155	121.48	7990	2.6	JRTKF47DS63M6
8.6	133	104.37	8070	3.0	JRTKA47DS63M6 JRTKAF47DS63M6
10	110	131.87	8140	3.7	JRTK47DS63S4
11	101	121.48	8170	4.0	JRTKF47DS63S4 JRTKA47DS63S4 JRTKAF47DS63S4
8.5	136	106.38	6230	1.50	JRTK37DS63M6
9.2	125	97.81	6300	1.60	JRTKF37DS63M6
11	107	83.69	6410	1.90	JRTKA37DS63M6
12	92	72.54	6480	2.2	JRTKAF37DS63M6
13	88	106.38	6500	2.3	
14	81	97.81	6530	2.5	
16	70	83.69	6570	2.9	
19	60	72.54	6600	3.3	
20	56	67.80	6610	3.6	
24	49	58.60	6430	4.1	
28	41	49.79	6130	4.8	JRTK37DS63S4
31	37	44.46	5930	5.4	JRTKF37DS63S4
36	32	37.97	5660	6.4	JRTKA37DS63S4
39	30	35.57	5550	6.8	JRTKAF37DS63S4
46	25	29.96	5270	8.0	
48	24	28.83	5210	8.4	
55	21	24.99	4980	9.6	
59	19	23.36	4880	10	
68	17	20.19	4660	11	
80	14	17.15	4430	13	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.12kW</b>					
90	13	15.31	4280	14	JRTK37DS63S4
105	11	13.08	4070	15	JRTKF37DS63S4
114	10	12.14	3970	16	JRTKA37DS63S4 JRTKAF37DS63S4
<b>0.18kW</b>					
0.09	15800	14975	74400	0.80	
0.11	13100	12440	79100	1.00	
0.12	11500	10915	80000	1.15	
0.13	10300	9819	80500	1.25	JRTK127R77DS63M4
0.16	8870	8443	81100	1.45	JRTKF127R77DS63M4
0.18	7880	7482	81500	1.65	JRTKA127R77DS63M4
0.20	6920	6565	81800	1.90	JRTKAF127R77DS63M4
0.23	5890	5804	82100	2.2	
0.26	5210	5027	82300	2.5	
0.30	4490	4423	82400	2.9	
0.34	3910	3889	82500	3.3	
0.40	3250	3311	82600	4.0	
0.16	8780	8328	65000	0.90	
0.18	7660	7270	65000	1.05	
0.21	6410	6184	65000	1.25	
0.23	5690	5662	65000	1.40	JRTK107R77DS63M4
0.26	5160	5138	65000	1.55	JRTKF107R77DS63M4
0.30	4580	4359	65000	1.75	JRTKA107R77DS63M4
0.35	4010	3810	65000	2.0	JRTKAF107R77DS63M4
0.39	3410	3358	65000	2.4	
0.44	3090	2977	65000	2.6	
0.51	2690	2599	65000	3.0	
0.58	2320	2286	65000	3.5	
0.28	5060	4669	39800	0.85	JRTK97R57DS63M4
0.32	4540	4082	40000	0.95	JRTKF97R57DS63M4
0.37	3940	3583	40000	1.10	JRTKA97R57DS63M4
0.42	3450	3108	40000	1.25	JRTKAF97R57DS63M4
0.48	2990	2757	40000	1.45	
0.55	2720	2419	40000	1.60	
0.62	2360	2123	40000	1.80	
0.71	2090	1856	40000	2.1	
0.81	1760	1625	40000	2.4	
0.92	1530	1430	40000	2.8	JRTK97R57DS63M4
1.0	1420	1261	40000	3.0	JRTKF97R57DS63M4
1.2	1240	1102	40000	3.5	JRTKA97R57DS63M4
1.4	1090	957	40000	4.0	JRTKAF97R57DS63M4
1.5	970	855	40000	4.4	
1.8	775	743	40000	5.6	
2.0	690	652	40000	6.2	
0.42	3440	3107	26400	0.80	
0.48	2920	2728	27100	0.90	JRTK87R57DS63M4
0.56	2570	2371	27500	1.05	JRTKF87R57DS63M4
0.63	2350	2088	27700	1.15	JRTKA87R57DS63M4
0.71	2090	1854	28000	1.30	JRTKAF87R57DS63M4
0.80	1870	1657	28200	1.45	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.18kW</b>					
0.93	1590	1415	28400	1.70	
1.1	1380	1229	28600	1.95	JRTK87R57DS63M4
1.2	1200	1078	28700	2.3	JRTKF87R57DS63M4
1.4	1030	951	28800	2.6	JRTKA87R57DS63M4
1.6	890	837	28000	3.0	JRTKAF87R57DS63M4
1.8	775	726	28900	3.5	
0.87	1720	1514	14100	0.90	
0.95	1570	1388	15200	1.00	
1.1	1380	1218	16500	1.10	
1.2	1200	1053	17400	1.30	JRTK77R37DS63M4
1.4	1050	924	18100	1.45	JRTKF77R37DS63M4
1.6	930	815	18600	1.65	JRTKA77R37DS63M4
1.9	760	709	19100	2.0	JRTKAF77R37DS63M4
2.1	670	622	19300	2.3	
2.4	600	552	19500	2.6	
2.7	530	485	19600	2.9	
3.1	465	428	19800	3.3	
3.6	410	367	19800	3.8	
1.5	980	903	5660	0.85	
1.7	930	793	9240	0.90	
1.9	765	697	10800	1.05	
2.2	670	613	11500	1.20	JRTK67R37DS63M4
2.4	590	542	12000	1.40	JRTKF67R37DS63M4
2.8	540	471	12200	1.50	JRTKA67R37DS63M4
3.2	455	420	12600	1.80	JRTKAF67R37DS63M4
3.7	410	361	12800	2.0	
4.1	360	323	12900	2.3	
4.7	305	279	13000	2.7	
2.2	660	615	5580	0.9	
2.4	590	544	7690	1.00	
2.8	535	473	8150	1.10	
3.1	460	421	8620	1.30	
3.6	410	362	8840	1.45	JRTK57R37DS63M4
4.1	360	319	9050	1.65	JRTKF57R37DS63M4
4.7	305	280	9270	1.95	JRTKA57R37DS63M4
5.4	270	246	9400	2.2	JRTKAF57R37DS63M4
6.1	235	215	9510	2.5	
6.9	210	192	9600	2.9	
7.9	182	166	9690	3.3	
3.5	410	375	5600	1.00	
4.0	370	327	6320	1.10	
4.6	325	289	6810	1.20	
5.2	280	256	7240	1.45	JRTK47R37DS63M4
5.9	250	225	7450	1.60	JRTKF47R37DS63M4
6.7	215	198	7680	1.85	JRTKA47R37DS63M4
7.7	188	171	7840	2.1	JRTKAF47R37DS63M4
8.6	168	153	7930	2.4	
10	147	131	8202	2.7	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.18kW</b>					
6.4	235	205	4860	0.85	JRTK37R17DS63M4
7.3	205	181	5590	1.00	JRTKF37R17DS63M4
8.2	180	160	5860	1.10	JRTKA37R17DS63M4
9.7	151	136	6110	1.35	JRTKAF37R17DS63M4
10	145	127	6160	1.40	
6.0	285	144.79	13000	2.9	JRTK67DS63L6
7.0	245	123.54	13000	3.4	JRTKF67DS63L6
8.1	215	108.03	13000	3.8	JRTKA67DS63L6
8.5	205	102.62	13000	4.0	JRTKAF67DS63L6
					JRTK67DS63M4
9.1	189	144.79	13000	4.3	JRTKF67DS63M4
11	161	123.54	13000	5.1	JRTKA67DS63M4
12	141	108.03	13000	5.8	JRTKAF67DS63M4
6.0	285	145.14	9340	2.1	JRTK57 DS63L6
7.0	245	123.85	9480	2.5	JRTKF57 DS63L6
8.0	215	108.29	9590	2.8	JRTKA57 DS63L6
8.5	205	102.88	9620	3.0	JRTKAF57 DS63L6
9.6	178	90.26	9700	3.4	
9.1	189	145.14	9670	3.2	
11	161	123.85	9750	3.7	JRTK57DS63M4
12	141	108.29	9810	4.3	JRTKF57DS63M4
13	134	102.88	9830	4.5	JRTKA57DS63M4
15	118	90.26	9880	5.1	JRTKAF57DS63M4
17	100	76.56	9920	6.0	
6.6	260	131.87	7380	1.55	
7.2	240	121.48	7530	1.65	JRTK47 DS63L6
8.3	205	104.37	7740	1.95	JRTKF47 DS63L6
9.6	180	90.86	7880	2.2	JRTKA47 DS63L6
10	168	85.12	7930	2.4	JRTKAF47 DS63L6
10	172	131.87	7910	2.3	
11	158	121.48	7970	2.5	JRTK47DS63M4
13	136	104.37	8060	2.9	JRTKF47DS63M4
15	118	90.86	8120	3.4	JRTKA47DS63M4
16	111	85.12	8140	3.6	JRTKAF47DS63M4
8.2	210	106.38	5520	0.95	JRTK37DS63L6
8.9	193	97.81	5710	1.05	JRTKF37DS63L6
10	165	83.69	5990	1.20	JRTKA37 DS63L6
12	143	72.54	6170	1.40	JRTKAF37DS63L6
12	139	106.38	6210	1.45	
14	127	97.81	6280	1.55	
16	109	83.69	6400	1.85	
18	95	72.54	6470	2.1	
19	88	67.80	6500	2.3	JRTK37DS63M4
23	76	58.60	6280	2.6	JRTKF37DS63M4
27	65	49.79	6010	3.1	JRTKA37DS63M4
30	58	44.46	5830	3.5	JRTKAF37DS63M4
35	49	37.97	5580	4.1	
37	46	35.57	5480	4.3	
44	39	29.96	5220	5.1	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.18kW</b>					
46	38	28.83	5160	5.3	
53	33	24.99	4950	6.2	
57	30	23.36	4850	6.4	
65	26	20.19	4650	7.0	
77	22	17.15	4430	8.1	JRTK37DS63M4
86	20	15.31	4280	8.8	JRTKF37DS63M4
101	17	13.08	4080	9.7	JRTKA37DS63M4
109	16	12.14	3980	10	JRTKAF37DS63M4
126	14	10.49	3810	12	
148	12	8.91	3620	14	
166	10	7.96	3490	15	
<b>0.25kW</b>					
0.13	15200	9819	75600	0.85	
0.15	13000	8443	79200	1.00	
0.17	11600	7482	79900	1.10	
0.20	10200	6565	80600	1.30	JRTK127R77DS63L4
0.22	8750	5804	81200	1.50	JRTKF127R77DS63L4
0.26	7690	5027	81600	1.70	JRTKA127R77DS63L4
0.29	6670	4423	81900	1.95	JRTKAF127R77DS63L4
0.33	5830	3889	82100	2.2	
0.39	4880	3311	82300	2.6	
0.21	9460	6184	65000	0.85	
0.23	8480	5662	65000	0.95	
0.25	7700	5138	65000	1.05	
0.30	6730	4359	65000	1.20	JRTK107R77DS63L4
0.34	5880	3810	65000	1.35	JRTKF107R77DS63L4
0.39	5060	3358	65000	1.60	JRTKA107R77DS63L4
0.44	4550	2977	65000	1.75	JRTKAF107R77DS63L4
0.50	3980	2599	65000	2.0	
0.57	6450	2286	65000	2.3	
0.67	2920	1939	65000	2.7	
0.76	2680	1713	65000	3.0	JRTK107R77DS63L4
0.84	2430	1554	65000	3.3	JRTKF107R77DS63L4
0.97	2090	1336	65000	3.8	JRTKA107R77DS63L4
0.42	4990	3108	39900	0.85	JRTK97R77DS63L4
0.47	4360	2757	40000	1.00	JRTKF97R77DS63L4
					JRTKA97R77DS63L4
					JRTKAF97R77DS63L4
0.54	3930	2419	40000	1.10	
0.61	3420	2123	40000	1.25	
0.70	3020	1856	40000	1.40	JRTK97R57DS63L4
0.80	2580	1625	40000	1.65	JRTKF97R57DS63L4
0.91	2240	1430	40000	1.90	JRTKA97R57DS63L4
1.0	2050	1261	40000	2.1	JRTKAF97R57DS63L4
1.2	1790	1102	40000	2.4	
1.4	1570	957	40000	2.7	
1.5	1400	855	40000	3.1	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.25kW</b>					
0.62	3390	2088	26300	0.80	
0.70	3010	1854	26900	0.90	
0.78	2700	1657	27300	1.00	
0.92	2300	1415	27800	1.15	JRTK87R57DS63L4
1.1	2000	1229	28100	1.35	JRTKF87R57DS63L4
1.2	1740	1078	28300	1.55	JRTKA87R57DS63L4
1.4	1510	951	28500	1.80	JRTKAF87R57DS63L4
1.5	1310	837	28600	2.1	
1.6	1140	726	28700	2.4	
2.0	1010	638	28800	2.7	
1.2	1730	1053	14000	0.90	
1.4	1520	924	15600	1.00	
1.6	1340	815	16700	1.15	
1.8	1120	709	17800	1.40	
2.1	980	622	18400	1.60	
2.3	880	552	18700	1.75	
2.7	770	485	19100	2.0	JRTK77R37DS63L4
3.0	680	428	19300	2.3	JRTKF77R37DS63L4
3.5	595	367	19500	2.6	JRTKA77R37DS63L4
4.0	525	328	19600	2.9	JRTKAF77R37DS63L4
4.5	470	290	19700	3.3	
5.2	400	252	19900	3.9	
5.9	355	221	19900	4.4	
6.7	310	195	20000	5.0	
7.4	275	175	20000	5.7	
2.1	980	613	5690	0.85	
2.4	860	542	9920	0.95	
2.8	775	471	10700	1.05	JRTK67R37DS63L4
3.1	665	420	11500	1.25	JRTKF67R37DS63L4
3.6	590	361	11900	1.40	JRTKA67R37DS63L4
4.0	525	323	12300	1.55	JRTKAF67R37DS63L4
4.7	445	279	12700	1.85	
5.3	390	246	12800	2.1	
6.0	345	217	13000	2.4	
3.1	670	421	4200	0.90	
3.6	590	362	7690	1.00	
4.1	520	319	8260	1.15	
4.7	445	280	8680	1.35	JRTK57R37DS63L4
5.3	390	246	8920	1.55	JRTKF57R37DS63L4
6.1	345	215	9110	1.75	JRTKA57R37DS63L4
6.8	305	192	9260	1.95	JRTKAF57R37DS63L4
7.8	265	166	9410	2.3	
9.0	230	145	9530	2.6	
10	210	129	9600	2.9	
12	178	111	9700	3.4	
13	156	97	9770	3.8	
4.4	540	154.02	19600	2.9	JRTK77D80N8*
5.0	475	135.28	19700	3.3	JRTKF77D80N8*
5.3	450	128.52	19800	3.4	JRTKA77D80N8*
6.0	400	113.56	19900	3.9	JRTKAF77D80N8*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.25kW</b>					
4.6	520	192.18	19700	2.8	JRTK77DS71S6
4.9	485	179.37	19700	3.0	JRTKF77DS71S6
5.7	420	154.02	19800	3.7	JRTKA77DS71S6
6.5	365	135.28	19900	4.2	JRTKAF77DS71S6
5.5	435	123.54	12700	1.90	JRTK67D80N8*
6.3	380	108.03	12900	2.2	JRTKF67D80N8*
6.6	360	102.62	12900	2.3	JRTKA67D80N8*
7.6	315	90.04	13000	2.6	JRTKAF67D80N8*
6.1	395	144.79	12800	2.1	JRTK67DS71S6
7.1	335	123.54	13000	2.5	JRTKF67DS71S6
8.1	295	108.03	13000	2.8	JRTKA67DS71S6
8.6	280	102.62	13000	3.0	JRTKAF67DS71S6
9.0	265	144.79	13000	3.1	JRTK67DS63L4
11	225	123.54	13000	3.6	JRTKF67DS63L4
12	198	108.03	13000	4.1	JRTKA67DS63L4
13	189	102.62	13000	4.3	JRTKAF67DS63L4
6.1	395	145.14	8910	1.50	
7.1	335	123.85	9150	1.80	JRTK57DS71S6
8.1	295	108.29	9310	2.0	JRTKF57DS71S6
8.6	280	102.88	9360	2.2	JRTKA57DS71S6
9.8	245	90.26	9480	2.5	JRTKAF57DS71S6
11	210	76.56	9610	2.9	
9.0	265	145.14	9410	2.2	
11	225	123.85	9540	2.6	JRTK57DS63L4
12	199	108.29	9640	3.0	JRTKF57DS63L4
13	189	102.88	9670	3.2	JRTKA57DS63L4
14	166	90.26	9740	3.6	JRTKAF57DS63L4
17	141	76.56	9810	4.3	
6.7	360	131.87	6470	1.10	
7.2	330	121.48	6780	1.20	JRTK47DS71S6
8.4	285	104.73	7210	1.40	JRTKF47DS71S6
9.7	245	90.86	7480	1.60	JRTKA47DS71S6
10	230	85.12	7590	1.75	JRTKAF47DS71S6
9.9	240	131.87	7510	1.65	
11	225	121.48	7640	1.80	JRTK47DS63L4
12	192	104.37	7820	2.1	JRTKF47DS63L4
14	167	90.86	7930	2.4	JRTKA47DS63L4
15	156	85.12	7980	2.6	JRTKAF47DS63L4
11	225	83.69	5300	0.90	
12	197	72.54	5680	1.00	JRTK37DS71S6
13	184	67.80	5810	1.10	JRTKF37DS71S6
15	159	58.60	6050	1.25	JRTKA37DS71S6
18	135	49.79	6230	1.50	JRTKAF37DS71S6
12	195	106.38	5690	1.00	
13	180	97.81	5860	1.10	JRTK37DS63L4
16	154	83.69	6090	1.30	JRTKF37DS63L4
18	133	72.54	6250	1.50	JRTKA37DS63L4
19	125	67.80	6230	1.60	JRTKAF37DS63L4
22	108	58.60	6030	1.85	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.25kW</b>					
26	91	49.79	5810	2.2	
29	82	44.46	5650	2.5	
34	70	37.97	5430	2.9	
37	65	35.57	5340	3.1	
43	55	29.96	5100	3.6	
45	53	28.83	5050	3.8	
52	46	24.99	4860	4.4	JRTK37DS63L4
56	43	23.36	4770	4.6	JRTKF37DS63L4
64	37	20.19	4580	5.0	JRTKA37DS63L4
76	32	17.15	4370	5.7	JRTKAF37DS63L4
85	28	15.31	4230	6.2	
99	24	13.08	4030	6.9	
107	22	12.14	3940	7.2	
124	19	10.49	3780	8.3	
146	16	8.91	3590	9.8	
163	15	7.96	3470	11	
191	13	6.80	3310	12	
204	12	6.37	3240	12	
<b>0.37kW</b>					
0.18	16600	7482	72700	0.80	
0.21	14500	6565	76900	0.90	JRTK127R77DS71S4*
0.24	12600	5804	79400	1.05	JRTKF127R77DS71S4*
0.27	11000	5027	80200	1.20	JRTKA127R77DS71S4*
0.31	9610	4423	80800	1.35	JRTKAF127R77DS71S4*
0.35	8420	3889	81300	1.55	
0.42	7080	3311	81800	1.85	
0.72	4280	1926	82400	3.1	JRTK127R77DS71S4*
0.79	3900	1757	82500	3.4	JRTKF127R77DS71S4*
0.90	3390	1541	82600	3.9	JRTKA127R77DS71S4*
					JRTKAF127R77DS71S4*
0.36	8420	3810	65000	0.95	
0.41	7300	3358	65000	1.10	JRTK107R77DS71S4*
0.46	6540	2977	65000	1.2	JRTKF107R77DS71S4*
0.53	5710	2599	65000	1.40	JRTKA107R77DS71S4*
0.60	4970	2286	65000	1.60	JRTKAF107R77DS71S4*
0.71	4210	1939	65000	1.90	
0.81	3830	1713	65000	2.1	JRTK107R57DS71S4*
0.89	3480	1554	65000	2.3	JRTKF107R57DS71S4*
1.0	2990	1336	65000	2.7	JRTKA107R57DS71S4*
1.2	2610	1166	65000	3.1	JRTKAF107R57DS71S4*
0.65	4860	2123	40000	0.90	
0.74	4270	1856	40000	1.00	
0.85	3670	1625	40000	1.15	JRTK97R57DS71S4*
0.96	3200	1430	40000	1.35	JRTKF97R57DS71S4*
1.1	2900	1261	40000	1.50	JRTKA97R57DS71S4*
1.2	2540	1102	40000	1.70	JRTKAF97R57DS71S4*
1.4	2220	957	40000	1.95	
1.6	1990	855	40000	2.2	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>0.37kW</b>					
1.9	1640	743	40000	2.6	JRTK97R57DS71S4*
2.1	1450	652	40000	3.0	JRTKF97R57DS71S4*
2.4	1310	573	40000	3.3	JRTKA97R57DS71S4*
2.4	1310	573	40000	3.3	JRTKAF97R57DS71S4*
0.97	3250	1415	26500	0.85	
1.1	2820	1229	27100	0.95	
1.3	2470	1078	27600	1.10	
1.5	2150	951	27900	1.25	
1.6	1880	837	28200	1.45	JRTK87R57DS71S4*
1.9	1630	726	28400	1.65	JRTKF87R57DS71S4*
2.2	1440	638	28500	1.85	JRTKA87R57DS71S4*
2.5	1260	562	28600	2.2	JRTKAF87R57DS71S4*
2.6	1060	474	28800	2.6	
3.2	950	426	28800	2.8	
3.7	830	373	28900	3.2	
1.7	1890	815	7450	0.8	
2.0	1590	709	15100	0.95	
2.2	1400	622	16400	1.10	
2.5	1250	552	17200	1.25	
2.8	1100	485	17900	1.4	
3.2	970	428	18400	1.60	JRTK77R37DS71S4*
3.8	840	367	18900	1.85	JRTKF77R37DS71S4*
4.2	750	328	19100	2.1	JRTKA77R37DS71S4*
4.8	665	290	19400	2.3	JRTKAF77R37DS71S4*
5.5	570	252	19600	2.7	
6.2	500	221	19700	3.1	
7.1	445	195	19800	3.5	
7.9	390	175	19900	4.0	
9.0	345	154	19900	4.5	
3.3	950	420	8130	0.85	
3.8	840	361	10200	1.00	
4.3	745	323	10900	1.1	
4.9	630	279	11700	1.30	
5.6	555	246	12100	1.50	JRTK67R37DS71S4*
6.3	495	217	12400	1.65	JRTKF67R37DS71S4*
7.2	435	191	12700	1.90	JRTKA67R37DS71S4*
8.3	375	166	12900	2.2	JRTKAF67R37DS71S4*
9.6	330	144	13000	2.5	
11	280	122	13000	2.9	
4.9	635	280	7350	0.95	
5.6	555	246	7980	1.10	
6.4	490	215	8460	1.2	
7.2	435	192	8720	1.40	JRTK57R37DS71S4 *
8.3	380	166	8980	1.60	JRTKF57R37DS71S4 *
9.6	330	145	9170	1.85	JRTKA57R37DS71S4 *
11	300	129	9290	2.0	JRTKAF57R37DS71S4 *
12	255	111	9460	2.4	
14	225	97	9560	2.7	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>0.37kW</b>					
3.9	910	174.19	28800	3.0	JRTK87D90S8 *
4.1	850	164.34	28900	3.2	JRTKF87D90S8 *
4.6	765	147.32	28900	3.5	JRTKA87D90S8 *
4.6	765	147.32	28900	3.5	JRTKAF87D90S8 *
4.6	775	197.37	28900	3.5	JRTK87DS71M6*
5.2	685	174.19	28900	4.0	JRTKF87DS71M6*
5.2	685	174.19	28900	4.0	JRTKA87DS71M6*
5.2	685	174.19	28900	4.0	JRTKAF87DS71M6*
5.0	705	135.28	19300	2.2	JRTK77D90S8 *
5.3	670	128.52	19300	2.3	JRTKF77D90S8 *
6.0	590	113.56	19500	2.6	JRTKA77D90S8 *
7.0	505	97.05	19700	3.1	JRTKAF77D90S8 *
5.8	605	154.02	19500	2.6	JRTK77DS71M6*
6.7	530	135.28	19600	2.9	JRTKF77DS71M6*
7.0	505	128.52	19700	3.1	JRTKA77DS71M6*
7.9	445	113.56	19800	3.5	JRTKAF77DS71M6*
7.2	490	192.18	19700	3.0	JRTK77DS71S4*
7.7	460	179.37	19800	3.2	JRTKF77DS71S4*
9.0	395	154.02	19900	3.9	JRTKA77DS71S4*
9.0	395	154.02	19900	3.9	JRTKAF77DS71S4*
6.3	580	108.03	12100	1.45	JRTK67D90S8 *
6.6	535	102.62	12300	1.55	JRTKF67D90S8 *
7.6	470	90.04	12600	1.75	JRTKA67D90S8 *
7.6	470	90.04	12600	1.75	JRTKAF67D90S8 *
7.3	485	123.54	12500	1.70	JRTK67DS71M6*
8.3	425	108.03	12700	1.95	JRTKF67DS71M6*
8.8	405	102.62	12800	2.0	JRTKA67DS71M6*
10	355	90.04	13000	2.3	JRTKAF67DS71M6*
9.5	370	144.79	12900	2.2	JRTK67DS71S4*
11	315	123.54	13000	2.6	JRTKF67DS71S4*
13	275	108.03	13000	3.0	JRTKA67DS71S4*
15	230	90.04	13000	3.6	JRTKAF67DS71S4*
18	196	76.37	13000	4.2	JRTKAF67DS71S4*
7.3	485	123.85	8490	1.25	
8.3	425	108.29	8770	1.40	
8.8	405	102.88	8870	1.50	JRTK57DS71M6*
10	355	90.26	9070	1.70	JRTKF57DS71M6*
12	300	76.56	9280	2.0	JRTKA57DS71M6*
13	270	69.12	9390	2.2	JRTKAF57DS71M6*
9.5	370	145.14	9000	1.60	
11	315	123.85	9220	1.90	
13	275	108.29	9370	2.2	JRTK57DS71S4 *
13	265	102.88	9420	2.3	JRTKF57DS71S4*
15	230	90.26	9530	2.6	JRTKA57DS71S4*
18	196	76.56	9650	3.1	JRTKAF57DS71S4*
20	177	69.12	9700	3.4	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.37kW</b>					
8.6	410	104.37	5490	1.00	JRTK47DS71M6*
9.9	355	90.86	6480	1.10	JRTKF47DS71M6*
11	335	85.12	6730	1.20	JRTKA47DS71M6*
12	295	75.20	7100	1.35	JRTKAF47DS71M6*
10	340	131.87	6690	1.20	JRTK47DS71S4*
11	310	121.48	6960	1.30	JRTKF47DS71S4*
13	265	104.37	7330	1.50	JRTKA47DS71S4*
					JRTKAF47DS71S4*
15	235	90.86	7580	1.70	JRTK47DS71S4*
16	220	85.12	7670	1.85	JRTKF47DS71S4*
18	193	75.20	7810	2.1	JRTKA47DS71S4*
20	179	69.84	7880	2.2	JRTKAF47DS71S4*
22	162	63.30	7960	2.5	
14	250	97.81	2520	0.80	
16	215	83.69	5470	0.95	
19	186	72.54	5690	1.10	
20	174	67.80	5630	1.15	
24	150	58.60	5510	1.35	
28	128	49.79	5350	1.55	
31	114	44.46	5230	1.75	
36	97	37.97	5060	2.1	
39	91	35.57	4990	2.2	
46	77	29.96	4800	2.6	
48	74	28.83	4750	2.7	
55	64	24.99	4590	3.1	JRTK37DS71S4*
59	60	23.36	4510	3.3	JRTKF37DS71S4*
68	52	20.19	4350	3.6	JRTKA37DS71S4*
80	44	17.15	4160	4.1	JRTKAF37DS71S4*
90	39	15.31	4040	4.5	
105	34	13.08	3860	4.9	
114	31	12.14	3780	5.1	
132	27	10.49	3630	6.0	
155	23	8.91	3460	7.0	
173	20	7.96	3350	7.6	
203	17	6.80	3190	8.6	
217	16	6.37	3130	8.9	
257	14	5.36	2970	10	
<b>0.55kW</b>					
0.08	55000	16978	190000	0.90	JRTK187R97DS71M4*
0.10	46200	14272	190000	1.10	JRTKF187R97DS71M4*
1.10	42000	13116	190000	1.20	JRTKA187R97DS71M4*
0.12	36700	11647	190000	1.35	JRTKAF187R97DS71M4*
0.19	23800	7343	190000	2.1	
0.12	37500	11573	150000	0.85	
0.13	33300	10264	150000	0.95	JRTK167R97DS71M4*
0.16	27900	8628	150000	1.15	JRTKF167R97DS71M4*
0.21	21200	6562	150000	1.50	JRTKA167R97DS71M4*
0.25	16900	5355	150000	1.9	JRTKAF167R97DS71M4*
0.33	13100	4079	150000	2.5	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.55kW</b>					
0.20	22300	6881	109700	0.80	JRTK157R97DS71S4*
0.23	19200	5931	111600	0.95	JRTKF157R97DS71S4*
0.34	12900	3979	114400	1.40	JRTKA157R97DS71S4*
0.45	9880	3051	115300	1.80	JRTKAF157R97DS71S4*
0.31	14900	4423	76100	0.85	
0.35	13100	3889	79100	1.00	JRTK127R77DS71S4*
0.41	11100	3311	80200	1.20	JRTKF127R77DS71S4*
0.45	10000	3009	80700	1.30	JRTKA127R77DS71S4*
0.52	8590	2607	81200	1.50	JRTKAF127R77DS71S4*
0.71	6620	1926	81900	1.95	
0.77	6040	1757	82100	2.2	JRTK127R77DS71S4*
0.88	5270	1541	82200	2.5	JRTKF127R77DS71S4*
1.0	4610	1342	82400	2.8	JRTKA127R77DS71S4*
1.2	4020	1177	82500	3.2	JRTKAF127R77DS71S4*
1.3	3520	1025	82600	3.7	
0.46	10100	2977	65000	0.80	JRTK107R77DS71M4*
0.52	8830	2599	65000	0.90	JRTKF107R77DS71M4*
0.59	7720	2286	65000	1.05	JRTKA107R77DS71M4*
0.70	6540	1939	65000	1.25	JRTKAF107R77DS71M4*
0.79	5920	1713	65000	1.35	
0.87	5370	1554	65000	1.50	
1.0	4610	1336	65000	1.75	
1.2	4030	1166	65000	2.0	JRTK107R77DS71M4*
1.3	3460	1030	65000	2.3	JRTKF107R77DS71M4*
1.5	3010	904	65000	2.7	JRTKA107R77DS71M4*
1.7	2730	793	65000	2.9	JRTKAF107R77DS71M4*
2.0	2380	696	65000	3.4	
2.2	2050	615	65000	3.9	
0.95	4940	1430	40000	0.85	
1.1	4440	1261	40000	0.95	
1.2	3870	1102	40000	1.1	
1.4	3400	957	40000	1.25	
1.6	3040	855	40000	1.4	JRTK97R57DS71M4*
1.8	2550	743	40000	1.7	JRTKF97R57DS71M4*
2.1	2250	652	40000	1.9	JRTKA97R57DS71M4*
2.4	2020	573	40000	2.1	JRTKAF97R57DS71M4*
2.7	1720	504	40000	2.5	
3.1	1480	437	40000	2.9	
3.6	1320	382	40000	3.3	
4.5	1070	305	40000	4.0	
1.4	3300	951	26400	0.8	
1.6	2890	837	27000	0.95	
1.9	2510	726	27500	1.10	JRTK87R57DS71M4*
2.1	2220	638	27800	1.2	JRTKF87R57DS71M4*
2.4	1940	562	28100	1.40	JRTKA87R57DS71M4*
2.9	1640	474	28400	1.65	JRTKAF87R57DS71M4*
3.2	1470	426	28500	1.85	
3.6	1290	373	28600	2.1	
4.1	1130	330	28700	2.4	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.55kW</b>					
4.6	1010	294	28800	2.7	JRTK87R57DS71M4*
5.4	870	250	28800	3.1	JRTKF87R57DS71M4*
5.8	820	236	28900	3.3	JRTKA87R57DS71M4*
6.8	695	201	28900	3.9	JRTKAF87R57DS71M4*
2.5	1900	552	5780	0.8	
2.8	1690	485	14300	0.90	
3.2	1490	428	15800	1.05	
3.7	1290	367	17000	1.20	
4.2	1150	328	17700	1.35	JRTK77R37DS71M4*
4.7	1020	290	18200	1.50	JRTKF77R37DS71M4*
5.4	880	252	18700	1.75	JRTKA77R37DS71M4*
6.2	770	221	19100	2.0	JRTKAF77R37DS71M4*
7.0	680	195	19300	2.3	
7.8	605	175	19500	2.6	
8.8	535	154	19600	2.9	
4.9	970	279	6400	0.85	
5.5	850	246	9990	0.95	JRTK67R37DS71M4*
6.2	760	217	10800	1.10	JRTKF67R37DS71M4*
7.1	670	191	11500	1.25	JRTKA67R37DS71M4*
8.2	575	166	12000	1.40	JRTKAF67R37DS71M4*
9.4	505	144	12400	1.60	
11	430	122	12700	1.90	
7.1	670	192	4080	0.90	
8.2	580	166	7800	1.05	JRTK57R37DS71M4*
9.4	510	145	8360	1.20	JRTKF57R37DS71M4*
11	455	129	8630	1.30	JRTKA57R37DS71M4*
12	390	111	8930	1.55	JRTKAF57R37DS71M4*
14	340	97	9120	1.75	
3.9	1350	174.19	28600	2.0	JRTK87D90L8 *
4.1	1270	164.34	28600	2.1	JRTKF87D90L8 *
4.6	1140	147.32	28700	2.4	JRTKA87D90L8 *
					JRTKAF87D90L8 *
4.6	1150	197.37	28700	2.3	JRTK87DS80S6*
5.2	1020	174.19	28800	2.7	JRTKF87DS80S6*
5.5	960	164.34	28800	2.8	JRTKA87DS80S6*
6.1	860	147.32	28900	3.1	JRTKAF87DS80S6*
5.0	1040	135.28	18100	1.50	JRTK77D90L8 *
5.3	990	128.52	18300	1.55	JRTKF77D90L8 *
6.0	880	113.56	18700	1.75	JRTKA77D90L8 *
7.0	750	97.05	19100	2.1	JRTKAF77D90L8
5.8	900	154.02	18700	1.70	JRTK77DS80S6*
6.7	790	135.28	19000	1.95	JRTKF77DS80S6*
7.0	750	128.52	19100	2.1	JRTKA77DS80S6*
7.9	665	113.56	19400	2.3	JRTKAF77DS80S6*
8.8	595	154.02	19500	2.6	
10	520	135.28	19700	3.0	JRTK77DS71M4*
11	495	128.52	19700	3.1	JRTKF77DS71M4*
12	440	113.56	19800	3.5	JRTKA77DS71M4*
14	375	97.05	19900	4.1	JRTKAF77DS71M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.55kW</b>					
7.3	720	123.54	11100	1.15	
8.3	630	108.03	11700	1.30	JRTK67DS80S6*
8.8	600	102.62	11900	1.35	JRTKF67DS80S6*
10	525	90.04	12300	1.55	JRTKA67DS80S6*
12	445	76.37	12600	1.85	JRTKAF67DS80S6*
11	475	123.54	12500	1.70	JRTK67DS71M4*
13	415	108.03	12800	1.95	JRTKF67DS71M4*
15	350	90.04	13000	2.4	JRTKA67DS71M4*
18	295	76.37	13000	2.8	JRTKAF67DS71M4*
8.3	630	108.29	7360	0.95	
8.8	600	102.88	7630	1.00	JRTK57DS80S6*
10	525	90.26	8220	1.15	JRTKF57DS80S6*
12	445	76.56	8670	1.35	JRTKA57DS80S6*
13	405	69.12	8870	1.50	JRTKAF57DS80S6*
15	355	60.81	9070	1.70	
16	335	57.42	9150	1.80	
11	480	123.85	8520	1.25	
13	420	108.29	8800	1.45	
13	395	102.88	8890	1.50	JRTK57DS71M4*
15	350	90.26	9100	1.70	JRTKF57DS71M4*
18	295	76.56	9300	2.0	JRTKA57DS71M4*
20	265	69.12	9410	2.3	JRTKAF57DS71M4*
22	235	60.81	9520	2.6	
24	220	57.42	9560	2.7	
13	405	104.37	5880	1.00	JRTK47DS71M4*
15	350	90.86	6550	1.15	JRTKF47DS71M4*
16	330	85.12	6790	1.20	JRTKA47DS71M4*
18	290	75.20	7150	1.40	JRTKAF47DS71M4*
19	270	69.84	7310	1.50	
21	245	63.30	7500	1.65	JRTK47DS71M4*
24	220	56.83	7660	1.80	JRTKF47DS71M4*
28	189	48.95	7830	2.1	JRTKA47DS71M4*
30	178	46.03	7880	2.2	JRTKAF47DS71M4*
23	225	58.60	4850	0.90	
27	192	49.79	4790	1.05	
31	172	44.46	4740	1.15	
36	147	37.97	4640	1.35	
38	137	35.57	4600	1.45	
45	116	29.96	4470	1.75	
47	111	28.83	4440	1.80	
54	97	24.99	4320	2.1	
58	90	23.36	4260	2.2	JRTK37DS71M4*
67	78	20.19	4130	2.4	JRTKF37DS71M4*
79	66	17.15	3980	2.7	JRTKA37DS71M4*
89	59	15.31	3880	3.0	JRTKAF37DS71M4*
104	51	13.08	3730	3.3	
112	47	12.14	3660	3.4	
130	41	10.49	3520	4.0	
153	34	8.91	3370	4.7	
171	31	7.96	3270	5.1	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.55kW</b>					
200	26	6.80	3130	5.7	JRTK37DS71M4*
214	25	6.37	3070	5.9	JRTKF37DS71M4*
254	21	5.36	2920	6.8	JRTKA37DS71M4*
342	15	3.98	2680	8.1	JRTKAF37DS71M4*
<b>0.75kW</b>					
0.11	58000	13116	190000	0.85	
0.12	50900	11647	190000	1	JRTK187R97DS80S4*
0.19	32700	7343	190000	1.55	JRTKH187R97DS80S4*
0.20	29900	6747	190000	1.65	
0.23	26200	5991	190000	1.90	
0.16	38500	8628	150000	0.85	
0.21	29300	6562	150000	1.10	
0.26	23400	5355	150000	1.35	JRTK167R97DS80S4*
0.34	18100	4079	150000	1.75	JRTKH167R97DS80S4*
0.41	15100	3376	150000	2.1	
					JRTK157R97DS80S4*
0.35	17700	3979	112300	1.00	JRTKF157R97DS80S4*
0.45	13600	3051	114100	1.30	JRTKA157R97DS80S4*
					JRTKAF157R97DS80S4*
					JRTK157R97DS80S4*
0.83	7490	1659	115900	2.4	JRTKF157R97DS80S4*
1.0	6040	1365	116200	3.0	JRTKA157R97DS80S4*
					JRTKAF157R97DS80S4*
0.42	15100	3311	75700	0.85	JRTK127R77DS80S4*
0.46	13700	3009	78600	0.95	JRTKF127R77DS80S4*
0.53	11800	2607	79800	1.10	JRTKA127R77DS80S4*
					JRTKAF127R77DS80S4*
0.72	9010	1926	81100	1.45	
0.79	8220	1757	81400	1.60	JRTK127R77DS80S4*
0.90	7180	1541	81700	1.8	JRTKF127R77DS80S4*
1.0	6280	1342	82000	2.1	JRTKA127R77DS80S4*
1.2	5480	1177	82200	2.4	JRTKAF127R77DS80S4*
1.4	4790	1025	82300	2.7	
1.5	4190	899	82500	3.1	
0.81	8040	1713	65000	1.00	
0.89	7300	1554	65000	1.10	
1.0	6270	1336	65000	1.30	JRTK107R77DS80S4*
1.2	5470	1166	65000	1.45	JRTKF107R77DS80S4*
1.3	4740	1030	65000	1.70	JRTKA107R77DS80S4*
1.5	4130	904	65000	1.95	JRTKAF107R77DS80S4*
1.7	3710	793	65000	2.2	
2.0	3240	696	65000	2.5	
2.2	2810	615	65000	2.8	
1.2	5240	1102	39600	0.8	
1.4	4600	957	40000	0.95	JRTK97R57DS80S4*
1.6	4110	855	40000	1.05	JRTKF97R57DS80S4*
1.9	3470	743	40000	1.25	JRTKA97R57DS80S4*
2.1	3050	652	40000	1.40	JRTKAF97R57DS80S4*
2.4	2740	573	40000	1.55	
2.7	2350	504	40000	1.85	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.75kW</b>					
3.2	2010	437	40000	2.1	
3.6	1770	382	40000	2.4	JRTK97R57DS80S4*
4.5	1420	305	40000	3.0	JRTKF97R57DS80S4*
5.4	1190	258	40000	3.5	JRTKA97R57DS80S4*
5.9	1080	232	40000	3.9	JRTKAF97R57DS80S4
6.9	920	199	40000	4.6	
1.9	3370	726	26300	0.80	
2.2	2970	638	26900	0.90	
2.5	2610	562	27400	1	
2.9	2200	474	27900	1.2	JRTK87R57DS80S4*
3.2	1980	426	28100	1.35	JRTKF87R57DS80S4*
3.7	1720	373	28300	1.55	JRTKA87R57DS80S4*
4.2	1520	330	28500	1.75	JRTKAF87R57DS80S4
4.7	1350	294	28600	1.95	
5.5	1160	250	28700	2.3	
5.8	1100	236	28700	2.4	
6.9	930	201	28800	2.9	
3.8	1740	367	13900	0.90	JRTK77R37DS80S4*
4.2	1550	328	15400	1.00	JRTKF77R37DS80S4*
4.8	1380	290	16500	1.15	JRTKA77R37DS80S4*
5.5	1190	252	17500	1.30	JRTKAF77R37DS80S4
6.2	1040	221	18100	1.50	
3.9	1830	176.05	40000	2.3	JRTK97D100M8 *
4.5	1590	153.21	40000	2.7	JRTKF97D100M8 *
4.9	1460	140.28	40000	3.0	JRTKA97D100M8 *
					JRTKAF97D100M8 *
4.7	1530	147.32	28500	1.75	JRTK87D100M8 *
5.4	1320	126.91	28600	2.1	JRTKF87D100M8 *
6.0	1200	115.82	28700	2.3	JRTKA87D100M8 *
6.7	1070	102.71	28700	2.5	JRTKAF87D100M8 *
5.2	1390	174.19	28600	1.95	JRTK87DS80M6*
5.5	1310	164.34	28600	2.1	JRTKF87DS80M6*
6.1	1170	147.32	28700	2.3	JRTKA87DS80M6*
7.1	1010	126.91	28800	2.7	JRTKAF87DS80M6*
7.0	1020	197.37	28800	2.6	JRTK87DS80S4*
7.9	900	174.19	28800	3.0	JRTKF87DS80S4*
8.4	850	164.34	28900	3.2	JRTKA87DS80S4*
9.4	765	147.32	28900	3.5	JRTKAF87DS80S4*
6.7	1080	135.28	18000	1.45	JRTK77DS80M6*
7.0	1020	128.52	18200	1.50	JRTKF77DS80M6*
7.9	900	113.56	18700	1.70	JRTKA77DS80M6*
9.3	770	97.05	19100	2.0	JRTKAF77DS80M6*
10	710	88.97	19200	2.2	
9.0	800	154.02	19000	1.95	JRTK77DS80S4*
10	700	135.28	19300	2.2	JRTKF77DS80S4*
11	665	128.52	19300	2.3	JRTKA77DS80S4*
12	590	113.56	19500	2.6	JRTKAF77DS80S4*
14	505	97.05	19700	3.1	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>0.75kW</b>					
11	640	123.54	11700	1.30	JRTK67DS80S4*
13	560	108.03	12100	1.45	JRTKF67DS80S4*
15	465	90.04	12600	1.75	JRTKA67DS80S4*
					JRTKAF67DS80S4*
18	395	76.37	12800	2.1	JRTK67DS80S4*
20	360	68.95	13000	2.3	JRTKF67DS80S4*
23	315	60.66	13000	2.6	JRTKA67DS80S4*
24	295	57.28	13000	2.8	JRTKAF67DS80S4*
11	645	123.85	7130	0.95	
13	560	108.29	7940	1.05	
13	535	102.88	8160	1.10	
15	470	90.26	8570	1.30	JRTK57DS80S4*
18	395	76.56	8890	1.50	JRTKF57DS80S4*
20	360	69.12	9060	1.65	JRTKA57DS80S4*
23	315	60.81	9230	1.90	JRTKAF57DS80S4*
24	300	57.42	9290	2.0	
28	255	48.89	9450	2.4	
31	230	44.43	9530	2.6	
18	390	75.20	6060	1.00	JRTK47DS80S4*
20	365	69.84	6410	1.10	JRTKF47DS80S4*
22	330	63.30	6790	1.20	JRTKA47DS80S4*
					JRTKAF47DS80S4*
24	295	56.83	7110	1.35	
28	255	48.95	7430	1.55	JRTK47DS80S4*
30	240	46.03	7540	1.65	JRTKF47DS80S4*
35	205	39.61	7740	1.95	JRTKA47DS80S4*
39	184	35.39	7760	2.2	JRTKAF47DS80S4*
44	162	31.30	7550	2.5	
31	230	44.46	4170	0.85	
36	197	37.97	4150	1.00	
39	185	35.57	4140	1.10	
46	156	29.96	4080	1.30	
48	150	28.83	4060	1.35	
55	130	24.99	3990	1.55	
59	121	23.36	3950	1.60	JRTK37DS80S4*
68	105	20.19	3860	1.75	JRTKF37DS80S4*
80	89	17.15	3750	2.0	JRTKA37DS80S4*
90	80	15.31	3670	2.2	JRTKAF37DS80S4*
105	68	13.08	3550	2.4	
114	63	12.14	3500	2.5	
132	54	10.49	3380	2.9	
155	46	8.91	3250	3.5	
173	41	7.96	3160	3.8	
203	35	6.80	3030	4.3	
217	33	6.37	2980	4.4	
257	28	5.36	2840	5.0	
347	21	3.98	2620	6.0	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.1kW</b>					
0.15	59700	9363	190000	0.85	
0.17	51100	8126	190000	1.00	
0.19	48400	7343	190000	1.05	
0.21	44200	6747	190000	1.15	JRTK187R97DS80M4*
0.23	39000	5991	190000	1.30	JRTKH187R97DS80M4*
0.26	34500	5358	190000	1.45	
0.29	30700	4817	190000	1.65	
0.32	27900	4370	190000	1.8	
0.26	34800	5355	150000	0.90	
0.29	30800	4788	150000	1.05	JRTK167R97DS80M4*
0.34	26700	4079	150000	1.20	JRTKH167R97DS80M4*
0.41	22300	3376	150000	1.45	
0.51	17900	2755	150000	1.80	
0.64	14600	2182	150000	2.2	
0.82	11300	1704	150000	2.8	JRTK167R97DS80M4*
0.99	9390	1408	150000	3.4	JRTKH167R97DS80M4*
1.1	8600	1296	150000	3.7	
0.40	22700	3516	109500	0.80	JRTK157R97DS80M4*
0.46	20100	3051	111100	0.90	JRTKF157R97DS80M4*
0.54	16700	2610	112800	1.1	JRTKA157R97DS80M4*
0.60	14800	2322	113600	1.20	JRTKAF157R97DS80M4*
0.84	11100	1659	115000	1.65	
1.0	8980	1365	115600	2.0	JRTK157R97DS80M4*
1.1	8010	1229	115800	2.3	JRTKF157R97DS80M4*
1.3	7130	1093	116000	2.5	JRTKA157R97DS80M4*
1.5	6150	942	116100	2.9	JRTKAF157R97DS80M4*
1.6	5510	854	116200	3.3	
0.73	13200	1926	79100	1.00	
0.80	12000	1757	79700	1.10	
0.91	10500	1541	80500	1.25	
1.0	9170	1342	81000	1.4	
1.2	8020	1177	81400	1.6	JRTK127R77DS80M4*
1.4	7010	1025	81800	1.85	JRTKF127R77DS80M4*
1.6	6130	899	82000	2.1	JRTKA127R77DS80M4*
1.8	5280	790	82200	2.5	JRTKAF127R77DS80M4*
2.0	4780	704	82300	2.7	
2.3	4110	610	82500	3.2	
2.5	3710	549	82500	3.5	
2.9	3190	477	82600	4.1	
1.2	7990	1166	65000	1.00	
1.4	6960	1030	65000	1.15	
1.5	6080	904	65000	1.30	
1.8	5420	793	65000	1.50	JRTK107R77DS80M4*
2.0	4740	696	65000	1.70	JRTKF107R77DS80M4*
2.3	4140	615	65000	1.95	JRTKA107R77DS80M4*
2.7	3510	522	65000	2.3	JRTKAF107R77DS80M4*
3.0	3090	461	65000	2.6	
3.4	2720	408	65000	2.9	
3.8	2470	364	65000	3.2	
4.4	2160	318	65000	3.7	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.1kW</b>					
1.9	5070	743	39900	0.85	
2.2	4460	652	40000	0.95	JRTK97R57DS80M4*
2.4	3990	573	40000	1.10	JRTKF97R57DS80M4*
2.8	3430	504	40000	1.25	JRTKA97R57DS80M4*
3.2	2970	437	40000	1.45	JRTKAF97R57DS80M4*
3.7	2620	382	40000	1.65	
4.1	2320	342	40000	1.85	
3.0	3250	474	26500	0.85	
3.3	2920	426	27000	0.90	
3.8	2570	373	27400	1.05	JRTK87R57DS80M4*
4.2	2250	330	27800	1.20	JRTKF87R57DS80M4*
4.8	2010	294	28000	1.35	JRTKA87R57DS80M4*
5.6	1730	250	28300	1.55	JRTKAF87R57DS80M4*
5.9	1630	236	28400	1.65	
7.0	1390	201	28600	1.95	
3.9	2720	176.05	40000	1.55	JRTK97D100L8 *
4.4	2370	153.21	40000	1.80	JRTKF97D100L8 *
4.8	2170	140.28	40000	1.95	JRTKA97D100L8 *
5.5	1910	123.93	40000	2.2	JRTKAF97D100L8 *
5.2	2010	176.05	40000	2.1	JRTK97D90L6 *
6.0	1750	153.21	40000	2.5	JRTKF97D90L6 *
6.6	1600	140.28	40000	2.7	JRTKA97D90L6 *
7.4	1420	123.93	40000	3.0	JRTKAF97D90L6 *
7.9	1320	176.05	40000	3.3	JRTK97DS80M4*
9.1	1150	153.21	40000	3.7	JRTKF97DS80M4*
10	1050	140.28	40000	4.1	JRTKA97DS80M4*
					JRTKAF97DS80M4*
5.3	1990	174.19	28100	1.35	JRTK87DS90L6*
5.6	1880	164.34	28200	1.45	JRTKF87DS90L6*
6.2	1680	147.32	28300	1.60	JRTKA87DS90L6*
7.2	1450	126.91	28500	1.85	JRTKAF87DS90L6*
8.0	1310	174.19	28600	2.1	JRTK87DS80M4*
8.5	1230	164.34	28700	2.2	JRTKF87DS80M4*
9.5	1110	147.32	28700	2.4	JRTKA87DS80M4*
11	950	126.91	28800	2.8	JRTKAF87DS80M4*
12	870	115.82	28800	3.1	
6.8	1540	135.28	15400	1.00	JRTK77DS90L6*
7.2	1470	128.52	15900	1.05	JRTKF77DS90L6*
8.1	1300	113.56	17000	1.20	JRTKA77DS90L6*
9.5	1110	97.05	17900	1.40	JRTKAF77DS90L6*
10	1020	135.28	18300	1.55	JRTK77DS80M4*
11	960	128.52	18400	1.60	JRTKF77DS80M4*
12	850	113.56	18800	1.80	JRTKA77DS80M4*
					JRTKAF77DS80M4*
14	730	97.05	19200	2.1	JRTK77DS80M4*
16	670	88.97	19300	2.3	JRTKF77DS80M4*
18	585	78.07	19500	2.7	JRTKA77DS80M4*
19	555	73.99	19600	2.8	JRTKAF77DS80M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.1kW</b>					
13	810	108.03	10400	1.00	JRTK67 DS80M4*
14	770	102.62	10700	1.05	JRTKF67 DS80M4*
16	675	90.04	11400	1.20	JRTKA67 DS80M4*
18	575	76.37	12000	1.45	JRTKAF67 DS80M4*
20	515	68.95	12300	1.60	
23	455	60.66	12600	1.80	JRTK67 DS80M4*
24	430	57.28	12700	1.90	JRTKF67 DS80M4*
29	365	48.77	12900	2.2	JRTKA67 DS80M4*
32	335	44.32	13000	2.5	JRTKAF67 DS80M4 *
36	290	38.39	13000	2.8	
16	675	90.26	7410	0.90	
18	575	76.56	7840	1.05	JRTK57 DS80M4*
20	520	69.12	8280	1.15	JRTKF57 DS80M4*
23	455	60.81	8630	1.30	JRTKA57 DS80M4*
24	430	57.42	8750	1.40	JRTKAF57 DS80M4 *
29	365	48.89	9020	1.65	
32	335	44.43	9160	1.80	
36	290	38.49	9330	2.1	
39	270	35.70	9400	2.2	
46	225	30.28	9540	2.6	
51	205	27.34	9510	2.9	
58	181	24.05	9220	3.3	
62	170	22.71	9090	3.5	
72	145	19.34	8720	4.0	JRTK57 DS80M4*
80	132	17.57	8510	4.2	JRTKF57 DS80M4*
92	114	15.22	8180	4.7	JRTKA57 DS80M4*
106	99	13.25	7880	5.1	JRTKAF57 DS80M4 *
117	90	11.92	7570	4.6	
124	85	11.26	7450	4.9	
146	72	9.59	7120	5.6	
161	65	8.71	6930	6.0	
186	57	7.55	6650	6.5	
213	49	6.57	6380	7.0	
298	35	4.69	5770	8.5	
25	425	56.83	3310	0.95	JRTK47 DS80M4*
29	365	48.95	6360	1.10	JRTKF47 DS80M4*
30	345	46.03	6610	1.15	JRTKA47 DS80M4*
					JRTKAF47 DS80M4 *
35	295	39.61	7090	1.35	
40	265	35.39	7090	1.50	JRTK47 DS80M4*
45	235	31.30	6960	1.70	JRTKF47 DS80M4*
48	220	29.32	6890	1.80	JRTKA47 DS80M4*
54	194	25.91	6730	2.1	JRTKAF47 DS80M4 *
64	164	21.81	6510	2.4	
72	147	19.58	6360	2.7	
47	225	29.96	3420	0.90	
56	188	24.99	3440	1.05	
60	175	23.36	3440	1.10	JRTK37 DS80M4*
69	152	20.19	3420	1.20	JRTKF37 DS80M4*
82	129	17.15	3370	1.40	JRTKA37 DS80M4*
91	115	15.31	3330	1.50	JRTKAF37 DS80M4 *
107	98	13.08	3260	1.70	
115	91	12.14	3220	1.75	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.1kW</b>					
133	79	10.49	3140	2.0	
157	67	8.91	3040	2.4	JRTK37DS80M4*
176	60	7.96	2970	2.6	JRTKF37DS80M4*
206	51	6.80	2870	2.9	JRTKA37DS80M4*
220	48	6.37	2830	3.0	JRTKAF37DS80M4*
261	40	5.36	2720	3.5	
352	30	3.98	2520	4.2	
<b>1.5kW</b>					
0.21	60800	6747	190000	0.80	
0.24	53600	5991	190000	0.95	
0.26	47600	5358	190000	1.05	JRTK187R97DS90M4*
0.29	42500	4817	190000	1.2	JRTKH187R97DS90M4*
0.32	38600	4370	190000	1.30	
0.39	33100	3609	190000	1.50	
0.46	28000	3062	190000	1.80	JRTK187R97DS90M4*
0.56	22800	2519	190000	2.2	JRTKH187R97DS90M4*
0.62	20400	2268	190000	2.5	
0.35	36700	4079	150000	0.85	
0.42	30500	3376	150000	1.05	JRTK167R97DS90M4*
0.51	24700	2755	150000	1.30	JRTKH167R97DS90M4*
0.65	20000	2182	150000	1.60	
0.83	15500	1704	150000	2.1	JRTK167R97DS90M4*
1.0	12900	1408	150000	2.5	JRTKH167R97DS90M4*
1.1	11800	1296	150000	2.7	
0.61	20500	2322	110800	0.9	JRTK157R97DS90M4* JRTKF157R97DS90M4* JRTKA157R97DS90M4* JRTKAF157R97DS90M4*
0.85	15200	1659	113500	1.20	
1.0	12400	1365	114600	1.45	
1.1	11100	1229	115000	1.65	JRTK157R97DS90M4*
1.3	9840	1093	115300	1.85	JRTKF157R97DS90M4*
1.5	8480	942	115700	2.1	JRTKA157R97DS90M4*
1.6	7630	854	115900	2.4	JRTKAF157R97DS90M4*
2.5	5010	567	116300	3.6	
2.8	4460	504	116400	4.0	
2.6	4830	536	82300	2.7	JRTK127R87DS90M4*
3.4	3800	418	82500	3.4	JRTKF127R87DS90M4*
3.8	3350	367	82600	3.9	JRTKA127R87DS90M4* JRTKAF127R87DS90M4*
0.80	16400	1757	73400	0.80	
0.91	14300	1541	77500	0.90	
1.0	12500	1342	79500	1.05	
1.2	10900	1177	80300	1.20	JRTK127R77DS90M4*
1.4	9550	1025	80900	1.35	JRTKF127R77DS90M4*
1.6	8360	899	81400	1.55	JRTKA127R77DS90M4*
1.8	7240	790	81700	1.80	JRTKAF127R77DS90M4*
2.0	6520	704	81900	2.0	
2.3	5620	610	82200	2.3	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.5kW</b>					
2.6	5080	549	82300	2.6	JRTK127R77DS90M4*
3.0	4370	477	82400	3.0	JRTKF127R77DS90M4*
3.4	3870	418	82500	3.4	JRTKA127R77DS90M4* JRTKAF127R77DS90M4*
1.4	9520	1030	65000	0.85	
1.6	8320	904	65000	0.95	
1.8	7390	793	65000	1.10	
2.0	6470	696	65000	1.25	JRTK107R77DS90M4*
2.3	5670	615	65000	1.40	JRTKF107R77DS90M4*
2.7	4810	522	65000	1.65	JRTKA107R77DS90M4*
3.1	4230	461	65000	1.90	JRTKAF107R77DS90M4*
3.5	3740	408	65000	2.1	
3.9	3370	364	65000	2.4	
4.4	2940	318	65000	2.7	
2.5	5420	573	39400	0.80	
2.8	4680	504	40000	0.9	
3.2	4050	437	40000	1.05	JRTK97R57DS90M4*
3.7	3570	382	40000	1.20	JRTKF97R57DS90M4*
4.1	3160	342	40000	1.35	JRTKA97R57DS90M4*
4.6	2880	305	40000	1.50	JRTKAF97R57DS90M4*
5.5	2430	258	40000	1.75	
6.1	2190	232	40000	1.95	
7.1	1870	199	40000	2.3	
4.3	3070	330	26800	0.90	
4.8	2750	294	27300	1.00	JRTK87R57DS90M4*
5.6	2360	250	27700	1.15	JRTKF87R57DS90M4*
6.0	2230	236	29700	1.2	JRTKA87R57DS90M4*
7.0	1890	201	28200	1.45	JRTKAF87R57DS90M4*
7.7	1720	183	28300	1.55	
4.9	2940	143.47	65000	2.7	JRTK107D112M8
5.8	2490	121.46	65000	3.2	JRTKF107D112M8
6.2	2300	112.41	65000	3.5	JRTKA107D112M8 JRTKAF107D112M8
4.6	3140	153.21	40000	1.35	JRTK97D112M8
5.0	2870	140.28	40000	1.50	JRTKF97D112M8
5.7	2540	123.93	40000	1.70	JRTKA97D112M8 JRTKAF97D112M8
5.2	2740	176.05	40000	1.55	JRTK97DS100M6*
6.0	2390	153.21	40000	1.80	JRTKF97DS100M6*
6.6	2180	140.28	40000	1.95	JRTKA97DS100M6*
7.4	1930	123.93	40000	2.2	JRTKAF97DS100M6*
8.0	1790	176.05	40000	2.4	JRTK97DS90M4*
9.2	1560	153.21	40000	2.8	JRTKF97DS90M4*
10	1430	140.28	40000	3.0	JRTKA97DS90M4*
11	1260	123.93	40000	3.4	JRTKAF97DS90M4*
6.2	2290	147.32	27800	1.20	JRTK87DS100M6*
7.2	1980	126.91	28100	1.35	JRTKF87DS100M6*
7.9	1800	115.82	28200	1.50	JRTKA87DS100M6*
9.0	1600	102.71	28400	1.70	JRTKAF87DS100M6*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.5kW</b>					
8.1	1770	174.19	28300	1.55	
8.6	1670	164.34	28300	1.60	JRTK87DS90M4*
9.6	1500	147.32	28500	1.80	JRTK87DS90M4*
11	1290	126.91	28600	2.1	JRTKA87DS90M4*
12	1180	115.82	28700	2.3	JRTKA87DS90M4*
14	1040	102.71	28800	2.6	JRTKAF87DS90M4*
16	880	86.34	28800	3.1	
8.1	1770	113.56	13600	0.90	JRTK77DS100M6*
9.5	1510	97.05	15700	1.05	JRTKF77DS100M6*
10	1390	88.97	16400	1.10	JRTKA77DS100M6*
12	1220	78.07	17400	1.30	JRTKAF77DS100M6*
10	1370	135.28	16500	1.15	JRTK77DS90M4*
11	1310	128.52	16900	1.20	JRTKF77DS90M4*
12	1150	113.56	17700	1.35	JRTKA77DS90M4*
15	990	97.05	18400	1.55	JRTKAF77DS90M4*
16	900	88.97	18700	1.70	
18	795	78.07	19000	1.95	
19	750	73.99	19100	2.1	JRTK77DS90M4*
22	660	64.75	19400	2.4	JRTKF77DS90M4*
24	595	58.34	19500	2.6	JRTKA77DS90M4*
28	520	51.18	19700	3.0	JRTKAF77DS90M4*
31	460	45.16	19800	3.4	
35	405	40.04	19800	3.8	
16	910	90.04	9370	0.90	
18	775	76.37	10700	1.05	JRTK67DS90M4*
20	700	68.95	11300	1.15	JRTKF67DS90M4*
23	615	60.66	11800	1.35	JRTKA67DS90M4*
25	580	57.28	12000	1.40	JRTKAF67DS90M4*
29	495	48.77	12400	1.65	
32	450	44.32	12600	1.80	
37	390	38.39	12800	2.1	JRTK67DS90M4*
40	360	35.62	12900	2.3	JRTKF67DS90M4*
47	305	30.22	13000	2.7	JRTKA67DS90M4*
52	275	27.28	13000	3.0	JRTKAF67DS90M4*
59	245	24.00	13000	3.3	
23	620	60.81	7480	0.95	JRTK57DS90M4*
25	585	57.42	7770	1.05	JRTKF57DS90M4*
29	495	48.89	8430	1.20	JRTKA57DS90M4*
32	450	44.43	8650	1.35	JRTKAF57DS90M4*
37	390	38.49	8920	1.55	
39	365	35.70	9040	1.65	JRTK57DS90M4*
47	310	30.28	9190	1.95	JRTKF57DS90M4*
52	280	27.34	9010	2.2	JRTKA57DS90M4*
59	245	24.05	8780	2.5	JRTKAF57DS90M4*
62	230	22.71	8670	2.6	
73	196	19.34	8360	2.9	
36	400	39.61	5890	1.00	JRTK47DS90M4*
40	360	35.39	6360	1.10	JRTKF47DS90M4*
45	320	31.30	6310	1.25	JRTKA47DS90M4*
					JRTKAF47DS90M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>1.5kW</b>					
48	300	29.32	6270	1.35	
54	265	25.91	6190	1.50	
65	220	21.81	6050	1.80	
72	199	19.58	5950	2.0	JRTK47DS90M4*
84	171	16.86	5800	2.2	JRTKF47DS90M4*
89	161	15.86	5730	2.4	JRTKA47DS90M4*
103	139	13.65	5560	2.6	JRTKAF47DS90M4*
116	124	12.19	5430	2.8	
120	120	11.77	5340	2.3	
60	235	23.36	2860	0.80	
70	205	20.19	2920	0.90	
82	174	17.15	2940	1.05	
92	156	15.31	2950	1.10	
108	133	13.08	2930	1.25	JRTK37DS90M4*
116	123	12.14	2920	1.30	JRTKF37DS90M4*
134	107	10.49	2880	1.50	JRTKA37DS90M4*
158	91	8.91	2820	1.75	JRTKAF37DS90M4*
177	81	7.96	2770	1.90	
207	69	6.80	2700	2.2	
221	65	6.37	2670	2.2	
263	55	5.36	2580	2.6	
354	40	3.98	2420	3.1	
<b>2.2kW</b>					
0.32	57700	4370	190000	0.85	JRTK187R97DS90L4*
0.50	36400	2818	190000	1.35	JRTKH187R97DS90L4*
0.39	49000	3609	190000	1.00	
0.46	41600	3062	190000	1.20	
0.56	34000	2519	190000	1.45	JRTK187R97DS90L4*
0.62	30400	2268	190000	1.65	JRTKH187R97DS90L4*
0.69	27400	2054	190000	1.80	
0.77	24200	1821	190000	2.1	
0.88	21400	1605	190000	2.3	
0.51	36700	2755	150000	0.85	JRTK167R97DS90L4*
0.62	29500	2263	150000	1.05	JRTKH167R97DS90L4*
0.65	29600	2182	150000	1.10	
0.83	23100	1704	150000	1.40	
1.0	19100	1408	150000	1.65	JRTK167R97DS90L4*
1.1	17500	1296	150000	1.8	JRTKH167R97DS90L4*
1.3	14600	1101	150000	2.2	
1.5	12600	944	150000	2.5	
0.85	22500	1659	109700	0.80	
1.0	18400	1365	112000	1.00	
1.1	16500	1229	112900	1.10	JRTK157R97DS90L4*
1.3	14700	1093	113700	1.25	JRTKF157R97DS90L4*
1.5	12700	942	114500	1.4	JRTKA157R97DS90L4*
1.6	11400	854	114900	1.60	JRTKAF157R97DS90L4*
1.9	9880	756	115300	1.80	
2.6	7200	536	81700	1.80	JRTK127R87DS90L4*
3.0	6300	473	82000	2.1	JRTKF127R87DS90L4*
3.4	5670	418	82200	2.3	JRTKA127R87DS90L4*
3.8	4970	367	82300	2.6	JRTKAF127R87DS90L4*
4.3	4460	330	82400	2.9	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>2.2kW</b>					
1.4	14100	1025	77800	0.9	
1.6	12300	899	79500	1.05	
1.8	10700	790	80400	1.20	JRTK127R77DS90L4*
2.0	9640	704	80800	1.35	JRTKF127R77DS90L4*
2.3	8330	610	81300	1.55	JRTKA127R77DS90L4*
2.6	7510	549	81600	1.75	JRTKAF127R77DS90L4*
3.0	6490	477	81900	2.0	
3.4	5720	418	82100	2.3	
2.3	8390	615	65000	0.95	
2.7	7120	522	65000	1.1	
3.1	6270	461	65000	1.30	JRTK107R77DS90L4*
3.5	5540	408	65000	1.45	JRTKF107R77DS90L4*
3.9	4980	364	65000	1.60	JRTKA107R77DS90L4*
4.4	4350	318	65000	1.85	JRTKAF107R77DS90L4*
4.9	3910	286	65000	2.0	
5.6	3430	251	65000	2.3	
3.7	5260	382	39600	0.80	
4.1	4680	342	40000	0.95	JRTK97R57DS90L4*
4.6	4240	305	40000	1.0	JRTKF97R57DS90L4*
5.5	3580	258	40000	1.20	JRTKA97R57DS90L4*
6.1	3220	232	40000	1.35	JRTKAF97R57DS90L4*
7.1	2760	199	40000	1.55	
4.9	4310	143.47	65000	1.85	JRTK107D132S8
5.8	3650	121.46	65000	2.2	JRTKF107D132S8
6.2	3370	112.41	65000	2.4	JRTKA107D132S8
6.9	3020	100.75	65000	2.7	JRTKAF107D132S8
6.1	3420	153.21	40000	1.25	JRTK97DS100L6*
6.7	3140	140.28	40000	1.35	JRTKF97DS100L6*
7.6	2770	123.93	40000	1.55	JRTKA97DS100L6*
8.9	2350	105.13	40000	1.85	JRTKAF97DS100L6*
8.0	2620	176.05	40000	1.65	JRTK97DS90L4*
9.2	2280	153.21	40000	1.90	JRTKF97DS90L4*
10	2090	140.28	40000	2.1	JRTKA97DS90L4*
11	1850	123.93	40000	2.3	JRTKAF97DS90L4*
					JRTK97DS90L4*
13	1570	105.13	40000	2.8	JRTKF97DS90L4*
15	1440	96.80	40000	3.0	JRTKA97DS90L4*
					JRTKAF97DS90L4*
9.6	2200	147.32	27900	1.25	JRTK87DS90L4*
11	1890	126.91	28200	1.45	JRTKF87DS90L4*
12	1730	115.82	28300	1.65	JRTKA87DS90L4*
					JRTKAF87DS90L4*
14	1530	102.71	28500	1.75	JRTK87DS90L4*
16	1290	86.34	28600	2.1	JRTKF87DS90L4*
18	1180	79.34	28700	2.3	JRTKA87DS90L4*
20	1050	70.46	28800	2.6	JRTKAF87DS90L4*
22	940	63.00	28800	2.9	
12	1690	113.56	14300	0.90	JRTK77DS90L4*
15	1450	97.05	16100	1.05	JRTKF77DS90L4*
16	1330	88.97	16800	1.15	JRTKA77DS90L4*
18	1160	78.07	17600	1.35	JRTKAF77DS90L4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>2.2kW</b>					
19	1100	73.99	17900	1.40	JRTK77DS90L4*
22	960	64.75	18400	1.60	JRTKF77DS90L4*
					JRTKA77DS90L4*
					JRTKAF77DS90L4*
24	870	58.34	18800	1.80	
28	765	51.18	19100	2.0	
31	675	45.16	19300	2.3	JRTK77DS90L4*
35	595	40.04	19500	2.6	JRTKF77DS90L4*
40	525	35.20	19700	3.0	JRTKA77DS90L4*
46	460	30.89	19800	3.4	JRTKAF77DS90L4*
48	435	29.27	19800	3.6	
55	380	25.62	19800	4.1	
23	900	60.66	9490	0.90	
25	850	57.28	10000	0.95	JRTK67DS90L4*
29	725	48.77	11100	1.15	JRTKF67DS90L4*
32	660	44.32	11500	1.25	JRTKA67DS90L4*
37	570	38.39	12100	1.40	JRTKAF67DS90L4*
40	530	35.62	12300	1.55	
47	450	30.22	12600	1.80	
52	405	27.28	12800	2.0	
59	360	24.00	13000	2.2	
62	340	22.66	13000	2.3	
73	285	19.30	13000	2.6	JRTK67DS90L4*
80	260	17.54	13000	2.8	JRTKF67DS90L4*
93	225	15.19	13000	3.1	JRTKA67DS90L4*
107	197	13.22	13000	3.4	JRTKAF67DS90L4*
113	186	12.48	13000	2.9	
133	158	10.63	13000	3.2	
146	144	9.66	13000	3.3	
169	125	8.37	13000	3.5	
194	109	7.28	12700	3.9	
271	78	5.2	11700	4.5	
32	660	44.43	5100	0.90	JRTK57DS90L4*
37	575	38.49	7850	1.05	JRTKF57DS90L4*
39	530	35.70	8180	1.15	JRTKA57DS90L4*
47	450	30.28	8250	1.35	JRTKAF57DS90L4*
52	405	27.34	8160	1.45	
59	360	24.05	8030	1.65	
62	340	22.71	7970	1.75	JRTK57DS90L4*
73	290	19.34	7760	2.0	JRTKF57DS90L4*
80	260	17.57	7630	2.1	JRTKA57DS90L4*
93	225	15.22	7430	2.4	JRTKAF57DS90L4*
106	197	13.25	7220	2.6	
118	178	11.92	6890	2.3	
125	168	11.26	6810	2.5	
54	385	25.91	5260	1.05	JRTK47DS90L4*
65	325	21.81	5260	1.25	JRTKF47DS90L4*
72	290	19.58	5240	1.35	JRTKA47DS90L4*
					JRTKAF47DS90L4*
84	250	16.86	5190	1.50	JRTK47DS90L4*
89	235	15.86	5160	1.60	JRTKF47DS90L4*
103	205	13.65	5070	1.75	JRTKA47DS90L4*
116	182	12.19	4990	1.95	JRTKAF47DS90L4*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>2.2kW</b>					
120	175	11.77	4890	1.60	JRTK47DS90L4*
133	157	10.56	4810	1.80	JRTKF47DS90L4*
155	136	9.10	4690	2.1	JRTKA47DS90L4*
					JRTKAF47DS90L4*
108	195	13.08	2370	0.85	
134	156	10.49	2430	1.00	
158	133	8.91	2440	1.20	JRTK37DS90L4*
177	119	7.96	2430	1.30	JRTKF37DS90L4*
207	101	6.80	2410	1.50	JRTKA37DS90L4*
221	95	6.37	2400	1.55	JRTKAF37DS90L4*
263	80	5.36	2350	1.75	
354	59	3.98	2250	2.1	
<b>3.0kW</b>					
0.50	50800	2818	190000	1	JRTK187R97DS100M4*
					JRTKH187R97DS100M4*
0.46	57500	3062	190000	0.85	
0.56	47100	2519	190000	1.05	
0.62	42200	2268	190000	1.20	
0.68	38100	2054	190000	1.30	JRTK187R97DS100M4*
0.77	33600	1821	190000	1.50	JRTKH187R97DS100M4*
0.87	29800	1605	190000	1.70	
1.0	25500	1395	190000	1.95	
1.2	22100	1196	190000	2.3	
0.82	31900	1704	150000	1.00	
0.99	26400	1408	150000	1.20	
1.1	24300	1296	150000	1.3	
1.2	20300	1101	150000	1.55	JRTK167R97DS100M4*
1.5	17500	944	150000	1.85	JRTKH167R97DS100M4*
1.7	15400	843	150000	2.1	
1.9	13900	757	150000	2.3	
1.1	22900	1229	109300	0.80	
1.3	20400	1093	110900	0.90	
1.5	17600	942	112400	1.05	JRTK157R97DS100M4*
1.6	15800	854	113200	1.15	JRTKF157R97DS100M4*
1.9	13800	756	114000	1.30	JRTKA157R97DS100M4*
2.5	10500	567	115200	1.65	JRTKAF157R97DS100M4*
2.8	9310	504	115500	1.95	
2.6	9980	536	80700	1.30	
3.0	8760	473	81200	1.50	JRTK127R87DS100M4*
3.3	7870	418	81500	1.70	JRTKF127R87DS100M4*
3.8	6880	367	81800	1.90	JRTKA127R87DS100M4*
4.2	6170	330	82000	2.1	JRTKAF127R87DS100M4*
4.9	5300	287	82200	2.5	
1.8	14800	790	76300	0.90	
2.0	13300	704	79000	1.00	JRTK127R77DS100M4*
2.3	11500	610	80000	1.15	JRTKF127R77DS100M4*
2.5	10400	549	80500	1.25	JRTKA127R77DS100M4*
2.9	8970	477	81100	1.45	JRTKAF127R77DS100M4*
3.3	7900	418	81500	1.65	
3.0	8660	461	65000	0.9	JRTK107R77DS100M4*
3.4	7660	408	65000	1.05	JRTKF107R77DS100M4*
					JRTKA107R77DS100M4*
					JRTKAF107R77DS100M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>3.0kW</b>					
4.4	6000	318	65000	1.35	
4.9	5400	286	65000	1.50	JRTK107R77DS100M4*
5.6	4730	251	65000	1.70	JRTKF107R77DS100M4*
6.3	4170	222	65000	1.9	JRTKA107R77DS100M4*
7.1	3690	196	65000	2.2	JRTKAF107R77DS100M4*
8.1	3300	174	65000	2.2	
9.1	2920	154	65000	2.5	
10	2650	140	65000	2.7	
5.4	4930	258	40000	0.85	JRTK97R57 DS100M4*
6.0	4440	232	40000	0.95	JRTKF97R57 DS100M4*
7.0	3810	199	40000	1.15	JRTKA97R57 DS100M4*
					JRTKAF97R57 DS100M4*
5.0	5710	143.47	65000	1.40	
5.9	4830	121.46	65000	1.65	JRTK107D132M8
6.4	4470	112.41	65000	1.80	JRTKF107D132M8
7.2	4010	100.75	65000	2.0	JRTKA107D132M8
7.9	3620	90.96	65000	2.2	JRTKAF107D132M8
6.6	4370	143.47	65000	1.85	JRTK107DS112M6*
7.7	3700	121.46	65000	2.2	JRTKF107DS112M6*
8.4	3430	112.41	65000	2.3	JRTKA107DS112M6*
9.3	3070	100.75	65000	2.6	JRTKAF107DS112M6*
					JRTK107DS100M4*
9.8	2940	143.47	65000	2.7	JRTKF107DS100M4*
12	2490	121.46	65000	3.2	JRTKA107DS100M4*
					JRTKAF107DS100M4*
7.6	3780	123.93	40000	1.15	JRTK97DS112M6*
8.9	3200	105.13	40000	1.35	JRTKF97DS112M6*
9.7	2950	96.80	40000	1.45	JRTKA97DS112M6*
11	2640	86.52	40000	1.65	JRTKAF97DS112M6*
7.9	3600	176.05	40000	1.20	JRTK97DS100M4*
9.1	3140	153.21	40000	1.35	JRTKF97DS100M4*
10	2870	140.28	40000	1.50	JRTKA97DS100M4*
11	2540	123.93	40000	1.70	JRTKAF97DS100M4*
13	2150	105.13	40000	2.0	
14	1980	96.80	40000	2.2	JRTK97DS100M4*
16	1770	86.52	40000	2.4	JRTKF97DS100M4*
18	1590	77.89	40000	2.7	JRTKA97DS100M4*
20	1440	70.54	40000	3.0	JRTKAF97DS100M4*
22	1280	62.55	40000	3.4	
25	1160	56.55	40000	3.7	
9.5	3010	147.32	26900	0.90	JRTK87DS100M4*
11	2600	126.91	27400	1.05	JRTKF87DS100M4*
12	2370	115.82	27700	1.15	JRTKA87DS100M4*
14	2100	102.71	28000	1.30	JRTKAF87DS100M4*
16	1770	86.34	28300	1.55	JRTK87DS100M4*
18	1620	79.34	28400	1.65	JRTKF87DS100M4*
					JRTKA87DS100M4*
20	1440	70.46	28500	1.85	JRTKAF87DS100M4*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>3.0kW</b>					
22	1290	63.00	28600	2.1	
25	1160	56.64	28700	2.3	JRTK87DS100M4*
28	1010	49.16	28800	2.7	JRTKF87DS100M4*
32	900	44.02	28800	2.9	JRTKA87DS100M4*
38	745	36.52	28400	3.4	JRTKAF87DS100M4*
16	1820	88.97	13100	0.85	
18	1600	78.07	15000	0.95	JRTK77DS100M4*
19	1510	73.99	15600	1.00	JRTKF77DS100M4*
22	1330	64.75	16800	1.15	JRTKA77DS100M4*
24	1190	58.34	17500	1.30	JRTKAF77DS100M4*
27	1050	51.18	18100	1.50	
31	920	45.16	18600	1.70	JRTK77DS100M4*
35	820	40.04	18900	1.90	JRTKF77DS100M4*
40	720	35.20	19200	2.2	JRTKA77DS100M4*
45	630	30.89	19400	2.5	JRTKAF77DS100M4*
32	910	44.32	9450	0.90	
36	785	38.39	10600	1.00	JRTK67DS100M4*
39	730	35.62	11100	1.15	JRTKF67DS100M4*
46	620	30.22	11800	1.35	JRTKA67DS100M4*
51	560	27.28	12100	1.45	JRTKAF67DS100M4*
58	490	24.00	12500	1.65	
62	465	22.66	12600	1.70	
73	395	19.30	12800	1.95	
80	360	17.54	13000	2.1	JRTK67DS100M4*
92	310	15.19	13000	2.3	JRTKF67DS100M4*
106	270	13.22	13000	2.5	JRTKA67DS100M4*
112	255	12.48	13000	2.1	JRTKAF67DS100M4*
132	220	10.63	13000	2.3	
145	198	9.66	13000	2.4	
46	620	30.28	7180	0.95	JRTK57DS100M4*
51	560	27.34	7190	1.05	JRTKF57DS100M4*
58	490	24.05	7180	1.20	JRTKA57DS100M4*
					JRTKAF57DS100M4*
62	465	22.71	7160	1.30	
72	395	19.34	7080	1.45	
80	360	17.57	7020	1.55	
92	310	15.22	6890	1.70	
106	270	13.25	6750	1.90	JRTK57DS100M4*
117	245	11.92	6420	1.70	JRTKF57DS100M4*
124	230	11.26	6370	1.80	JRTKA57DS100M4*
146	196	9.59	6200	2.1	JRTKAF57DS100M4*
161	178	8.71	6090	2.2	
186	154	7.55	5920	2.4	
213	134	6.57	5750	2.6	
298	96	4.69	5320	3.1	
72	400	19.58	4430	1.00	
83	345	16.86	4490	1.10	JRTK47DS100M4*
88	325	15.86	4500	1.15	JRTKF47DS100M4*
103	280	13.65	4510	1.30	JRTKA47DS100M4*
115	250	12.19	4490	1.40	JRTKAF47DS100M4*
119	240	11.77	4370	1.15	
133	215	10.56	4350	1.30	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>3.0kW</b>					
154	186	9.10	4290	1.50	
164	175	8.56	4270	1.55	JRTK47DS100M4*
190	151	7.36	4190	1.65	JRTKF47DS100M4*
213	135	6.58	4120	1.80	JRTKA47DS100M4*
241	119	5.81	4030	1.95	JRTKAF47DS100M4*
302	95	4.64	3860	2.2	
157	182	8.91	2000	0.90	JRTK37DS100M4*
176	163	7.96	2040	0.95	JRTKF37DS100M4*
206	139	6.80	2080	1.10	JRTKA37DS100M4*
220	130	6.37	2080	1.10	JRTKAF37DS100M4*
261	110	5.36	2090	1.30	
352	81	3.98	2050	1.55	
<b>4.0kW</b>					
1.7	20100	835	190000	2.5	JRTK187R107DS112M4*
2.7	12600	520	190000	4.0	JRTKH187R107DS112M4*
0.56	62200	2519	168800	0.80	
0.63	55900	2268	180200	0.90	
0.69	50500	2054	189400	1.00	
0.78	44600	1821	190000	1.10	JRTK187R97DS112M4*
0.88	39400	1605	190000	1.25	JRTKH187R97DS112M4*
1.0	33900	1395	190000	1.5	
1.2	29300	1196	190000	1.70	
1.4	25600	1046	190000	1.95	
1.5	23100	945	190000	2.2	
1.0	34900	1408	150000	0.90	
1.1	32100	1296	150000	1.00	
1.3	26900	1101	150000	1.20	JRTK167R97DS112M4*
1.5	23200	944	150000	1.40	JRTKH167R97DS112M4*
1.7	20500	843	150000	1.55	
1.9	18500	757	150000	1.75	
2.2	15500	632	150000	2.1	
1.7	21000	854	110600	0.85	
1.9	18300	756	112000	1.00	JRTK157R97DS112M4*
2.5	13900	567	114000	1.30	JRTKF157R97DS112M4*
2.8	12300	504	114600	1.45	JRTKA157R97DS112M4*
3.3	10500	434	115100	1.70	JRTKAF157R97DS112M4*
2.7	13200	536	79100	1.00	
3.0	11600	473	79900	1.10	JRTK127R87DS112M4*
3.4	10400	418	80600	1.25	JRTKF127R87DS112M4*
3.9	9090	367	81100	1.45	JRTKA127R87DS112M4*
4.3	8160	330	81400	1.60	JRTKAF127R87DS112M4*
5.0	7020	287	81800	1.85	
5.6	6210	253	82000	2.1	
2.3	15200	610	75800	0.85	JRTK127R77DS112M4*
2.6	13700	549	78800	0.95	JRTKF127R77DS112M4*
3.0	11800	477	79800	1.10	JRTKA127R77DS112M4*
3.4	10400	418	80500	1.25	JRTKAF127R77DS112M4*
3.9	9050	364	65000	0.90	
4.5	7910	318	65000	1.00	
5.0	7120	286	65000	1.1	JRTK107R77DS112M4*
5.7	6240	251	65000	1.30	JRTKF107R77DS112M4*
6.4	5500	222	65000	1.45	JRTKA107R77DS112M4*
7.2	4870	196	65000	1.65	JRTKAF107R77DS112M4*
8.2	4360	174	65000	1.65	
9.2	3860	154	65000	1.85	
10	3500	140	65000	2.1	
7.1	5020	199	39900	0.85	JRTK97R57DS112M4*
					JRTKF97R57DS112M4*
					JRTKA97R57DS112M4*
					JRTKAF97R57DS112M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>4.0kW</b>					
5.3	7220	136.14	81700	1.80	JRTK127D132ML8
5.9	6500	122.48	81900	2.0	JRTKF127D132ML8
6.5	5850	110.18	82100	2.2	JRTKA127D132ML8
6.6	5810	146.07	82100	2.2	JRTKAF127D132ML8
7.1	5420	136.14	82200	2.4	JRTK127DS132S6
7.8	4870	122.48	82300	2.7	JRTKF127DS132S6
8.7	4380	110.18	82400	3.0	JRTKA127DS132S6
8.7	4380	110.18	82400	3.0	JRTKAF127DS132S6
6.4	5960	112.41	65000	1.35	JRTK107D132ML8
7.2	5340	100.75	65000	1.50	JRTKF107D132ML8
7.9	4830	90.96	65000	1.65	JRTKA107D132ML8
8.7	4380	82.61	65000	1.85	JRTKAF107D132ML8
6.7	5710	143.47	65000	1.40	JRTK107DS132S6
7.9	4830	121.46	65000	1.65	JRTKF107DS132S6
8.5	4470	112.41	65000	1.80	JRTKA107DS132S6
9.5	4010	100.75	65000	2.0	JRTKAF107DS132S6
11	3620	90.96	65000	2.2	JRTK107DS112M4*
9.9	3860	143.47	65000	2.1	JRTKF107DS112M4*
12	3270	121.46	65000	2.5	JRTKA107DS112M4*
13	3020	112.41	65000	2.7	JRTKAF107DS112M4*
14	2710	100.75	65000	3.0	JRTK97DS112M4*
16	2450	90.96	65000	3.3	JRTKF97DS112M4*
17	2220	82.61	65000	3.6	JRTKA97DS112M4*
19	1970	73.30	65000	4.1	JRTKAF97DS112M4*
9.3	4120	153.21	40000	1.05	JRTK87DS112M4*
10	3770	140.28	40000	1.15	JRTKF87DS112M4*
11	3330	123.93	40000	1.30	JRTKA87DS112M4*
14	2830	105.13	40000	1.50	JRTKAF87DS112M4*
15	2600	96.80	40000	1.65	JRTK87DS112M4*
16	2330	86.52	40000	1.85	JRTKF87DS112M4*
18	2100	77.89	40000	2.1	JRTKA87DS112M4*
20	1900	70.54	40000	2.3	JRTKAF87DS112M4*
12	3120	115.82	26700	0.85	JRTK187R97DS132S4*
14	2760	102.71	27200	1.00	JRTKF187R97DS132S4*
16	2320	86.34	27700	1.15	JRTKA187R97DS132S4*
18	2130	79.34	27900	1.25	JRTKAF187R97DS132S4*
20	1900	70.46	28200	1.40	JRTK187R97DS132S4*
23	1690	63.00	28300	1.60	JRTKF187R97DS132S4*
25	1520	56.64	28500	1.75	JRTKA187R97DS132S4*
29	1320	49.16	28600	2.0	JRTKAF187R97DS132S4*
32	1180	44.02	28300	2.2	JRTK167R97DS132S4*
39	980	36.52	27300	2.5	JRTKF167R97DS132S4*
22	1740	64.75	13900	0.90	JRTKA167R97DS132S4*
24	1570	58.34	15200	1.00	JRTKAF167R97DS132S4*
28	1380	51.18	16500	1.15	JRTK167R97DS132S4*
31	1210	45.16	17400	1.30	JRTKF167R97DS132S4*
35	1080	40.04	18000	1.45	JRTKA167R97DS132S4*
37	1030	38.39	18200	1.45	JRTKAF167R97DS132S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>4.0kW</b>					
40	950	35.20	18500	1.65	JRTK77DS112M4*
46	830	30.89	18900	1.85	JRTKF77DS112M4*
49	785	29.27	19000	1.95	JRTKA77DS112M4*
55	690	25.62	19300	2.3	JRTKAF77DS112M4*
62	620	23.08	19500	2.5	JRTK67DS112M4*
70	545	20.25	19600	2.8	JRTKF67DS112M4*
47	810	30.22	10400	1.00	JRTKA67DS112M4*
52	735	27.28	11000	1.10	JRTKAF67DS112M4*
59	645	24.00	11600	1.25	JRTK67DS112M4*
63	610	22.66	11800	1.30	JRTKF67DS112M4*
74	520	19.30	12300	1.45	JRTKA67DS112M4*
81	470	17.54	12500	1.55	JRTKAF67DS112M4*
94	410	15.19	12800	1.70	JRTK67DS112M4*
107	355	13.22	13000	1.90	JRTKF67DS112M4*
114	335	12.48	13000	1.60	JRTKA67DS112M4*
134	285	10.63	13000	1.75	JRTKAF67DS112M4*
147	260	9.66	12900	1.85	JRTK67DS112M4*
170	225	8.37	12500	1.95	JRTKF67DS112M4*
195	196	7.28	12100	2.1	JRTKA67DS112M4*
273	140	5.20	11200	2.5	JRTKAF67DS112M4*
59	645	24.05	6120	0.95	JRTK57DS112M4*
63	610	22.71	6160	1.00	JRTKF57DS112M4*
73	520	19.34	6220	1.10	JRTKA57DS112M4*
81	475	17.57	6230	1.15	JRTKAF57DS112M4*
93	410	15.22	6210	1.30	JRTK57DS112M4*
107	355	13.25	6510	1.45	JRTKF57DS112M4*
119	320	11.92	5810	1.30	JRTKA57DS112M4*
126	305	11.26	5790	1.35	JRTKAF57DS112M4*
148	260	9.59	5700	1.55	JRTK57DS112M4*
163	235	8.71	5640	1.65	JRTKF57DS112M4*
188	205	7.55	5530	1.80	JRTKA57DS112M4*
216	177	6.57	5400	1.95	JRTKAF57DS112M4*
303	126	4.69	5070	2.4	JRTK57DS112M4*
<b>5.5kW</b>					
0.79	61300	1821	190000	0.80	JRTK187R97DS132S4*
0.89	54200	1605	190000	0.90	JRTKF187R97DS132S4*
1.0	46700	1395	190000	1.05	JRTKA187R97DS132S4*
1.2	40300	1196	190000	1.25	JRTKAF187R97DS132S4*
1.4	35200	1046	190000	1.4	JRTK187R97DS132S4*
1.5	31700	945	190000	1.60	JRTKF187R97DS132S4*
1.9	24800	738	190000	2.0	JRTKA187R97DS132S4*
2.3	20800	621	190000	2.4	JRTKAF187R97DS132S4*
1.3	37100	1101	150000	0.85	JRTK167R97DS132S4*
1.5	31900	944	150000	1.00	JRTKF167R97DS132S4*
1.7	28200	843	150000	1.15	JRTKA167R97DS132S4*
1.9	25400	757	150000	1.25	JRTKAF167R97DS132S4*
2.3	21300	632	150000	1.50	JRTK167R97DS132S4*
2.5	18700	561	150000	1.70	JRTKF167R97DS132S4*
3.0	16200	481	150000	2.0	JRTKA167R97DS132S4*
3.4	14100	423	150000	2.3	JRTKAF167R97DS132S4*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>5.5kW</b>					
2.2	22000	661	109900	0.80	
2.5	19100	567	111700	0.95	JRTK157R97DS132S4 *
2.8	17000	504	112700	1.05	JRTKF157R97DS132S4 *
3.3	14500	434	113800	1.25	JRTKA157R97DS132S4 *
3.8	12600	379	114500	1.45	JRTKAF157R97DS132S4 *
4.3	11100	333	115000	1.60	
3.4	14300	418	77400	0.90	
3.9	12500	367	79500	1.05	
4.3	11200	330	80100	1.15	
5.0	9650	287	80800	1.35	JRTK127R87DS132S4 *
5.6	8540	253	81300	1.5	JRTKF127R87DS132S4 *
6.7	7170	213	81700	1.8	JRTKA127R87DS132S4 *
7.1	6830	200	81800	1.75	JRTKAF127R87DS132S4 *
8.6	5660	166	82100	2.1	
9.8	4990	147	82300	2.4	
6.4	7540	222	65000	1.05	
7.3	6680	196	65000	1.20	JRTK107R77DS132S4 *
8.2	5970	174	65000	1.3	JRTKF107R77DS132S4 *
9.3	5280	154	65000	1.35	JRTKA107R77DS132S4 *
10	4800	140	65000	1.5	JRTKAF107R77DS132S4 *
4.7	11100	150.41	115000	1.60	JRTK157D160M8
5.8	9050	122.39	115500	2.0	JRTKF157D160M8
7.1	7410	100.22	115900	2.4	JRTKA157D160M8
7.8	6780	91.65	116000	2.7	JRTKAF157D160M8
5.2	10100	136.14	80700	1.30	JRTK127D160M8
5.8	9060	122.48	81100	1.45	JRTKF127D160M8
6.4	8150	110.18	81400	1.60	JRTKA127D160M8
7.9	6650	89.89	81900	1.95	JRTKAF127D160M8
7.1	7450	136.14	81600	1.75	JRTK127DS160S6
7.8	6700	122.48	81900	1.95	JRTKF127DS160S6
8.7	6030	110.18	82100	2.2	JRTKA127DS160S6
11	4920	89.89	82300	2.6	JRTKAF127DS160S6
8.5	6150	122.41	65000	1.30	JRTK107DS160S6
9.5	5510	100.75	65000	1.45	JRTKF107DS160S6
11	4980	90.96	65000	1.60	JRTKA107DS160S6
12	4520	82.61	65000	1.75	JRTKAF107DS160S6
10	5270	143.47	65000	1.50	
12	4460	121.46	65000	1.80	JRTK107DS132S4 *
13	4130	112.41	65000	1.95	JRTKF107DS132S4 *
14	3700	100.75	65000	2.2	JRTKA107DS132S4 *
16	3340	90.96	65000	2.4	JRTKAF107DS132S4 *
17	3030	82.61	65000	2.6	
12	4550	123.93	40000	0.95	JRTK97DS132S4 *
14	3860	105.13	40000	1.10	JRTKF97DS132S4 *
15	3560	96.80	40000	1.20	JRTKA97DS132S4 *
17	3180	86.52	40000	1.35	JRTKAF97DS132S4 *

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>5.5kW</b>					
18	2860	77.89	40000	1.50	JRTK97DS132S4 *
20	2590	70.54	40000	1.65	JRTKF97DS132S4 *
23	2300	62.55	40000	1.85	JRTKA97DS132S4 *
25	2080	56.55	39700	2.1	JRTKAF97DS132S4 *
30	1760	47.93	38600	2.4	
17	3170	86.34	26600	0.85	JRTK87DS132S4 *
18	2910	79.34	27000	0.95	JRTKF87DS132S4 *
20	2590	70.46	27400	1.05	JRTKA87DS132S4 *
23	2310	63.00	27500	1.15	JRTKAF87DS132S4 *
25	2080	56.64	27300	1.30	
29	1810	49.16	26900	1.50	JRTK87DS132S4 *
32	1620	44.02	26500	1.60	JRTKF87DS132S4 *
39	1340	36.52	25800	1.85	JRTKA87DS132S4 *
46	1150	31.39	25200	2.3	JRTKAF87DS132S4 *
51	1020	27.88	24700	2.5	
32	1660	45.16	14600	0.95	JRTK77DS132S4 *
36	1470	40.04	15900	1.05	JRTKF77DS132S4 *
46	1130	30.89	17800	1.35	JRTKA77DS132S4 *
49	1070	29.27	18000	1.45	JRTKAF77DS132S4 *
56	940	25.62	18500	1.65	
62	850	23.08	18800	1.85	
71	745	20.25	19100	2.0	JRTK77DS132S4 *
80	655	17.87	19400	2.2	JRTKF77DS132S4 *
90	580	15.84	19200	2.4	JRTKA77DS132S4 *
106	495	13.52	18600	2.7	JRTKAF77DS132S4 *
116	455	12.36	17900	2.2	
132	400	10.84	17400	2.5	
60	880	24.00	9720	0.90	
63	830	22.66	10200	0.95	JRTK67DS132S4 *
74	710	19.30	11200	1.05	JRTKF67DS132S4 *
82	645	17.54	11600	1.15	JRTKA67DS132S4 *
94	560	15.19	12100	1.25	JRTKAF67DS132S4 *
108	485	13.22	12500	1.40	
115	460	12.48	12600	1.15	
135	390	10.63	12400	1.30	JRTK67DS132S4 *
148	355	9.66	12200	1.35	JRTKF67DS132S4 *
171	305	8.37	11900	1.45	JRTKA67DS132S4 *
196	265	7.28	11600	1.55	JRTKAF67DS132S4 *
275	191	5.20	10800	1.85	
<b>7.5kW</b>					
1.7	38200	835	190000	1.30	JRTK187R107DS132M4*
2.0	33200	729	190000	1.50	JRTKH187R107DS132M4*
2.3	28300	622	190000	1.75	
1.2	55200	1196	190000	0.90	
1.4	48200	1046	190000	1.05	
1.5	43500	945	190000	1.15	JRTK187R97DS132M4*
1.9	34000	738	190000	1.45	JRTKH187R97DS132M4*
2.3	28600	621	190000	1.75	
2.7	24200	527	190000	2.1	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>7.5kW</b>					
1.7	38700	843	150000	0.85	
1.9	34900	757	150000	0.90	
2.3	29200	632	150000	1.10	JRTK167R97DS132M4*
2.5	25600	561	150000	1.25	JRTKH167R97DS132M4*
3.0	22200	481	150000	1.45	
3.4	19400	423	150000	1.65	
3.9	16900	369	150000	1.90	
3.3	19900	434	111200	0.90	JRTK157R97DS132M4*
3.8	17400	379	112500	1.05	JRTKF157R97DS132M4*
4.3	15300	333	113500	1.20	JRTKA157R97DS132M4*
4.9	13300	291	114200	1.35	JRTKAF157R97DS132M4*
4.3	15300	330	75300	0.85	
5.0	13200	287	79100	1.00	JRTK127R87DS132M4*
5.6	11700	253	79900	1.10	JRTKF127R87DS132M4*
6.7	9830	213	80800	1.3	JRTKA127R87DS132M4*
7.1	9360	200	80900	1.30	JRTKAF127R87DS132M4*
8.6	7750	166	81500	1.55	
9.8	6840	147	81800	1.80	
4.4	16400	164.50	150000	1.95	JRTK167D160L8
5.3	13400	134.99	150000	2.4	JRTKH167D160L8
5.8	12300	164.50	150000	2.6	JRTK167DS160M6
7.1	10100	134.99	150000	3.2	JRTKH167DS160M6
6.4	11200	150.41	114900	1.60	JRTK157DS160M6*
7.8	9130	122.39	115500	1.95	JRTKF157DS160M6*
9.6	7480	100.22	115900	2.4	JRTKA157DS160M6*
10	6840	91.65	116000	2.6	JRTKAF157DS160M6*
12	5950	79.75	116200	3.0	
7.1	10200	136.14	80600	1.30	JRTK127DS160M6*
7.8	9140	122.48	81000	1.40	JRTKF127DS160M6*
8.7	8220	110.18	81400	1.60	JRTKA127DS160M6*
11	6710	89.89	81900	1.95	JRTKAF127DS160M6*
9.8	7320	146.07	81700	1.80	
11	6820	136.14	81800	1.90	JRTK127DS132M4*
12	6130	122.48	82000	2.1	JRTKF127DS132M4*
13	5520	110.18	82200	2.4	JRTKA127DS132M4*
16	4500	89.89	82400	2.9	JRTKAF127DS132M4*
17	4110	81.98	82500	3.2	
20	3550	70.95	82600	3.7	
10	7190	143.47	65000	1.10	JRTK107DS132M4*
12	6080	121.46	65000	1.30	JRTKF107DS132M4*
13	5630	112.41	65000	1.40	JRTKA107DS132M4*
					JRTKAF107DS132M4*
14	5050	100.75	65000	1.60	
16	4560	90.96	64200	1.75	
17	4140	82.61	63200	1.95	JRTK107DS132M4*
20	3670	73.30	61900	2.2	JRTKF107DS132M4*
22	3330	66.52	60900	2.4	JRTKA107DS132M4*
25	2860	57.17	59100	2.8	JRTKAF107DS132M4*
29	2500	49.90	57500	3.1	
34	2120	42.33	55500	3.5	
39	1850	37.00	53800	3.9	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>7.5kW</b>					
15	4850	96.80	38300	0.90	
17	4330	86.52	38300	1.00	JRTK97DS132M4*
18	3900	77.89	38100	1.10	JRTKF97DS132M4*
20	3530	70.54	37900	1.20	JRTKA97DS132M4*
23	3130	62.55	37500	1.35	JRTKAF97DS132M4*
25	2830	56.55	37100	1.50	JRTK97DS132M4*
30	2400	47.93	36400	1.80	JRTKF97DS132M4*
34	2100	41.87	35600	2.1	JRTKA97DS132M4*
37	1920	38.30	35100	2.2	JRTKAF97DS132M4*
42	1710	34.23	34400	2.5	
23	3160	63.00	24100	0.85	JRTK87DS132M4*
25	2840	56.64	24200	0.95	JRTKF87DS132M4*
29	2460	49.16	24200	1.10	JRTKA87DS132M4*
32	2200	44.02	24200	1.20	JRTKAF87DS132M4*
39	1830	36.52	23900	1.35	
46	1570	31.39	23500	1.70	
51	1400	27.88	23200	1.85	
57	1250	24.92	22800	2.0	JRTK87DS132M4*
64	1120	22.41	22500	2.1	JRTKF87DS132M4*
74	970	19.45	21900	2.4	JRTKA87DS132M4*
82	870	17.42	21500	2.5	JRTKAF87DS132M4*
89	800	16.00	20600	2.3	
99	725	14.45	20700	2.9	
46	1550	30.89	15400	1.00	JRTK77DS132M4*
49	1470	29.27	16000	1.05	JRTKF77DS132M4*
56	1280	25.62	17000	1.20	JRTKA77DS132M4*
62	1160	23.08	17700	1.35	JRTKAF77DS132M4*
71	1010	20.25	18300	1.50	
80	890	17.87	18600	1.60	
90	795	15.84	18200	1.75	
106	675	13.52	17800	2.0	JRTK77DS132M4*
116	620	12.36	17000	1.60	JRTKF77DS132M4*
132	545	10.84	16700	1.80	JRTKA77DS132M4*
150	480	9.56	16300	1.95	JRTKAF77DS132M4*
169	425	8.48	15900	2.1	
198	365	7.24	15400	2.3	
<b>9.2kW</b>					
1.7	46700	835	190000	1.05	
2.0	40600	729	190000	1.25	
2.3	34600	622	190000	1.45	JRTK187R107DS160S4*
2.8	29400	520	190000	1.70	JRTKH187R107DS160S4*
3.2	25600	454	190000	1.95	
1.4	58900	1046	190000	0.85	
1.5	53200	945	190000	0.95	
2.0	41600	738	190000	1.20	JRTK187R97DS160S4*
2.3	34900	621	190000	1.45	JRTKH187R97DS160S4*
2.7	29500	527	190000	1.70	
4.5	18000	318	150000	1.80	
5.2	15600	278	150000	2.1	JRTK167R107DS160S4*
5.9	13500	244	150000	2.4	JRTKH167R107DS160S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>9.2kW</b>					
6.8	11800	213	150000	2.7	JRTK167R107DS160S4*
7.0	11500	206	150000	2.8	JRTKH167R107DS160S4*
2.3	35600	632	150000	0.90	
2.6	31400	561	150000	1.00	JRTK167R97DS160S4*
3.0	27100	481	150000	1.20	JRTKH167R97DS160S4*
3.4	23700	423	150000	1.35	
3.9	20700	369	150000	1.55	
3.7	21300	385	110400	0.85	JRTK157R107DS160S4*
4.4	17900	325	112300	1.00	JRTKF157R107DS160S4*
4.8	16600	299	112800	1.10	JRTKA157R107DS160S4*
5.7	14100	253	114000	1.3	JRTKAF157R107DS160S4*
6.2	12600	230	114500	1.40	
					JRTK157R97DS160S4*
3.8	21200	379	110400	0.85	JRTKF157R97DS160S4*
4.3	18700	333	111800	0.95	JRTKA157R97DS160S4*
4.9	16300	291	11300	1.10	JRTKAF157R97DS160S4*
					JRTK127R87DS160S4*
5.7	14300	253	77400	0.90	JRTK127R87DS160S4*
6.8	12000	213	79700	1.10	JRTKF127R87DS160S4*
7.2	11400	200	80000	1.05	JRTKA127R87DS160S4*
8.7	9460	166	80900	1.25	JRTKAF127R87DS160S4*
9.8	8350	147	81300	1.45	
11	8310	136.14	81300	1.55	JRTK127DS160S4*
12	7470	122.48	81600	1.75	JRTKF127DS160S4*
13	6720	110.18	81900	1.95	JRTKA127DS160S4*
16	5480	89.89	82200	2.4	JRTKAF127DS160S4*
18	5000	81.98	82300	2.6	
					JRTK107DS160S4*
13	6860	112.41	62400	1.15	JRTKF107DS160S4*
14	6150	100.75	61800	1.30	JRTKA107DS160S4*
16	5550	90.96	61100	1.45	JRTKAF107DS160S4*
17	5040	82.61	60400	1.60	
20	4470	73.30	59400	1.80	JRTK107DS160S4*
22	4060	66.52	58600	1.95	JRTKF107DS160S4*
25	3490	57.17	57100	2.3	JRTKA107DS160S4*
29	3040	49.90	55700	2.6	JRTKAF107DS160S4*
34	2580	42.33	54000	2.8	
18	4750	77.89	35100	0.90	JRTK97DS160S4*
20	4300	70.54	35100	1.00	JRTKF97DS160S4*
23	3820	62.55	35100	1.15	JRTKA97DS160S4*
25	3450	56.55	34900	1.25	JRTKAF97DS160S4*
30	2920	47.93	34400	1.45	
34	2550	41.87	34000	1.70	JRTK97DS160S4*
38	2340	38.30	33600	1.85	JRTKF97DS160S4*
42	2090	34.23	33100	2.1	JRTKA97DS160S4*
47	1880	30.82	32500	2.3	JRTKAF97DS160S4*
52	1700	27.91	32000	2.5	
58	1510	24.75	31300	2.9	
29	3000	49.16	22000	0.90	JRTK87DS160S4*
33	2690	44.02	22200	0.95	JRTKF87DS160S4*
39	2230	36.52	22200	1.10	JRTKA87DS160S4*
46	1910	31.39	22100	1.40	JRTKAF87DS160S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>9.2kW</b>					
52	1700	27.88	21900	1.55	
58	1520	24.92	21700	1.65	
64	1370	22.41	21400	1.70	
74	1190	19.45	21000	1.95	JRTK87DS160S4*
83	1060	17.42	20700	2.1	JRTKF87DS160S4*
90	980	16.00	19700	1.85	JRTKA87DS160S4*
100	880	14.45	20000	2.4	JRTKAF87DS160S4*
115	765	12.56	19500	2.6	
129	680	11.17	18600	2.2	
144	610	10.00	18200	2.5	
62	1410	23.08	16300	1.10	JRTK77DS160S4*
71	1240	20.25	17300	1.20	JRTKF77DS160S4*
81	1090	17.87	17600	1.35	JRTKA77DS160S4*
91	970	15.84	17400	1.45	JRTKAF77DS160S4*
107	820	13.52	17000	1.60	
117	755	12.36	16300	1.35	JRTK77DS160S4*
133	660	10.84	16000	1.50	JRTKF77DS160S4*
151	585	9.56	15700	1.60	JRTKA77DS160S4*
170	515	8.48	15400	1.70	JRTKAF77DS160S4*
199	440	7.24	14900	1.85	
<b>11.0kW</b>					
1.7	56000	835	190000	0.90	
2.0	48700	729	190000	1.05	JRTK187R107DS160M4*
2.3	41600	622	190000	1.20	
2.8	35200	520	190000	1.4	JRTKH187R107DS160M4*
3.2	30700	454	190000	1.65	
4.1	23700	355	190000	2.1	
2.0	49800	738	190000	1.00	JRTK187R97DS160M4*
2.3	41800	621	190000	1.20	JRTKH187R97DS160M4*
2.7	35400	527	190000	1.40	
4.5	21500	318	150000	1.50	
5.2	18800	278	150000	1.70	JRTK167R107DS160M4*
5.9	16200	244	150000	1.95	JRTKH167R107DS160M4*
6.8	14200	213	150000	2.3	
7.0	13800	206	150000	2.3	
2.6	37600	561	150000	0.85	
3.0	32400	481	150000	1.00	JRTK167R97DS160M4*
3.4	28400	423	150000	1.15	JRTKH167R97DS160M4*
3.9	24800	369	150000	1.30	
					JRTK157R97DS160M4*
4.3	22400	333	109700	0.80	JRTKF157R97DS160M4*
4.9	19500	291	114000	0.90	JRTKA157R97DS160M4*
					JRTKAF157R97DS160M4*
6.8	14400	231	77200	0.90	JRTK127R87DS160M4*
7.2	13700	200	78600	0.90	JRTKF127R87DS160M4*
8.7	11300	166	80100	1.05	JRTKA127R87DS160M4*
9.8	10000	147	80700	1.20	JRTKAF127R87DS160M4*



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>11.0kW</b>					
5.3	19700	134.99	150000	1.60	JRTK167D180L8
6.6	16000	109.83	150000	2.0	JRTKH167D180L8
5.8	18000	164.50	150000	1.80	JRTK167DS180M6
7.1	14800	134.99	150000	2.2	JRTKH167DS180M6
8.8	12000	164.50	150000	2.7	JRTK167DS160M4*
11	9850	134.99	150000	3.3	JRTKH167DS160M4*
5.9	17900	122.39	112300	1.00	JRTK157D180L8
7.2	14600	100.22	113700	1.25	JRTKF157D180L8
7.9	13400	91.65	114200	1.35	JRTKA157D180L8
9.0	11600	79.75	114800	1.55	JRTKAF157D180L8
6.4	16500	150.41	112900	1.10	JRTK157DS180M6
7.8	13400	122.39	114200	1.35	JRTKF157DS180M6
9.6	11000	100.22	115000	1.65	JRTKA157DS180M6
10	10000	91.65	115300	1.80	JRTKAF157DS180M6
12	8730	79.75	115600	2.1	
9.6	11000	150.41	115000	1.65	JRTK157DS160M4*
12	8930	122.39	115600	2.0	JRTKF157DS160M4*
14	7310	100.22	115900	2.5	JRTKA157DS160M4*
16	6690	91.65	116000	2.7	JRTKAF157DS160M4*
11	9930	136.14	80700	1.30	
12	8930	122.48	81100	1.45	JRTK127DS160M4*
13	8040	110.18	81400	1.60	JRTKF127DS160M4*
16	6560	89.89	81900	2.0	JRTKA127DS160M4*
18	5980	81.98	82100	2.2	JRTKAF127DS160M4*
20	5180	70.95	82300	2.5	
13	8200	112.41	58400	1.00	JRTK107DS160M4*
14	7350	100.75	58300	1.10	JRTKF107DS160M4*
16	6630	90.96	58000	1.20	JRTKA107DS160M4*
17	6030	82.61	57500	1.35	JRTKAF107DS160M4*
20	5350	73.30	56900	1.50	
22	4850	66.52	56200	1.65	JRTK107DS160M4*
25	4170	57.17	55100	1.90	JRTKF107DS160M4*
29	3640	49.90	54000	2.2	JRTKA107DS160M4*
34	3090	42.33	52500	2.4	JRTKAF107DS160M4*
39	2700	37.00	51200	2.7	
20	5150	70.54	32200	0.85	JRTK97DS160M4*
23	4560	62.52	32500	0.95	JRTKF97DS160M4*
25	4130	56.55	32500	1.05	JRTKA97DS160M4*
30	3500	47.93	32500	1.25	JRTKAF97DS160M4*
34	3050	41.87	32200	1.40	
38	2790	38.30	32000	1.55	JRTK97DS160M4*
42	2500	34.23	31600	1.70	JRTKF97DS160M4*
47	2250	30.82	31300	1.90	JRTKA97DS160M4*
52	2040	27.91	30800	2.1	JRTKAF97DS160M4*
58	1800	24.75	30300	2.4	
64	1630	22.37	29800	2.6	
33	3210	44.02	20000	0.80	JRTK87DS160M4*
39	2660	36.52	20400	0.95	JRTKF87DS160M4*
					JRTKA87DS160M4*
46	2290	31.39	20600	1.20	JRTKAF87DS160M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>11.0kW</b>					
52	2030	27.88	20600	1.30	JRTK87DS160M4*
58	1820	24.92	20500	1.40	JRTKF87DS160M4*
					JRTKA87DS160M4*
					JRTKAF87DS160M4*
64	1630	22.41	20300	1.40	
74	1420	19.45	20100	1.60	
83	1270	17.42	19800	1.75	
90	1170	16.00	18800	1.55	JRTK87DS160M4*
100	1050	14.45	19400	2.0	JRTKF87DS160M4*
115	920	12.56	18900	2.2	JRTKA87DS160M4*
129	810	11.17	18000	1.85	JRTKAF87DS160M4*
144	730	10.00	17700	2.1	
174	605	8.29	17100	2.3	
200	525	7.21	16700	2.5	
62	1680	23.08	14400	0.90	
71	1480	20.25	15900	1.00	
81	1300	17.87	16600	1.10	
97	1160	15.84	16500	1.20	JRTK77DS160M4*
107	990	13.52	16300	1.35	JRTKF77DS160M4*
117	900	12.36	15500	1.10	JRTKA77DS160M4*
133	790	10.84	15300	1.25	JRTKAF77DS160M4*
151	700	9.56	15100	1.35	
170	620	8.48	14800	1.45	
199	530	7.24	14500	1.55	
<b>15.0kW</b>					
2.3	56200	622	190000	0.90	
2.8	47600	520	190000	1.05	
3.2	41400	454	190000	1.20	JRTK187R107DS180S4*
4.1	32000	355	190000	1.55	JRTKH187R107DS180S4
5.6	23800	261	190000	2.1	
4.6	29100	318	150000	1.10	
5.3	25300	278	150000	1.25	
6.0	22000	244	150000	1.45	JRTK167R107DS180S4*
6.8	19200	213	150000	1.65	JRTKH167R107DS180S4
7.1	18700	206	150000	1.7	
8.1	16100	180	150000	2	
9.1	14600	160	150000	2.2	
6.3	20600	230	110800	0.85	
6.9	19400	213	111500	0.95	JRTK157R107DS180S4*
7.8	16700	187	112800	1.05	JRTKF157R107DS180S4*
9.3	14200	157	113900	1.25	JRTKA157R107DS180S4*
12	11100	122	115000	1.65	JRTKAF157R107DS180S4
14	9710	107	115400	1.85	
5.4	26600	179.86	190000	1.90	JRTK187DS180L6
5.9	24400	165.21	190000	2.1	JRTKH187DS180L6
7.2	19900	134.99	150000	1.60	JRTK167DS180L6
8.8	16200	109.83	150000	1.95	JRTKH167DS180L6
8.9	16100	164.50	150000	2.0	JRTK167DS180S4*
11	13200	134.99	150000	2.4	JRTKH167DS180S4*
7.9	18100	122.39	112200	1.00	JRTK157DS180L6
9.7	14800	100.22	113700	1.20	JRTKF157DS180L6
					JRTKA157DS180L6
11	13500	91.65	114100	1.35	JRTKAF157DS180L6



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>15.0kW</b>					
					JRTK157DS180L6
12	11800	79.75	114800	1.55	JRTKF157DS180L6
14	10400	70.38	115200	1.75	JRTKA157DS180L6
					JRTKAF157DS180L6
9.7	14800	150.41	113700	1.20	
12	12000	122.39	114700	1.50	JRTK157DS180S4*
15	9830	100.22	114200	1.85	JRTKF157DS180S4*
16	8990	91.65	112500	2.0	JRTKA157DS180S4*
18	7820	79.75	109600	2.3	JRTKAF157DS180S4*
11	13400	136.14	79000	0.95	JRTK127 DS180S4*
12	12000	122.48	79700	1.10	JRTKF127 DS180S4*
13	10800	110.18	80300	1.20	JRTKA127 DS180S4*
					JRTKAF127 DS180S4*
16	8820	89.89	81200	1.45	
18	8040	81.98	81400	1.60	JRTK127DS180S4*
21	6960	70.95	81600	1.85	JHTKF127DS180S4*
23	6140	62.60	80000	2.1	JRTKA127DS180S4*
27	5300	54.07	78000	2.5	JRTKAF127DS180S4*
31	4690	47.82	76200	2.8	
16	8920	90.96	50900	0.90	JRTK107DS180S4*
18	8110	82.61	51100	1.00	JRTKF107DS180S4*
20	7190	73.30	51200	1.10	JRTKA107DS180S4*
22	6530	66.52	51000	1.25	JRTKAF107DS180S4*
26	5610	57.17	50600	1.45	
29	4900	49.90	50000	1.60	
34	4150	42.33	49100	1.75	JRTK107DS180S4*
39	3630	37.00	48200	2.0	JRTKF107 DS180S4*
45	3210	32.69	47300	2.3	JRTKA107 DS180S4*
47	3070	31.28	47000	2.2	JRTKAF107DS180S4*
50	2840	29.00	46400	2.5	
30	4700	47.93	28100	0.90	JRTK97DS180S4*
35	4110	41.87	28400	1.05	JRTKF97DS180S4*
38	3760	38.30	28500	1.15	JRTKA97DS180S4*
43	3360	34.23	28500	1.30	JRTKAF97DS180S4*
47	3020	30.82	28400	1.40	
52	2740	27.91	28300	1.55	JRTK97DS180S4*
59	2430	24.75	28000	1.75	JRTKF97DS180S4*
65	2190	22.37	27700	1.95	JRTKA97DS180S4*
77	1860	18.96	27200	2.3	JRTKAF97DS180S4*
88	1620	16.56	26600	2.7	
47	3080	31.39	17300	0.90	
52	2730	27.88	17600	0.95	JRTK87 DS180S4*
59	2440	24.92	17800	1.00	JRTKF87 DS180S4*
65	2200	22.41	18000	1.05	JRTKA87 DS180S4*
75	1910	19.45	18000	1.20	JRTKAF87DS180S4*
84	1710	17.42	18000	1.3	
91	1570	16.00	16800	1.15	JRTK87DS180S4*
101	1420	14.45	17800	1.50	JRTKF87DS180S4*
116	1230	12.56	17600	1.60	JRTKA87DS180S4*
					JRTKAF87DS180S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n <sub>a</sub>	T <sub>a</sub>	i	F <sub>RA</sub>	f <sub>B</sub>	
[toeren/min]	[Nm]		[N]		
<b>15.0kW</b>					
131	1100	11.17	16600	1.35	JRTK87DS180S4*
146	980	10.00	16400	1.55	JRTKF87DS180S4*
176	810	8.29	16000	1.70	JRTKA87DS180S4*
202	705	7.21	15700	1.85	JRTKAF87DS180S4*
<b>18.5kW</b>					
2.8	58600	520	190000	0.85	
3.2	51100	454	190000	1.00	JRTK187R107DS180M4*
4.1	39500	355	190000	1.25	JRTKH187R107DS180M4*
5.6	29400	261	190000	1.70	
6.6	24800	221	190000	2.0	
4.6	35800	318	150000	0.90	
5.3	31200	278	150000	1	
6.0	27100	244	150000	1.20	
6.9	23600	213	150000	1.35	JRTK167R107 DS180M4*
7.1	23000	206	150000	1.40	JRTKH167R107DS180M4*
8.1	19900	180	150000	1.60	
9.2	18000	160	150000	1.80	
11	15200	135	150000	2.1	
12	13200	118	150000	2.4	
7.8	20700	187	110700	0.85	JRTK157R107
9.3	17500	157	112400	1.05	JRTKF157R107
12	13700	122	113900	1.35	JRTKA157R107
14	12000	107	112000	1.50	JRTKAF157R107
5.4	32800	179.86	190000	1.55	
5.9	30100	165.21	190000	1.65	JRTK187DS200LS6
6.7	26300	144.59	190000	1.90	JRTKH187DS200LS6
7.5	23600	129.69	190000	2.1	
8.1	21700	179.86	190000	2.3	
8.9	19900	165.21	190000	2.5	JRTK187DS180M4*
10	17400	144.59	190000	2.9	JRTKH187DS180M4*
11	15600	129.69	190000	3.2	
11	16300	134.99	150000	1.95	JRTK167DS180M4*
13	13200	109.83	150000	2.4	JRTKH167DS180M4*
17	10600	87.86	150000	3.0	
9.7	18300	100.22	112100	1.00	JRTK157DS200LS6
11	16700	91.65	112800	1.10	JRTKF157DS200LS6
12	14500	79.75	111500	1.25	JRTKA157DS200LS6
14	12800	70.38	109900	1.40	JRTKAF157DS200LS6
12	14800	122.39	111600	1.20	
15	12100	100.22	109100	1.50	
16	11100	91.65	107800	1.65	JRTK157DS180M4*
18	9620	79.75	105600	1.85	JRTKF157DS180M4*
21	8490	70.38	103400	2.1	JRTKA157DS180M4*
24	7360	61.02	100700	2.5	JRTKAF157DS180M4*
27	6550	54.29	98500	2.8	
31	5640	46.79	95500	3.2	
39	4580	38.02	91300	3.9	
13	13300	110.18	79000	1.00	JRTK127DS180M4*
16	10800	89.89	79000	1.20	JRTKF127DS180M4*
18	9890	81.98	78500	1.30	JRTKA127DS180M4*
					JRTKAF127DS180M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>18.5kW</b>					
21	8560	70.95	77500	1.50	
23	7550	62.60	76400	1.70	
27	6520	54.07	74800	2.0	JRTK127DS180M4*
31	5770	47.82	73400	2.2	JRTKF127DS180M4*
36	4850	40.19	71300	2.7	JRTKA127DS180M4*
40	4370	36.25	69900	3.0	JRTKAF127DS180M4*
47	3780	31.37	68000	3.4	
53	3340	27.68	66200	3.9	
20	8840	73.30	46300	0.90	JRTK107DS180M4*
22	8020	66.52	46600	1.00	JRTKF107DS180M4*
26	6890	57.17	46800	1.15	JRTKA107DS180M4*
29	6020	49.90	46700	1.30	JRTKAF107DS180M4*
35	5100	42.33	46300	1.45	
40	4460	37.00	45700	1.60	
45	3940	32.69	45100	1.85	JRTK107DS180M4*
47	3770	31.28	44900	1.80	JRTKF107DS180M4*
51	3500	29.00	44400	2.1	JRTKA107DS180M4*
56	3170	26.32	43800	2.3	JRTKAF107DS180M4*
65	2730	22.62	42700	2.6	
74	2380	19.74	41700	3.0	
88	2020	16.75	40400	3.5	
35	5050	41.87	25100	0.85	JRTK97DS180M4*
48	3720	30.82	26000	1.15	JRTKF97DS180M4*
53	3360	27.91	26000	1.30	JRTKA97DS180M4*
59	2980	24.75	26000	1.45	JRTKAF97DS180M4*
65	2700	22.37	25900	1.60	JRTK97DS180M4*
77	2290	18.96	25700	1.90	JRTKF97DS180M4*
88	2000	16.56	25300	2.2	JRTKA97DS180M4*
106	1670	13.85	24800	2.6	JRTKAF97DS180M4*
122	1450	11.99	24300	2.7	
59	3000	24.92	15600	0.85	
65	2700	22.41	15900	0.85	
75	2340	19.45	16200	1.00	
84	2100	17.42	16400	1.05	JRTK87DS180M4*
101	1740	14.45	16500	1.20	JRTKF87DS180M4*
117	1510	12.56	16400	1.30	JRTKA87DS180M4*
131	1350	11.17	15400	1.10	JRTKAF87DS180M4*
147	1210	10.00	15300	1.25	
177	1000	8.29	15100	1.40	
203	870	7.21	14900	1.50	
<b>22kW</b>					
3.2	60800	454	190000	0.8	
4.1	47100	355	190000	1.05	
5.6	35000	261	190000	1.45	JRTK187R107DS180L4*
6.6	29600	221	190000	1.70	JRTKH187R107DS180L4*
7.6	25800	193	190000	1.95	
8.9	21800	163	190000	2.3	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>22kW</b>					
5.3	37200	278	150000	0.85	
6.0	32300	244	150000	1.00	
6.9	28200	213	150000	1.15	
7.1	27500	206	150000	1.15	JRTK167R107DS180L4*
8.1	23800	180	150000	1.35	JRTKH167R107DS180L4*
9.2	21400	160	150000	1.50	
11	18100	135	150000	1.80	
12	15800	118	150000	2.0	
9.3	20900	157	109400	0.85	JRTK157R107DS180L4*
12	16400	122	108100	1.10	JRTKF157D107DS180L4*
14	14300	107	107000	1.25	JRTKA157D107DS180L4*
					JRTKAF157D107DS180L4*
5.4	39000	179.86	190000	1.30	
5.9	35800	165.21	190000	1.40	JRTK187DS200L6
6.7	31300	144.59	190000	1.60	JRTKH187DS200L6
7.5	28100	129.69	190000	1.80	
8.6	24400	112.60	190000	2.1	
8.1	25800	179.86	190000	1.95	
8.9	23700	165.21	190000	2.1	JRTK187DS180L4*
10	20700	144.59	190000	2.4	JRTKH187DS180L4*
11	18600	129.69	190000	2.7	
11	19400	134.99	150000	1.65	
13	15700	109.83	150000	2.0	JRTK167DS180L4*
17	12600	87.86	150000	2.5	JRTKH167DS180L4*
19	11200	78.14	150000	2.9	
9.7	21700	100.22	105900	0.85	JRTK157DS200L6
11	19900	91.65	105900	0.90	JRTKF157DS200L6
12	17300	79.75	105500	1.05	JRTKA157DS200L6
14	15200	70.38	104600	1.20	JRTKAF157DS200L6
16	13200	61.02	103300	1.35	
12	17600	122.39	105500	1.05	
15	14400	100.22	104100	1.25	
16	13100	91.65	103200	1.35	JRTK157DS180L4*
18	11400	79.75	101600	1.55	JRTKF157DS180L4*
21	10100	70.38	99800	1.80	JRTKA157DS180L4*
24	8750	61.02	97700	2.1	JRTKAF157DS180L4*
27	7790	54.29	95800	2.3	
31	6710	46.79	93200	2.7	
39	5450	38.02	89400	3.3	
16	12900	89.89	73900	1.00	JRTK127DS180L4*
18	11800	81.98	73800	1.10	JRTKF127DS180L4*
21	10200	70.95	73400	1.30	JRTKA127DS180L4*
23	8980	62.60	72800	1.45	JRTKAF127DS180L4*
27	7750	54.07	71700	1.70	JRTK127DS180L4*
31	6860	47.82	70700	1.90	JRTKF127DS180L4*
36	5760	40.19	69000	2.3	JRTKA127DS180L4*
40	5200	36.25	67800	2.5	JRTKAF127DS180L4*
47	4500	31.37	66200	2.9	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>22kW</b>					
53	3970	27.68	64600	3.3	JRTK127DS180L4*
61	3430	23.91	62800	3.8	JRTKF127DS180L4*
69	3030	21.15	61200	4.3	JRTKA127DS180L4*
					JRTKAF127DS180L4*
26	8200	57.17	43000	1.00	JRTK107DS180L4*
29	7160	49.90	43300	1.10	JRTKF107DS180L4*
35	6070	42.33	43400	1.20	JRTKA107DS180L4*
					JRTKAF107DS180L4*
40	5310	37.00	43200	1.35	
45	4690	32.69	42900	1.55	
47	4490	31.28	42800	1.50	
51	4160	29.00	42500	1.75	
56	3770	26.32	42000	1.90	
65	3240	22.62	41200	2.2	JRTK107DS180L4*
74	2830	19.74	40400	2.5	JRTKF107DS180L4*
88	2400	16.75	39300	2.9	JRTKA107DS180L4*
100	2100	14.64	38400	3.3	JRTKAF107DS180L4*
109	1930	13.43	36800	2.2	
125	1680	11.73	35900	2.6	
147	1430	9.94	34800	2.9	
48	4420	30.82	23500	0.95	JRTK97DS180L4*
53	4000	27.91	23800	1.05	JRTKF97DS180L4*
59	3550	24.75	24100	1.20	JRTKA97DS180L4*
65	3210	22.37	24200	1.35	JRTKAF97DS180L4*
77	2720	18.96	24100	1.60	
88	2370	16.56	24000	1.80	JRTK97DS180L4*
106	1990	13.85	23700	2.2	JRTKF97DS180L4*
122	1720	11.99	23300	2.3	JRTKA97DS180L4*
141	1490	10.41	21800	1.90	JRTKAF97DS180L4*
168	1250	8.71	21300	2.1	
75	2790	19.45	14400	0.80	
84	2500	17.42	14800	0.90	
101	2070	14.45	15100	1.00	JRTK87DS180L4*
117	1800	12.56	15300	1.10	JRTKF87DS180L4*
131	1600	11.17	14200	0.95	JRTKA87DS180L4*
147	1430	10.00	14200	1.05	JRTKAF87DS180L4*
177	1190	8.29	14300	1.20	
203	1030	7.21	14200	1.25	
<b>30kW</b>					
5.6	47700	261	190000	1.05	JRTK187R107DS200L4
6.6	40400	221	190000	1.25	JRTKH187R107DS200L4
7.6	35200	193	190000	1.4	
9.0	29700	163	190000	1.70	
6.9	38400	213	150000	0.85	
7.1	37500	206	150000	0.85	
8.7	32400	180	150000	1.00	JRTK167R107DS200L4
9.2	29100	160	150000	1.10	JRTKH167R107DS200L4
11	24700	135	150000	1.30	
12	21500	118	150000	1.50	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>30kW</b>					
8.2	35100	179.86	190000	1.45	
8.9	32200	165.21	190000	1.55	
10	28200	144.59	190000	1.75	
11	25300	129.69	190000	2.0	JRTK187DS200L4
13	21900	112.60	190000	2.3	JRTKH187DS200L4
14	19900	102.16	190000	2.5	
17	17200	88.00	190000	2.9	
13	21400	109.83	150000	1.50	
17	17100	87.86	150000	1.85	JRTK167DS200L4
19	15200	78.14	150000	2.1	JRTKH167DS200L4
22	13300	68.07	150000	2.4	
24	11800	60.74	150000	2.7	
15	19500	100.22	92700	0.90	
16	17900	91.65	92800	1.00	
18	15500	79.75	92400	1.15	JRTK157DS200L4
21	13700	70.38	91800	1.30	JRTKF157DS200L4
24	11900	61.02	90700	1.50	JRTKA157DS200L4
27	10600	54.29	89500	1.70	JRTKAF157DS200L4
31	9120	46.79	87800	1.95	
39	7410	38.02	85100	2.4	
47	6100	31.30	82200	3.0	
21	13800	70.95	64200	0.95	
23	12200	62.60	64600	1.05	
27	10500	54.07	64700	1.25	JRTK127DS200L4
31	9320	47.82	64400	1.40	JRTKF127DS200L4
37	7830	40.19	63700	1.65	JRTKA127DS200L4
41	7060	36.25	63100	1.85	JRTKAF127DS200L4
47	6110	31.37	62000	2.1	
53	5390	27.68	61000	2.4	
62	4660	23.91	59600	2.8	
35	8250	42.33	36100	0.90	JRTK107DS200L4
40	7210	37.00	37600	1.00	JRTKF107DS200L4
47	6100	31.28	38000	1.10	JRTKA107DS200L4
					JRTKAF107DS200L4
51	5650	29.00	38000	1.25	
56	5130	26.32	38000	1.40	
65	4410	22.62	37700	1.65	
74	3850	19.74	37400	1.85	
88	3260	16.75	36700	2.2	JRTK107DS200L4
100	2850	14.64	36100	2.4	JRTKF107DS200L4
109	2620	13.43	34400	1.65	JRTKA107DS200L4
125	2280	11.73	33800	1.90	JRTKAF107DS200L4
148	1940	9.94	33000	2.2	
169	1690	8.69	32200	2.4	
59	4820	24.75	19600	0.9	JRTK97DS200L4
66	4360	22.37	20100	1.00	JRTKF97DS200L4
78	3690	18.96	20700	1.15	JRTKA97DS200L4
89	3230	16.56	21000	1.35	JRTKAF97DS200L4
106	2700	13.85	21200	1.60	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>30kW</b>					JRTK97DS200L4
123	2340	11.99	21100	1.65	JRTKF97DS200L4
141	2030	10.41	19500	1.40	JRTKA97DS200L4
169	1700	8.71	10400	1.55	JRTKAF97DS200L4
<b>37kW</b>					JRTK187R107DS225S4
5.6	58000	261	176000	0.85	
6.6	49200	221	190000	1.00	JRTK187R107DS225S4
7.6	43000	193	190000	1.15	JRTKH187R107DS225S4
9.0	36300	163	190000	1.40	
8.1	40000	180	150000	0.80	
9.2	35500	160	150000	0.90	JRTK167R107DS225S4
11	30100	135	150000	1.05	JRTKH167R107DS225S4
12	26300	118	150000	1.20	
8.2	43200	179.86	190000	1.15	
8.9	39700	165.21	190000	1.25	
10	34800	144.59	190000	1.45	JRTK187 DS225S4
11	31200	129.69	190000	1.60	JRTKH187 DS225S4
13	27100	112.60	190000	1.85	
14	24600	102.16	190000	2.0	
17	21200	88.00	190000	2.4	
13	26400	109.83	150000	1.20	
17	21100	87.86	150000	1.50	
19	18800	78.14	150000	1.70	JRTK167DS225S4
22	16400	68.07	150000	1.95	JRTKH167DS225S4
24	14600	60.74	150000	2.2	
28	12400	51.77	150000	2.6	
16	22000	91.65	83600	0.80	JRTK157 DS225S4
18	19200	79.75	84500	0.95	JRTKF157 DS225S4
					JRTKA157 DS225S4
					JRTKAF157 DS225S4
21	16900	70.38	84800	1.05	
24	14700	61.02	84600	1.25	JRTK157 DS225S4
27	13000	54.29	84100	1.40	JRTKF157 DS225S4
31	11200	46.79	83200	1.60	JRTKA157 DS225S4
39	9140	38.02	81300	1.95	JRTKAF157 DS225S4
47	7520	31.30	79100	2.4	
23	15000	62.60	57500	0.85	JRTK127 DS225S4
27	13000	54.07	58500	1.00	JRTKF127 DS225S4
31	11500	47.82	59000	1.15	JRTKA127 DS225S4
37	9660	40.19	59100	1.35	JRTKAF127 DS225S4
41	8710	36.25	59000	1.50	
47	7540	31.37	58500	1.70	
53	6650	27.68	57800	1.95	
62	5740	23.91	56900	2.3	JRTK127 DS225S4
70	5080	21.15	56000	2.6	JRTKF127 DS225S4
83	4270	17.77	54500	3.0	JRTKA127 DS225S4
102	3450	14.35	52500	3.5	JRTKAF127 DS225S4
115	3070	12.79	50200	2.8	
137	2580	10.74	48600	3.1	
169	2090	8.68	46600	3.5	
40	8890	37.00	29000	0.80	JRTK107 DS225S4
47	7520	31.28	33000	0.90	JRTKF107 DS225S4
51	6970	29.00	34200	1.05	JRTKA107 DS225S4
56	6320	26.32	34500	1.15	JRTKAF107 DS225S4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>37kW</b>					
65	5440	22.62	34700	1.30	
74	4740	19.74	34500	1.50	
88	4020	16.75	34200	1.75	JRTK107 DS225S4
100	3520	14.64	34200	1.95	JRTKF107 DS225S4
109	3230	13.43	32300	1.35	JRTKA107 DS225S4
125	2820	11.73	32000	1.55	JRTKAF107 DS225S4
148	2390	9.94	31400	1.75	
169	2090	8.69	30900	1.95	
<b>45kW</b>					
6.6	59600	221	172600	0.85	JRTK187R107 DS225M4
7.6	52300	193	186100	1.95	JRTKH187R107 DS225M4
9.0	44200	163	190000	1.15	
11	36600	135	150000	0.85	JRTK167R107 DS225M4
12	32000	118	150000	1.00	JRTKH167R107 DS225M4
8.2	52600	179.86	185500	0.95	
8.9	48300	165.21	190000	1.05	
10	42300	144.59	190000	1.20	
11	37900	129.69	190000	1.30	JRTK187 DS225M4
13	32900	112.60	190000	1.50	JRTKH187 DS225M4
14	29900	102.16	190000	1.65	
17	25700	88.00	190000	1.95	
20	21600	73.96	187700	2.3	
13	32100	109.83	150000	1.00	
17	25700	87.86	150000	1.25	
19	22800	78.14	150000	1.40	JRTK167 DS225M4
22	19900	68.07	150000	1.60	JRTKH167 DS225M4
24	17800	60.74	149000	1.80	
28	15100	51.77	145300	2.1	
34	12500	42.89	140600	2.5	
21	20600	70.38	76800	0.85	
24	17800	61.02	77700	1.00	
27	15900	54.29	77900	1.15	
31	13700	46.79	77800	1.30	JRTK157 DS225M4
39	11100	38.02	76900	1.60	JRTKF157 DS225M4
47	9150	31.30	75500	1.95	JRTKA157 DS225M4
53	8080	27.62	74300	2.2	JRTKAF157 DS225M4
61	7000	23.95	72800	2.6	
69	6230	21.31	71500	2.9	
80	5370	18.37	69700	3.3	
31	14000	47.82	52800	0.95	JRTK127 DS225M4
37	11700	40.19	53900	1.10	JRTKF127 DS225M4
41	10600	36.25	54200	1.25	JRTKA127 DS225M4
					JRTKAF127 DS225M4
47	9170	31.37	54400	1.40	
53	8090	27.68	54200	1.60	
62	6990	23.91	53800	1.85	
70	6180	21.15	53200	2.1	JRTK127 DS225M4
83	5190	17.77	52200	2.5	JRTKF127 DS225M4
102	4190	14.35	50700	2.9	JRTKA127 DS225M4
115	3740	12.79	48300	2.3	JRTKAF127 DS225M4
137	3140	10.74	47000	2.5	
169	2540	8.68	45300	2.8	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>45kW</b>					
51	8480	29.00	25600	0.85	JRTK107DS225M4
56	7690	26.32	28300	0.95	JRTKF107DS225M4
65	6610	22.63	31000	1.10	JRTKA107DS225M4
74	5770	19.74	31700	1.25	JRTKAF107DS225M4
88	4890	16.75	31900	1.45	
100	4280	14.64	31900	1.60	JRTK107DS225M4
109	3930	13.43	29900	1.10	JRTKF107DS225M4
125	3430	11.73	29900	1.25	JRTKA107DS225M4
148	2910	9.94	29600	1.45	JRTKAF107DS225M4
169	2540	8.69	29300	1.60	
<b>55kW</b>					
10	51500	144.59	187400	0.95	
11	46200	129.69	190000	1.10	
13	40100	112.60	188500	1.25	JRTK187D250M4
14	36400	102.16	187100	1.35	JRTKH187D250M4
17	31300	88.00	184200	1.60	
20	26300	73.96	180200	1.90	
23	22800	64.04	176300	2.2	
17	31300	87.86	145300	1.00	
19	27800	78.14	144600	1.15	
22	24200	68.07	143300	1.30	JRTK167D250M4
24	21600	60.74	141700	1.50	JRTKH167D250M4
28	18400	51.77	139100	1.75	
34	15300	42.89	135400	2.1	
40	13000	36.61	131900	2.5	
24	21700	61.02	69000	0.85	
27	19300	54.29	70200	0.95	
32	16700	46.79	71200	1.10	
39	13500	38.02	71500	1.35	JRTK157D250M4
47	11100	31.30	71000	1.60	JRTKF157D250M4
53	9840	27.62	70400	1.85	JRTKA157D250M4
62	8530	23.95	69400	2.1	JRTKAF157D250M4
69	7590	21.31	68400	2.4	
80	6540	18.37	67000	2.8	
99	5310	14.92	64800	3.4	
117	4510	12.65	62900	3.8	
37	14300	40.19	47400	0.90	JRTK127D250M4
47	11200	31.37	49300	1.15	JRTKF127D250M4
53	9850	27.68	49700	1.30	JRTKA127D250M4
					JRTKAF127D250M4
62	8510	23.91	49900	1.55	
70	7530	21.15	49800	1.75	JRTK127D250M4
83	6330	17.77	49300	2.0	JRTKF127D250M4
103	5110	14.35	48300	2.4	JRTKA127D250M4
115	4550	12.79	45900	1.85	JRTKAF127D250M4
137	3830	10.74	45000	2.1	
170	3090	8.68	43600	2.3	
<b>75kW</b>					
11	62800	129.69	164100	0.80	JRTK187D280S4
13	54500	112.60	166100	0.92	JRTKH187D280S4
14	49400	102.16	166600	1.00	
17	42600	88.00	166600	1.15	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>75kW</b>					
20	35800	73.96	165300	1.40	
23	31000	64.04	163400	1.60	JRTK187D280S4
28	25800	53.36	160100	1.95	JRTKH187D280S4
33	22000	45.50	156700	2.3	
19	37800	78.14	126100	0.85	
22	32900	68.07	127100	0.95	
24	29400	60.74	127300	1.10	
29	25100	51.77	126800	1.30	JRTK167D280S4
35	20800	42.89	125200	1.55	JRTKH167D280S4
40	17700	36.61	123200	1.80	
46	15600	32.25	121300	2.0	
51	13900	28.77	119300	2.3	
60	11900	24.52	116300	2.7	
39	18400	38.02	60800	1.00	
47	15100	31.30	62200	1.20	
54	13400	27.62	62600	1.35	JRTK157D280S4
62	11600	23.95	62600	1.55	JRTKF157D280S4
69	10300	21.31	62400	1.75	JRTKA157D280S4
81	8890	18.37	61800	2.0	JRTKAF157D280S4
99	7220	14.92	60500	2.5	
117	6120	12.65	59300	2.8	
47	15200	31.37	39200	0.85	
53	13400	27.68	40800	0.95	
62	11600	23.91	42200	1.10	JRTK127D280S4
70	10200	21.15	42900	1.25	JRTKF127D280S4
83	8600	17.77	43500	1.50	JRTKA127D280S4
103	6940	14.35	43700	1.75	JRTKAF127D280S4
116	6190	12.79	41100	1.40	
138	5200	10.74	41000	1.55	
171	4200	8.68	40400	1.70	
<b>90kW</b>					
14	59300	102.16	151300	0.85	
17	51100	88.00	153400	1.00	
20	42900	73.96	154200	1.15	
23	37200	64.04	153800	1.35	JRTK187D280M4
28	31000	53.36	152200	1.60	JRTKH187D280M4
33	26400	45.50	149900	1.90	
35	24700	42.51	148700	2.0	
38	22400	38.57	146900	2.2	
22	39500	68.07	115100	0.80	
24	35300	60.74	116600	0.90	
29	30100	51.77	117600	1.05	
35	24900	42.89	117600	1.30	
40	21300	36.61	116700	1.50	JRTK167D280M4
46	18700	32.25	115500	1.70	JRTKH167D280M4
51	16700	28.77	114200	1.90	
60	14200	24.52	111900	2.2	
73	11800	20.32	108800	2.7	
85	10100	17.34	106000	3.2	



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>90kW</b>					
39	22100	38.02	52700	0.80	
47	18200	31.30	55500	1.00	
54	16000	27.62	56700	1.10	JRTK157D280M4
62	13900	23.95	57500	1.30	JRTKF157D280M4
69	12400	21.31	57900	1.45	JRTKA157D280M4
81	10700	18.37	57900	1.70	JRTKAF157D280M4
99	8670	14.92	57400	2.1	
117	7350	12.65	56600	2.3	
62	13900	23.91	36400	0.95	
70	12300	21.15	37800	1.05	JRTK127D280M4
83	10300	17.77	39200	1.25	JRTKF127D280M4
103	8330	14.35	40200	1.45	JRTKA127D280M4
116	7420	12.79	37600	1.15	JRTKAF127D280M4
138	6240	10.74	38000	1.30	
171	5040	8.68	38000	1.45	
<b>110kW</b>					
17	62300	88.00	136000	0.80	
20	52300	73.96	139500	0.95	
23	45300	64.04	141000	1.10	
28	37700	53.36	141500	1.30	JRTK187D315S4
33	32200	45.50	140800	1.55	JRTKH187D315S4
35	30100	42.51	140200	1.65	
39	27300	38.57	139100	1.85	
45	23500	33.23	137000	2.1	
53	19800	27.92	134000	2.5	
29	36600	51.77	105500	0.85	
35	30300	42.89	107500	1.05	
41	25900	36.61	108100	1.25	
46	22800	32.25	107900	1.40	JRTK167D315S4
52	20400	28.77	107400	1.55	JRTKH167D315S4
61	17300	24.52	106100	1.85	
73	14400	20.32	104000	2.2	
86	12300	17.34	101800	2.6	
62	16900	23.95	50800	1.05	JRTK157D315S4
70	15100	21.31	51900	1.20	JRTKF157D315S4
81	13000	18.37	52700	1.40	JRTKA157D315S4
100	10600	14.92	53100	1.70	JRTKAF157D315S4
117	8950	12.65	53000	1.90	
<b>132kW</b>					
20	62800	73.96	123300	0.80	
23	54400	64.04	127000	0.90	
28	45300	53.36	129800	1.10	
33	38600	45.50	130800	1.30	
35	36100	42.51	130900	1.40	JRTK187D315M4
39	32700	38.57	130700	1.55	JRTKH187D315M4
45	28200	33.23	129800	1.75	
53	23700	27.92	127900	2.1	
61	20500	24.18	125900	2.3	
74	17100	20.15	122800	2.6	
86	14600	17.18	119700	2.8	

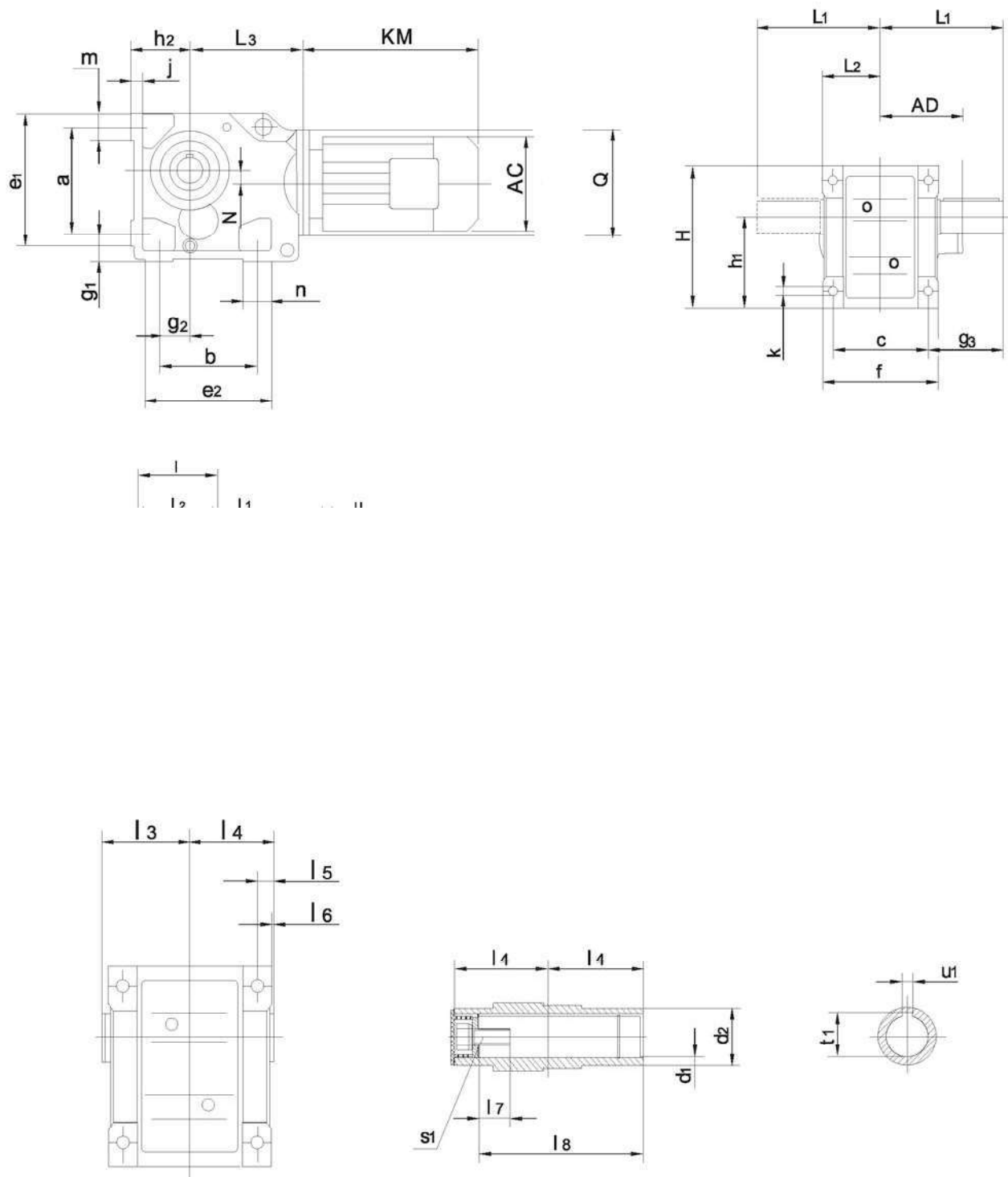
uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
$n_a$	$T_a$	$i$	FRA	$f_B$	
[toeren/min]	[Nm]		[N]		
<b>132kW</b>					
35	36400	42.89	96400	0.90	
41	31100	36.61	98600	1.05	
46	27400	32.25	99600	1.15	JRTK167D315M4
52	24400	28.77	99900	1.30	JRTKH167D315M4
61	20800	24.52	99800	1.55	
73	17200	20.32	98700	1.85	
86	14700	17.34	97300	2.2	
62	20300	23.95	43400	0.90	JRTK157D315M4
70	18100	21.31	45300	1.00	JRTKF157D315M4
81	15600	18.37	47000	1.15	JRTKA157D315M4
100	12700	14.92	48500	1.40	JRTKAF157D315M4
117	10700	12.65	49100	1.60	
<b>160kW</b>					
28	54900	53.36	114900	0.90	
33	46800	45.50	118100	1.05	
45	34200	33.23	120500	1.45	JRTK187D315M4a
53	28700	27.92	120100	1.75	JRTKH187D315M4a
61	24900	24.18	119100	1.90	
74	20700	20.15	117200	2.1	
86	17700	17.18	114900	2.3	
41	37700	36.61	86500	0.85	
61	25200	24.52	91700	1.25	JRTK167D315M4a
73	20900	20.32	92000	1.55	JRTKH167D315M4a
86	17800	17.34	91600	1.80	
81	18900	18.37	39800	0.95	JRTK157D315M4a
100	15400	14.92	42600	1.15	JRTKF157D315M4a
117	13000	12.65	44100	1.30	JRTKA157D315M4a
					JRTKAF157D315M4a
<b>200kW</b>					
33	58500	45.50	100000	0.85	
45	42700	33.23	107300	1.15	
53	35900	27.92	109000	1.40	JRTK187D315M4b
61	31100	24.18	109500	1.55	JRTKH187D315M4b
74	25900	20.15	109100	1.70	
86	22100	17.18	108100	1.85	
61	31500	24.52	80100	1.00	JRTK167D315M4b
73	26100	20.32	82400	1.20	JRTKH167D315M4b
86	22300	17.34	83400	1.45	
100	19200	14.92	34200	0.95	JRTK157D315M4b
117	16300	12.65	36900	1.05	JRTKF157D315M4b
					JRTKA157D315M4b
					JRTKAF157D315M4b



## 8.5 Afmetingen

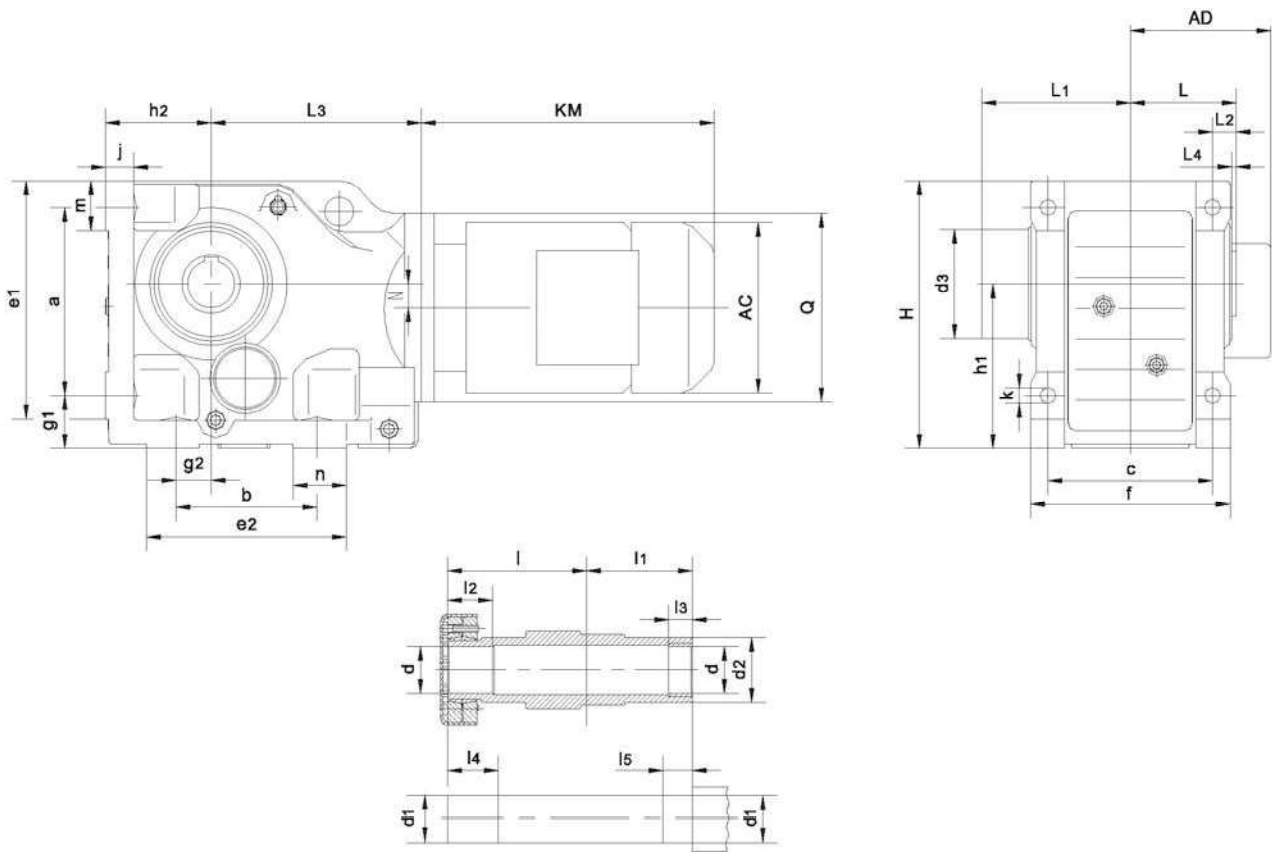
- |                           |                           |                |
|---------------------------|---------------------------|----------------|
| 1. JRTK37..-JRTK157..     | 5. JRTKAF37..-JRTKAF157.. | 9. JRTK187..   |
| 2. JRTKA47B..-JRTKA157B.. | 6. JRTKA127..             | 10. JRTK..AD.. |
| 3. JRTKA37..-JRTKA107..   | 7. JRTKA157..             | 11. JRTK..AM.. |
| 4. JRTKF37..-JRTKF157..   | 8. JRTK167..              | 12. JRTK..R..  |

### JRTK37..~JRTK157..

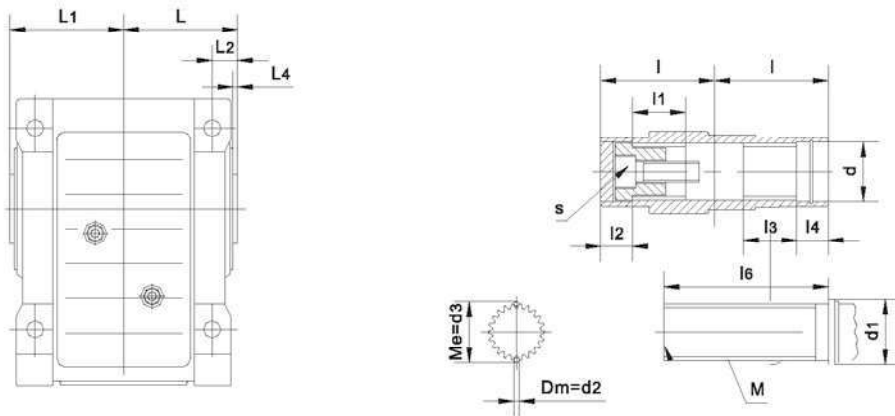


Type	a b c	e <sub>1</sub> e <sub>2</sub> f	g <sub>1</sub> g <sub>2</sub> g <sub>3</sub>	h <sub>1</sub> h <sub>2</sub>	j	k	m n	Asafmeting				
								d	l	l <sub>1</sub> l <sub>2</sub>	s	t u
JRTK37..	115 110 100	150 143 120	32 28 60	100 <sup>-0.5</sup> 63 <sup>-0.5</sup>	16	11	37 38	25k6	50	5 40	M10	28 8
JRTK47.. JRTKA47B..	130 130 120	170 162 145	37 35 75	112 <sup>-0.5</sup> 71 <sup>-0.5</sup>	18	11	37 32	30k6	60	3.5 50	M10	33 8
JRTK57.. JRTKA57B..	150 130 130	190 172 157	45 30 88	132 <sup>-0.5</sup> 80 <sup>-0.5</sup>	21	13.5	43 40	35k6	70	7 56	M12	38 10
JRTK67.. JRTKA67B..	160 120 140	203 170 170	45 30 101	140 <sup>-0.5</sup> 90 <sup>-0.5</sup>	24	13.5	43 45	40k6	80	5 70	M16	43 12
JRTK77.. JRTKA77B..	200 150 165	263 208 200	55 40 123.5	180 <sup>-0.5</sup> 112 <sup>-0.5</sup>	27	17.5	55 55	50k6	100	10 80	M16	53.5 14
JRTK87.. JRTKA87B..	233 180 180	305 260 230	70 55 150	212 <sup>0.5</sup> 132 <sup>-0.5</sup>	32	22	67 75	60m6	120	5 110	M20	64 18
JRTK97.. JRTKA97B..	295 240 240	372 294 290	75 75 171	265 <sup>-1</sup> 160 <sup>-0.5</sup>	36	26	82 60	70m6	140	7.5 125	M20	74.5 20
JRTK107.. JRTKA107B..	360 280 270	448 380 340	95 95 212	315 <sup>-1</sup> 200 <sup>-0.5</sup>	40	33	98 100	90m6	170	5 160	M24	95 25
JRTK127.. JRTKA127B..	420 350 330	526 440 400	110 115 253	375 <sup>-1</sup> 225 <sup>-0.5</sup>	45	39	111 100	110m6	210	15 180	M24	116 28
JRTK157.. JRTKA157B..	500 380 420	634 480 500	130 140 247	450 <sup>-1</sup> 280 <sup>-1</sup>	50	39	130 100	120m6	210	5 200	M24	127 32
Holle asafmeting												
Type	d <sub>1</sub>	d <sub>2</sub>	l <sub>3</sub> l <sub>4</sub>	l <sub>5</sub> l <sub>6</sub>	l <sub>7</sub> l <sub>8</sub>	s <sub>1</sub>	t <sub>1</sub> u <sub>1</sub>	H	L <sub>1</sub> L <sub>2</sub>	L <sub>3</sub>	N	Q
JRTK37..	--	--	--	--	--	--	--	165	110 60	139	8.5	120
JRTK47.. JRTKA47B..	35H7	50	78 75	15 3	22 132	M12 X 30	38.3 10	185	135 72	166	7.2	160
JRTK57.. JRTKA57B..	40H7	55	86 83	18 3	29 142	M16 X 40	43.3 12	217	153 80	173	13.1	160
JRTK67.. JRTKA67B..	40H7	55	93 90	20 3.5	29 156	M16 X 40	43.3 12	228	171 86.5	179	20	160
JRTK77.. JRTKA77B..	50H7	70	108 105	22.5 4	32 183	M16 X 45	53.8 14	288	206 101	202	31.3	200
JRTK87.. JRTKA87B..	60H7	85	123 120	30 4	36 210	M20 X 50	64.4 18	340	240 116	257	25.9	250
JRTK97.. JRTKA97B..	70H7	95	153 150	30 4	34 270	M20 X 50	74.9 20	417	291 146	277	32.3	300
JRTK107.. JRTKA107B..	90H7	118	178 175	40 2.5	40 313	M24 X 60	95.4 25	503	347 175	341	52	350
JRTK127.. JRTKA127B..	100H7	135	208 205	40 2.5	38 373	M24 X 60	106.4 28	592	418 203	390	53	450
JRTK157.. JRTKA157B..	120H7	155	253 250	40	36 460	M24 X 60	127.4 32	705	457 250	426	71.7	550

## JRTKH47B..~JRTKH157B..



## JRTKV47B..~JRTKV107B..



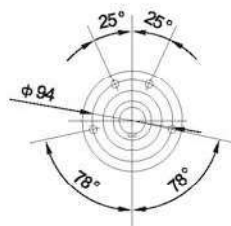
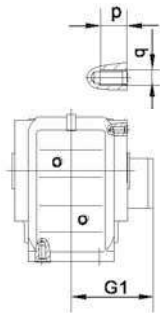
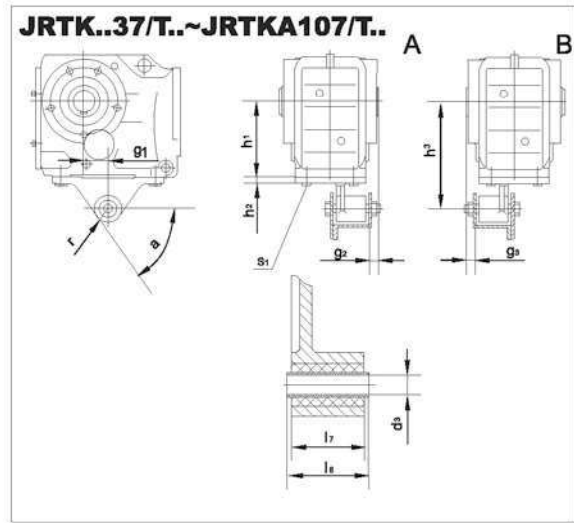
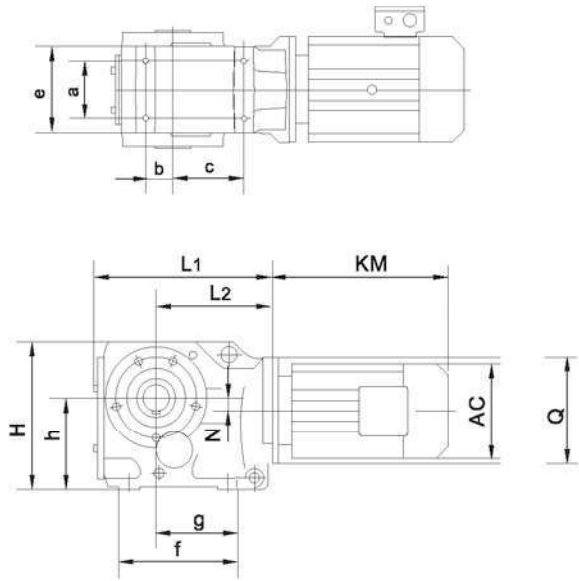


Type	a b c	e <sub>1</sub> e <sub>2</sub> f	g <sub>1</sub> g <sub>2</sub>	h <sub>1</sub> h <sub>2</sub>	j	k	m n	Asafmeting					
								l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	
JRTKH47B..	130	170	37	112 <sup>-0.5</sup>	18	11	37	102	75	32	20	37	
JRTKV47B..	130 120	162 145	35	71 <sup>-0.5</sup>				75	32	18	32	18	
JRTKH57B..	150	190	45	132 <sup>-0.5</sup>	21	13.5	43	112	83	26	20	31	
JRTKV57B..	130 130	172 157	30	80 <sup>-0.5</sup>				83	32	18	32	18	
JRTKH67B..	160	203	45	140 <sup>-0.5</sup>	24	13.5	43	118	90	38	20	43	
JRTKV67B..	120 140	170 170	30	90 <sup>-0.5</sup>				90	42	25	42	25	
JRTKH77B..	200	263	55	180 <sup>-0.5</sup>	27	17.5	55	136	105	36	30	41	
JRTKV77B..	150 165	208 200	40	112 <sup>-0.5</sup>				105	52	23	52	23	
JRTKH87B..	233	305	70	212 <sup>-0.5</sup>	32	22	67	161	120	41	40	46	
JRTKV87B..	180 180	260 230	55	132 <sup>-0.5</sup>				120	62	25	62	25	
JRTKH97B..	295	372	75	265 <sup>-1</sup>	36	26	82	195	150	55	50	60	
JRTKV97B..	240 240	294 290	75	160 <sup>-0.5</sup>				150	72	25	72	25	
JRTKH107B..	360	448	95	315 <sup>-1</sup>	40	33	98	230	175	65	60	75	
JRTKV107B..	280 270	380 340	95	200 <sup>-0.5</sup>				175	89	26	89	26	
JRTKH127B..	420	526	110	375 <sup>-1</sup>	45	39	111	280	205	85	70	95	
	350 330	440 400		115				225 <sup>-0.5</sup>	100	-	-	-	-
JRTKH157B..	500	634	130	450 <sup>-1</sup>	50	39	130	330	250	90	80	100	
	380 420	480 500	140	280 <sup>-1</sup>				100	-	-	-	-	-
Type	Holle asafmeting							H	L	L <sub>1</sub> L <sub>2</sub>	L <sub>3</sub> L <sub>4</sub>	N	Q
	l <sub>s</sub>	d	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	M	S						
JRTKH47B..	25	35H7	35h6	50	83	-	-	185	75	110 15	166 3	7.2	160
JRTKV47B..	115	37 <sup>+0.1</sup> <sub>0</sub>	≥42	4	38.92 <sup>0</sup> <sub>-0.03</sub>	35x2x30x16	M10x30						
JRTKH57B..	25	40H7	40h6	55	83	-	-	217	83	117 18	173 3	13.1	160
JRTKV57B..	130	37 <sup>+0.1</sup> <sub>0</sub>	≥42	4	38.92 <sup>0</sup> <sub>-0.03</sub>	35x2x30x16	M10x30						
JRTKH67B..	25	40H7	40h6	55	93	-	-	228	90	126 20	179 3.5	20	160
JRTKV67B..	130	47 <sup>+0.1</sup> <sub>0</sub>	≥52	4	48.85 <sup>0</sup> <sub>-0.03</sub>	45x2x30x21	M16x50						
JRTKH77B..	35	50H7	50h6	70	114	-	-	288	105	146 22.5	202 4	31.3	200
JRTKV77B..	160	55 <sup>+0.1</sup> <sub>0</sub>	≥62	4	54.13 <sup>0</sup> <sub>-0.03</sub>	50x2x30x24	M16x50						
JRTKH87B..	45	65H7	65h6	85	159	-	-	340	120	170 30	257 4	25.9	250
JRTKV87B..	180	72 <sup>+0.1</sup> <sub>0</sub>	≥82	4	68.96 <sup>0</sup> <sub>-0.04</sub>	65x2x30x31	M20x60						
JRTKH97B..	55	75H7	75h6	95	174	-	-	417	150	206 30	277 4	32.3	300
JRTKV97B..	240	72 <sup>+0.1</sup> <sub>0</sub>	≥90	4	74.15 <sup>0</sup> <sub>-0.04</sub>	70x2x30x34	M20x60						
JRTKH107B..	70	95H7	95h6	118	200	-	-	503	175	245 40	341 2.5	52	350
JRTKV107B..	290	90 <sup>+0.1</sup> <sub>0</sub>	≥105	6	90.99 <sup>0</sup> <sub>-0.04</sub>	85x3x30x27	M20x60						
JRTKH127B..	80	105H7	105h6	135	233	-	-	592	205	296 40	390 2.5	53	450
	-	-	-	-	-	-	-						
JRTKH157B..	90	125H7	125h6	155	315	-	-	705	250	370 40	426 0	71.7	550
	-	-	-	-	-	-	-						

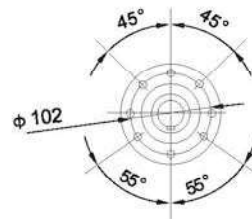
JRTKVZ...

JRTKVZ...Spline shaft is a cording to DIN standard .If you need GB or ISO standard . Please contact with us.

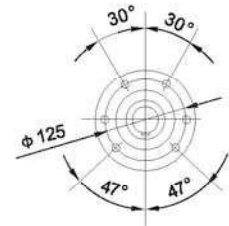
# JRTKA37..~JRTKA107..



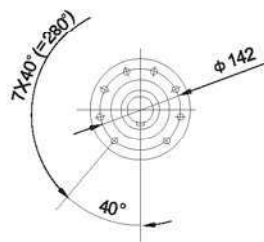
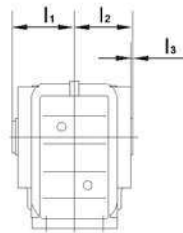
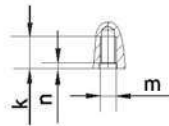
JRTKA37..



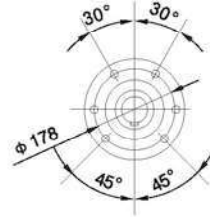
JRTKA47..



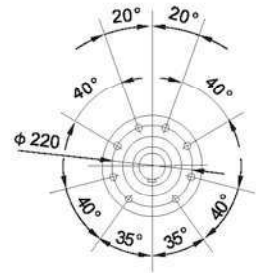
JRTKA57..  
JRTKA67..



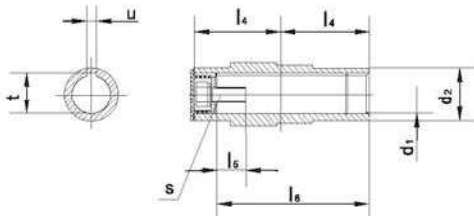
JRTKA77..



JRTKA87..



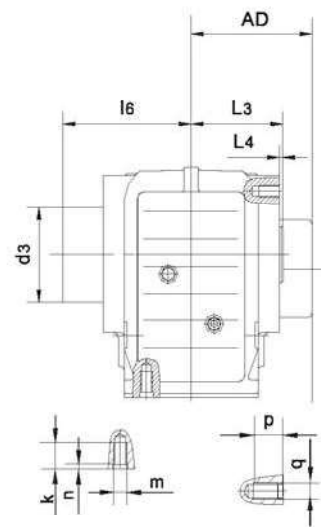
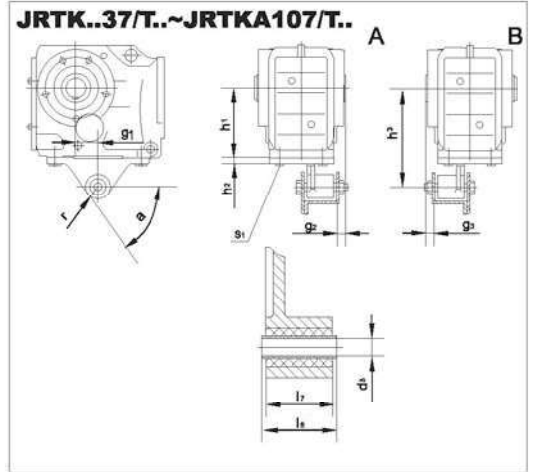
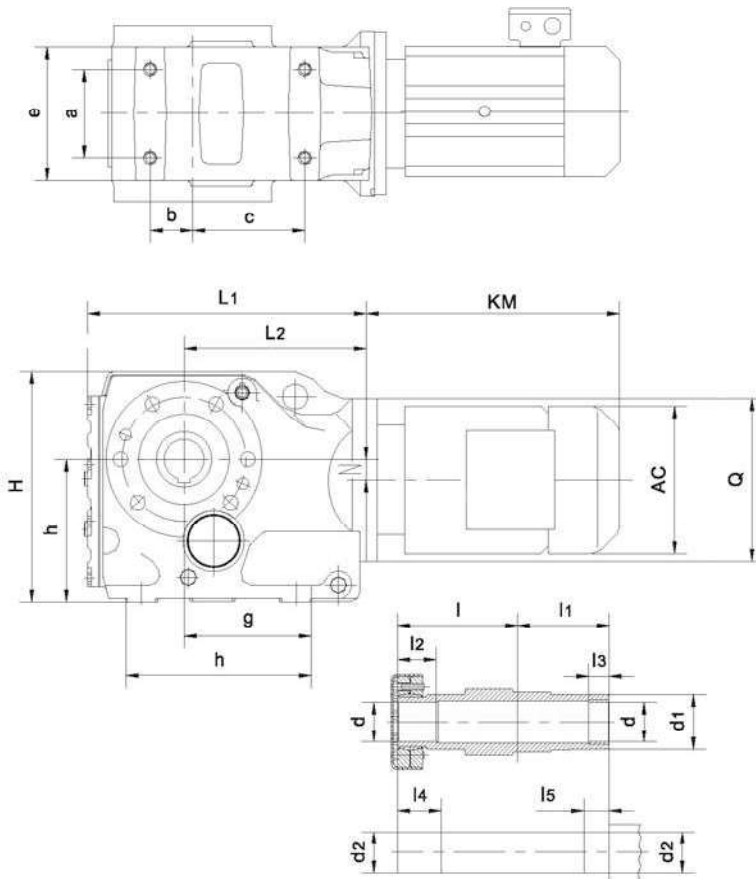
JRTKA97..



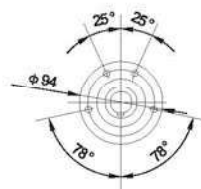
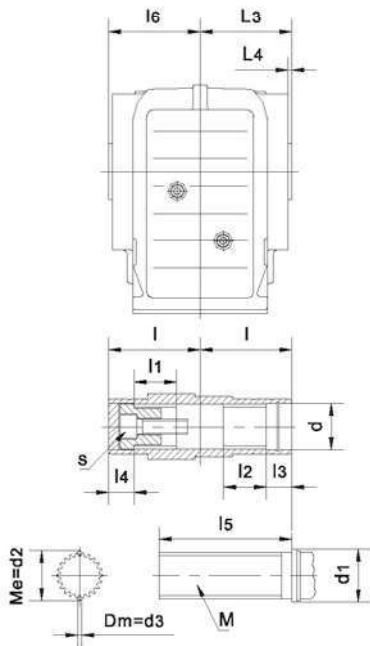
Type	a b c	e f g	h	k m n	p q	Holle asafmeting				Reactiearm				H L <sub>1</sub> L <sub>2</sub>	N Q
						d <sub>1</sub> d <sub>2</sub>	l <sub>1</sub> l <sub>2</sub> l <sub>3</sub>	l <sub>4</sub> l <sub>5</sub> l <sub>6</sub>	s t u	g <sub>1</sub> g <sub>2</sub> g <sub>3</sub>	h <sub>1</sub> h <sub>2</sub> h <sub>3</sub>	d <sub>3</sub> l <sub>7</sub> l <sub>8</sub>	r s <sub>1</sub> α		
						JRTKA37.. JRTK..37/T..	60 35 82	100 147 97	100 <sub>-0.5</sub>	20 M10 4	12 M8	30H7 45	63 60 2.5		
JRTKA47.. JRTK..47/T..	70 40 100	110 170 115	112 <sub>-0.5</sub>	20 M10 4	12 M8	35H7 50	78 75 3	75 22 132	M12 38.3 10	30 20 20	112 <sub>-0.5</sub> 12 160 <sup>+0.2</sup> <sub>-0.7</sub>	10.4 ± 0.1 31 36 <sub>-0.3</sub>	22.5 M10X30 55°	185 243 166	7.2 160
JRTKA57.. JRTK..57/T..	88 47 105	122 182 120	132 <sub>-0.5</sub>	25 M12 5	20 M12	40H7 55	86 83 3	83 29 142	M16 43.3 12	40 18 18	132 <sub>-0.5</sub> 13 192 <sup>+0.2</sup> <sub>-0.7</sub>	164±0.08 54 60 <sub>-0.3</sub>	29 M12X35 55°	215 269 173	13.1 160
JRTKA67.. JRTK..67/T..	88 42 110	130 182 125	140 <sub>-0.5</sub>	25 M12 5	20 M12	40H7 55	94 90 3.5	90 29 156	M16 43.3 12	45 25 25	140 <sub>-0.5</sub> 13 200 <sup>+0.2</sup> <sub>-0.7</sub>	164±0.08 54 60 <sub>-0.3</sub>	29 M12X35 55°	226 274 179	20 160
JRTKA77.. JRTK..77/T..	102 48 122	154 204 139	180 <sub>-0.5</sub>	32 M16 6	20 M12	50H7 70	108 105 4	105 32 183	M16 53.8 14	52.5 25 25	180 <sub>-0.5</sub> 14 250 <sup>+0.2</sup> <sub>-0.7</sub>	164±0.08 54 60 <sub>-0.3</sub>	29 M16X40 60°	286 312 202	31.3 200
JRTKA87.. JRTK..87/T..	118 65 160	170 280 190	212 <sub>-0.5</sub>	32 M16 6	26 M16	60H7 85	123 120 4	120 36 210	M20 64.4 18	60 30 30	212 <sub>-0.5</sub> 16 300 <sup>+0.2</sup> <sub>-0.7</sub>	25±0.08 72 80 <sub>-0.3</sub>	41 M16X45 60°	338 390 257	25.9 250
JRTKA97.. JRTK..97/T..	160 83 165	226 298 190	265 <sub>-1</sub>	36 M20 6	26 M16	70H7 95	153 150 4	150 34 270	M20 74.9 20	70 40 40	265 <sub>-1</sub> 17 350 <sup>+0.2</sup> <sub>-1.2</sub>	25 ± 0.08 92 100 <sub>-0.3</sub>	41 M20X50 50°	414 435 277	32.3 300
JRTKA107.. JRTK..107/T..	190 100 190	266 370 230	315 <sub>-1</sub>	44 M24 8	-	90H7 118	178 175 2.5	175 40 313	M24 95.4 25	74 45 45	315 <sub>-1</sub> 20 450 <sup>+0.5</sup> <sub>-1.5</sub>	25 ± 0.08 92 100 <sub>-0.3</sub>	41 M24X60 55°	500 537 341	52 350



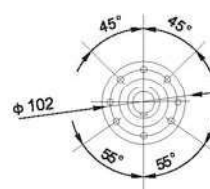
### JRTKH37..~JRTKH107..



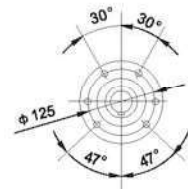
### JRTKV37..~JRTKV107..



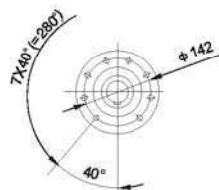
JRTK..37..



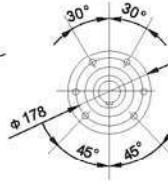
JRTK..47..



JRTK..57..  
JRTK..67..



JRTK..77..



JRTK..87..



JRTK..97..

Type	a b c	e f g	h	k m n	p q	l	l1	l2	l3	l4	l5	l6
JRTKH37..	60	100		20	12	86	60	31	20	36	25	95
JRTKV37..	35 82	147 97	100 <sub>-0.5</sub>	M10 4	M8	60	25	25	18	18	85	62
JRTKH47..	70	110		20	12	102	75	32	20	37	25	110
JRTKV47..	40 100	170 115	112 <sub>-0.5</sub>	M10 4	M8	75	32	32	18	18	115	77
JRTKH57..	88	122		25	20	112	83	26	20	31	25	117
JRTKV57..	47 105	182 120	132 <sub>-0.5</sub>	M12 5	M12	83	32	32	18	18	130	85
JRTKH67..	88	130		25	20	118	90	38	20	43	25	126
JRTKV67..	42 110	182 125	140 <sub>-0.5</sub>	M12 5	M12	90	42	42	25	25	130	90
JRTKH77..	102	154		32	20	136	105	36	30	41	35	146
JRTKV77..	48 122	204 139	180 <sub>-0.5</sub>	M16 6	M12	105	52	52	23	23	160	105
JRTKH87..	118	170		32	26	161	120	41	40	46	45	170
JRTKV87..	65 160	280 190	212 <sub>-0.5</sub>	M16 6	M16	120	62	62	25	25	180	120
JRTKH97..	160	226		36	26	195	150	55	50	60	55	206
JRTKV97..	83 165	298 190	265 <sub>-0.5</sub>	M20 6	M16	150	72	72	25	25	240	150
JRTKH107..	190	266		44	-	230	175	65	60	75	70	245
JRTKV107..	100 190	370 230	315 <sub>-0.5</sub>	M24 8	-	175	89	89	26	26	290	178

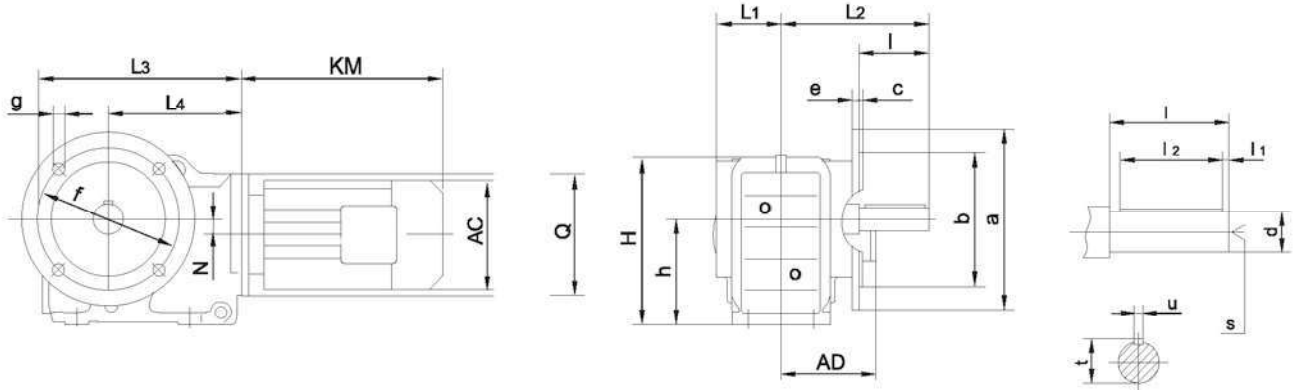
  

Type	d	d1	d2	d3	s	M	g <sub>1</sub> g <sub>2</sub> g <sub>3</sub>	h <sub>1</sub> h <sub>2</sub> h <sub>3</sub>	d <sub>3</sub> l <sub>7</sub> l <sub>8</sub>	r s <sub>1</sub> a	L <sub>1</sub> L <sub>2</sub> L <sub>3</sub>	L <sub>4</sub> H	N Q
JRTKH37..	30H7	45	30h6	75	-	-	23.5 20 20	100 <sub>-0.5</sub> 10 140 <sub>-0.7</sub>	10.4 ± 0.1 31 36 <sub>-0.3</sub>	22.5 M10X25 60°	210 139 60	2.5 164	8.5 120
JRTKV37..	37 <sub>0</sub> <sup>+0.1</sup>	≥42	33.03 <sub>-0.03</sub>	2.75	M10x30	30x1.25x30x22							
JRTKH47..	35H7	50	35h6	83	-	-	30 20 20	112 <sub>-0.5</sub> 10 160 <sub>-0.7</sub>	10.4 ± 0.1 31 36 <sub>-0.3</sub>	22.5 M10X25 55°	243 166 75	3 185	7.2 160
JRTKV47..	37 <sub>0</sub> <sup>+0.1</sup>	≥42	38.92 <sub>-0.03</sub>	4	M10x30	35x2x30x16							
JRTKH57..	40H7	55	40h6	83	-	-	40 18 18	132 <sub>-0.5</sub> 13 192 <sub>+0.2</sub>	16.4 ± 0.08 29 54	29 M12X35 55°	269 173 83	3 215	13.1 160
JRTKV57..	37 <sub>0</sub> <sup>+0.1</sup>	≥42	38.92 <sub>-0.03</sub>	4	M10x30	35x2x30x16							
JRTKH67..	40H7	55	40h6	93	-	-	45 25 25	140 <sub>-0.5</sub> 13 200 <sub>+0.2</sub>	16.4 ± 0.08 29 54	29 M12X35 55°	274 179 90	3.5 226	20 160
JRTKV67..	47 <sub>0</sub> <sup>+0.1</sup>	≥52	48.85 <sub>-0.03</sub>	4	M16x50	45x2x30x21							
JRTKH77..	50H7	70	50h6	114	-	-	52.5 25 25	180 <sub>-0.5</sub> 14 250 <sub>+0.2</sub>	16.4 ± 0.08 29 54	29 M16X40 60°	312 202 105	4 286	31.3 200
JRTKV77..	55 <sub>0</sub> <sup>+0.1</sup>	≥62	54.13 <sub>-0.03</sub>	4	M16x50	50x2x30x24							
JRTKH87..	65H7	85	65h6	159	-	-	60 30 30	212 <sub>-0.5</sub> 16 300 <sub>+0.2</sub>	25 ± 0.08 41 72	41 M16X45 60°	390 257 4	120 4	25.9 250
JRTKV87..	72 <sub>0</sub> <sup>+0.1</sup>	≥82	68.96 <sub>-0.04</sub>	4	M20x60	65x2x30x31							
JRTKH97..	75H7	95	75h6	174	-	-	70 40 40	265 <sub>-1</sub> 17 350 <sub>+0.2</sub>	25 ± 0.08 41 92	41 M20X50 50°	435 277 150	4 414	32.3 300
JRTKV97..	72 <sub>0</sub> <sup>+0.1</sup>	≥90	74.15 <sub>-0.04</sub>	4	M20x60	70x2x30x34							
JRTKH107..	95H7	118	95h6	200	-	-	74 45 45	315 <sub>-1</sub> 20 450 <sub>+0.5</sub>	25 ± 0.08 41 92	41 M24X60 55°	537 341 175	2.5 500	52 350
JRTKV107..	90 <sub>0</sub> <sup>+0.1</sup>	≥105	90.99 <sub>-0.04</sub>	6	M20x60	85x3x30x27							

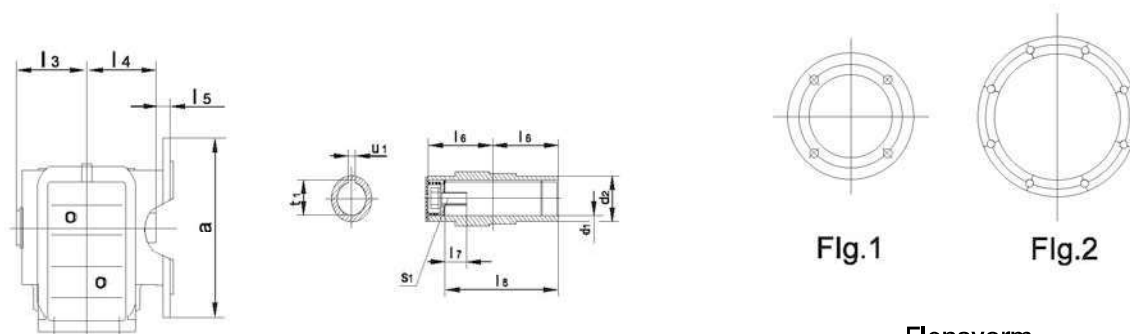
JRTKV ... Spline as is volgens DIN norm. Indien een GB of ISO-norm gewenst is.

Gelieve contact op te nemen met de Euronorm verkoopafdeling.

### JRTKF37..~JRTKF157..



### JRTKAF37..~JRTKAF157..

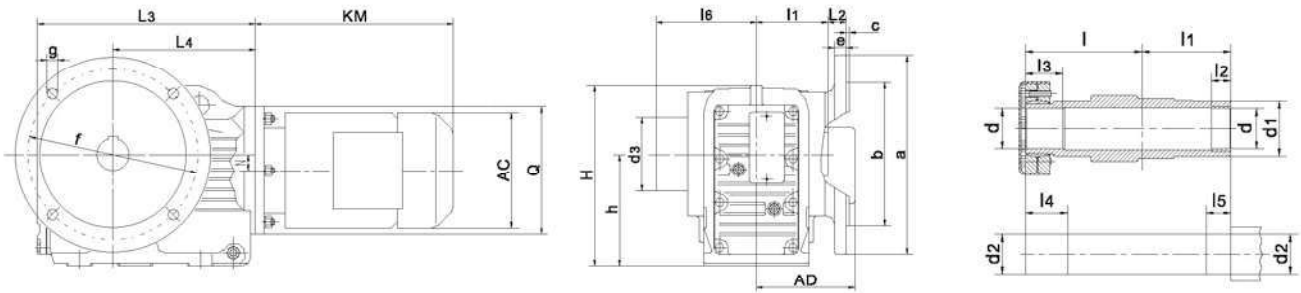


Flensvorm

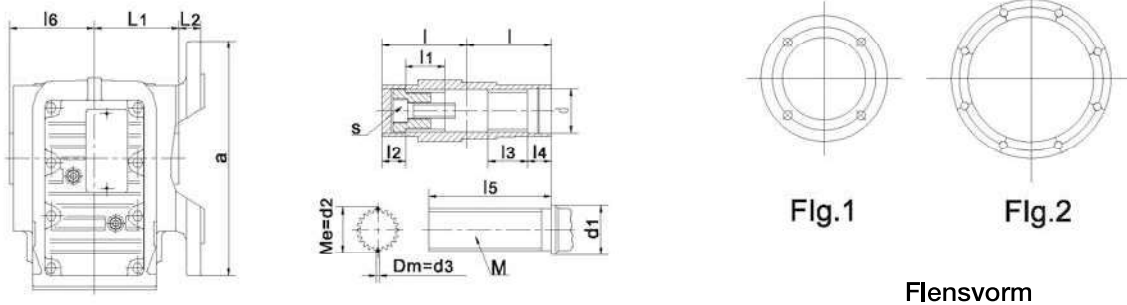
Type	Flens vorm	a b	c e	f g h	Asafmeting				Holle asafmeting					H	L <sub>1</sub> L <sub>2</sub> L <sub>3</sub>	L <sub>4</sub> N Q
					d l	l <sub>1</sub> l <sub>2</sub>	s	t u	d <sub>1</sub> d <sub>2</sub>	l <sub>3</sub> l <sub>4</sub> l <sub>5</sub>	l <sub>6</sub> l <sub>7</sub> l <sub>8</sub>	s <sub>1</sub>	t <sub>1</sub> u <sub>1</sub>			
JRTKF37.. JRTKAF37..	Fig.1	160 110j6	3.5 10	130 9 100	25k6 50	5 40	M10	28 8	30H7 45	63 60 24	60 17 105	M10 X 25	33.3 8	164	57.5 134 210	139 8.5 120
JRTKF47.. JRTKAF47..	Fig.1	200 130j6	3.5 10	165 11 112	30k6 60	3.5 50	M10	33 8	35H7 50	78 75 25	75 22 132	M12 X 30	38.3 10	185	72 160 243	166 7.2 160
JRTKF57.. JRTKAF57..	Fig.1	250 180j6	4 15	215 13.5 132	35k6 70	7 56	M12	38 10	40H7 55	86 83 23.5	83 29 142	M16 X 40	43.3 12	215	80 177 269	173 13.1 160
JRTKF67.. JRTKAF67..	Fig.1	250 180j6	4 15	215 13.5 140	40k6 80	5 70	M16	43 12	40H7 55	94 90 23	90 29 156	M16 X 40	43.3 12	226	86.5 193 274	179 20 160
JRTKF77.. JRTKAF77..	Fig.1	300 230j6	4 16	265 13.5 180	50k6 100	10 80	M16	53.5 14	50H7 70	108 105 37	105 32 183	M16 X 45	53.8 14	286	101 242 312	202 31.3 200
JRTKF87.. JRTKAF87..	Fig.1	350 250h6	5 18	300 17.5 212	60m6 120	5 110	M20	64 18	60H7 85	123 120 30	120 36 210	M20 X 50	64.4 18	338	138 270 390	257 25.9 250
JRTKF97.. JRTKAF97..	Fig.2	450 350h6	5 22	400 17.5 265	70m6 140	7.5 125	M20	74.5 20	70H7 95	153 150 41.5	150 34 270	M20 X 50	74.9 20	414	171 332 435	277 32.3 300
JRTKF107.. JRTKAF107..	Fig.2	450 350h6	5 25	400 17.5 315	90m6 170	5 160	M24	95 25	90H7 118	178 175 41	175 40 313	M24 X 60	95.4 25	500	175 386 537	341 52 350
JRTKF127.. JRTKAF127..	Fig.2	550 450h6	5 22	500 17.5 375.1	110m6 210	15 180	M24	116 28	100H7 135	208 205 51	205 38 373	M24 X 60	106.4 28	592	203 466 615	390 53 450
JRTKF157.. JRTKAF157..	Fig.2	660 550h6	6 28	600 22 450.1	120m6 210	5 200	M24	127 32	120H7 155	253 250 60	250 36 460	M24 X 60	127.4 32	705	253 520 706	705 71.7 550



## JRTKHF37..~JRTKHF157..



## JRTKVF37..~JRTKVF107..

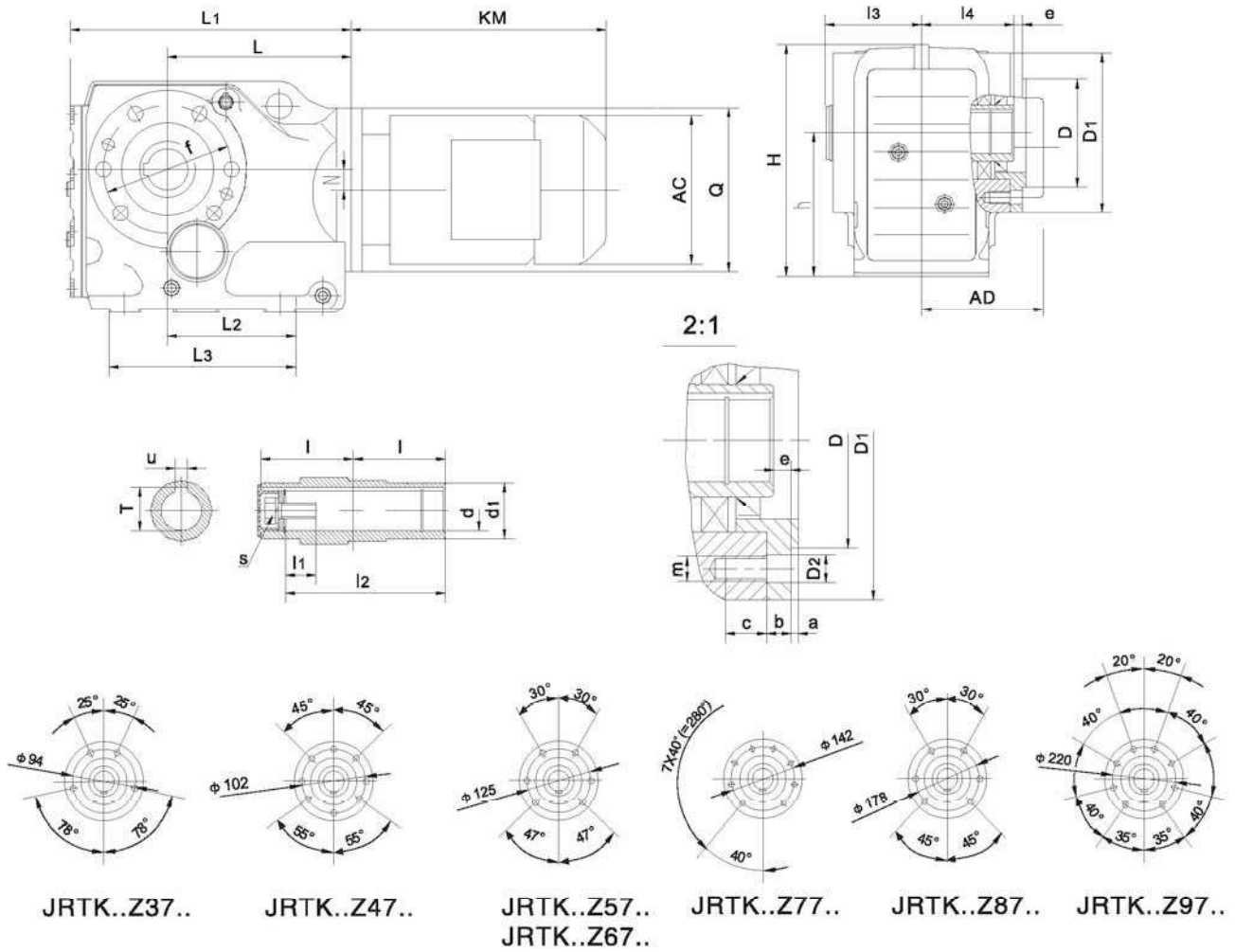


Type	Flens vorm	a b	c e	f g h	Holle asafmeting													H	L <sub>1</sub> L <sub>2</sub> L <sub>3</sub>	L <sub>4</sub> N Q
					l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	d	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	m	s			
JRTKHF37..	Fig.1	160	3.5	130	86	60	20	31	36	25	95	30H7	45	30h6	75	-	-	164	60	139
JRTKVF37..		110j6	10	100 <sup>-0.5</sup>	60	25	18	25	18	85	62	37 <sup>+0.10</sup> <sub>0</sub>	≥42	33.03 <sup>0</sup> <sub>-0.03</sub>	2.75	30x1.25x30x22	M10X30		24	8.5
JRTKHF47..	Fig.1	200	3.5	165	102	75	20	32	37	25	110	35H7	50	35h6	83	-	-	185	75	166
JRTKVF47..		130j6	10	112 <sup>-0.5</sup>	75	32	18	32	18	115	77	37 <sup>+0.10</sup> <sub>0</sub>	≥42	38.92 <sup>0</sup> <sub>-0.03</sub>	4	35x2x30x16	M10X30		25	7.2
JRTKHF57..	Fig.1	250	4	215	112	83	20	26	31	25	117	40H7	55	40h6	83	-	-	215	83	173
JRTKVF57..		180j6	15	135 <sup>-0.5</sup>	83	32	18	32	18	130	85	37 <sup>+0.10</sup> <sub>0</sub>	≥42	38.92 <sup>0</sup> <sub>-0.03</sub>	4	35x2x30x16	M10X30		23.5	13.1
JRTKHF67..	Fig.1	250	4	215	118	90	20	38	43	25	126	40H7	55	40h6	93	-	-	226	90	179
JRTKVF67..		180j6	15	140 <sup>-0.5</sup>	90	42	25	42	25	130	90	47 <sup>+0.10</sup> <sub>0</sub>	≥52	48.85 <sup>0</sup> <sub>-0.03</sub>	4	45x2x30x21	M16X50		23	20
JRTKHF77..	Fig.1	300	4	265	136	105	30	36	41	35	146	50H7	70	50h6	114	-	-	286	105	202
JRTKVF77..		230j6	16	180 <sup>-0.5</sup>	105	52	23	52	23	160	105	55 <sup>+0.10</sup> <sub>0</sub>	≥62	54.13 <sup>0</sup> <sub>-0.03</sub>	4	50x2x30x24	M16X50		37	31.3
JRTKHF87..	Fig.1	350	5	300	161	120	40	41	46	45	170	65H7	85	65h6	159	-	-	338	120	257
JRTKVF87..		250h6	18	212 <sup>-0.5</sup>	120	62	25	62	25	180	120	72 <sup>+0.10</sup> <sub>0</sub>	≥82	68.96 <sup>0</sup> <sub>-0.04</sub>	4	65x2x30x31	M20X60		30	25.9
JRTKHF97..	Fig.2	450	5	400	195	150	50	55	60	55	206	75H7	95	75h6	174	-	-	414	150	277
JRTKVF97..		350h6	22	265 <sup>-0.5</sup>	150	72	25	72	25	240	150	72 <sup>+0.10</sup> <sub>0</sub>	≥90	74.15 <sup>0</sup> <sub>-0.04</sub>	4	70x2x30x34	M20X60		41.5	32.3
JRTKHF107..	Fig.2	450	5	400	230	175	60	65	75	70	245	95H7	118	95h6	200	-	-	500	175	341
JRTKVF107..		350h6	25	315 <sup>-0.5</sup>	175	89	26	89	26	290	178	90 <sup>+0.10</sup> <sub>0</sub>	≥105	90.99 <sup>0</sup> <sub>-0.04</sub>	6	85x3x20x27	M20X60		41	52
JRTKHF127..	Fig.2	550	5	500	280	205	70	85	95	80	296	105H7	135	105h6	233	-	-	592	205	390
JRTKVF127..		450h6	22	375 <sup>-1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-		51	53
JRTKHF157..	Fig.2	660	6	600	330	250	80	90	100	90	370	125H7	155	125h6	315	-	-	705	250	705
JRTKVF157..		550h6	28	450 <sup>-1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-		60	71.7

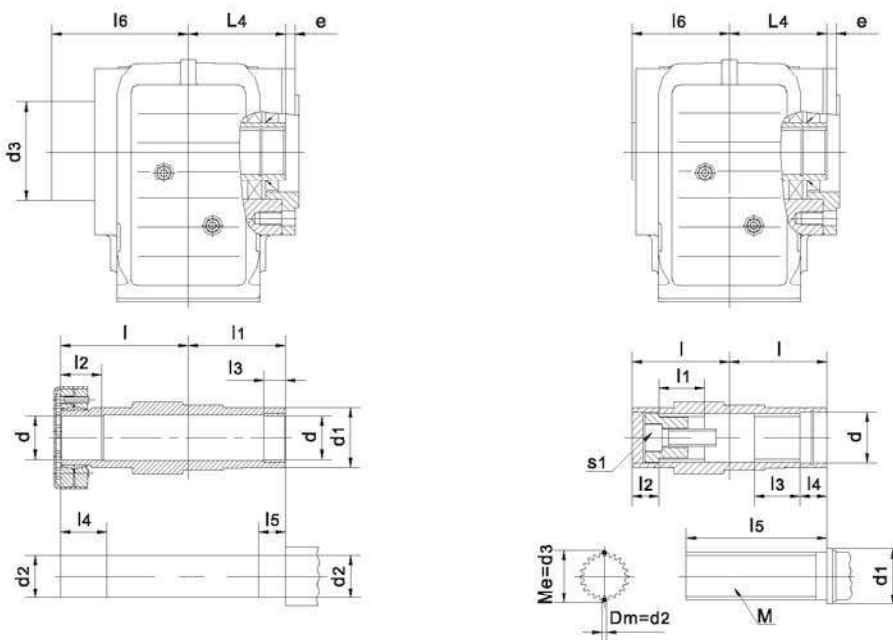
JRTKVF...

JRTKVF...Spline shaft is a cording to DIN standard .If you need GB or ISO standard . Please contact with us.

### JRTKAZ37..~JRTKAZ157..



### JRTKHZ37..~JRTKHZ157.. JRTKVZ37..~JRTKVZ107..

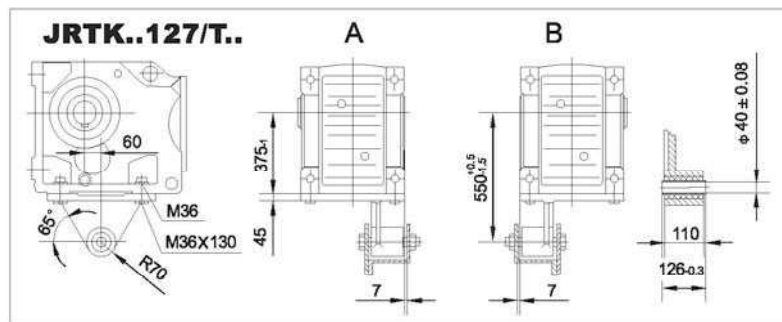
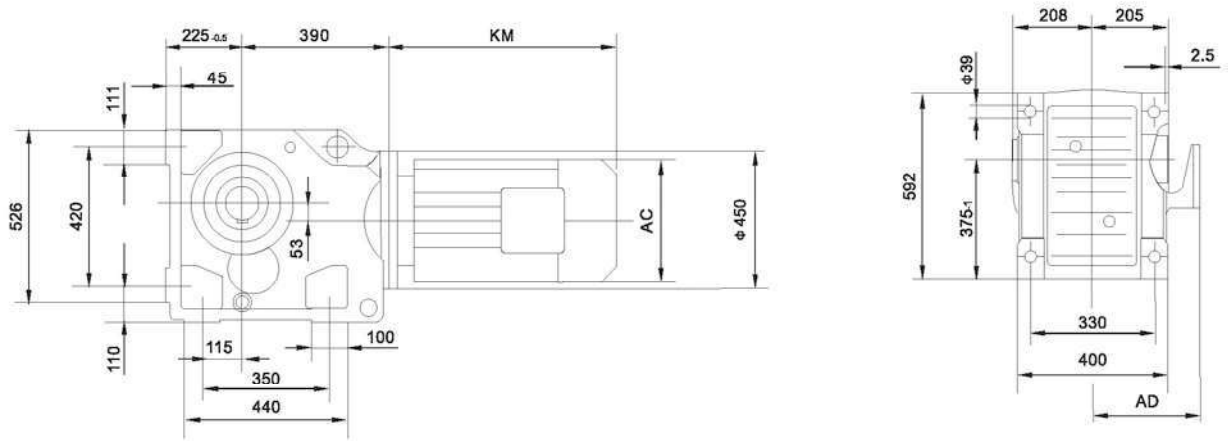


Type	a b c	e m D	D1 D2 L	L1 L2 L3	L4 f n	l	l1	l2	l3	l4	l5
JRTKAZ37..	3	9	110	210	60	60	17	105	63	-	-
JRTKHZ37..	11.5	M8	9	97	94	86	60	31	20	36	25
JRTKVZ37..	12	80j6	139	147	8.5	60	25	18	25	18	85
JRTKAZ47..	3	8.5	120	243	75	75	22	132	78	-	-
JRTKHZ47..	11	M8	9	115	102	102	75	32	20	37	25
JRTKVZ47..	12	80j6	166	170	7.2	75	32	18	32	18	115
JRTKAZ57..	3.5	9	155	269	90	83	29	142	86	-	-
JRTKHZ57..	12	M12	13.5	120	125	112	83	26	20	31	25
JRTKVZ57..	20	105j6	173	182	13.1	83	32	18	32	18	130
JRTKAZ67..	3.5	8.5	155	274	105	90	29	156	94	-	-
JRTKHZ67..	12	M12	13.5	125	125	118	90	38	20	43	25
JRTKVZ67..	20	105j6	179	182	20	90	42	25	42	25	130
JRTKAZ77..	3.5	10	170	312	105	105	32	183	108	-	-
JRTKHZ77..	14	M12	13.5	139	142	136	105	36	30	41	35
JRTKVZ77..	20	125j6	202	204	31.3	105	52	23	52	23	160
JRTKAZ87..	4	11	215	390	120	120	36	210	123	-	-
JRTKHZ87..	15	M16	17.5	190	178	161	120	41	40	46	45
JRTKVZ87..	26	155j6	257	280	25.9	120	62	25	62	25	180
JRTKAZ97..	4	14	260	435	150	150	34	270	153	-	-
JRTKHZ97..	18	M16	17.5	190	220	195	150	55	50	60	55
JRTKVZ97..	26	180j6	277	298	32.5	150	72	25	72	25	240
JRTKAZ107..	4	-12	304	537	175	175	40	313	178	-	-
JRTKHZ107..	22	M20	22	230	260	230	175	65	60	75	70
JRTKVZ107..	30	210j6	341	370	52	175	89	26	89	26	290
JRTKAZ127..	5	0	350	615	205	205	38	373	208	-	-
JRTKHZ127..	30	M20	22	288	300	280	205	85	70	95	80
JRTKVZ127..	28	250h6	390	440	53	280	205	85	70	95	80
JRTKAZ157..	5	-14	400	706	250	250	36	460	253	-	-
JRTKHZ157..	28	M24	26	298	340	330	250	90	80	100	90
JRTKVZ157..	36	290h6	426	480	71.7	330	250	90	80	100	90
Type	l6	d	d1	d2	d3	u	T	S	S1	M	
JRTKAZ37..	-	30H7	45	-	-	8	33.3	M10 x 25	-	-	
JRTKHZ37..	95	30H7	45	30h6	75	-	-	-	-	-	
JRTKVZ37..	62	30 <sup>0.1</sup> <sub>0</sub>	≥42	2.75	33.03 <sup>0</sup> <sub>-0.03</sub>	-	-	-	M10 x 30	30 x 1.25 x 30 x 22	
JRTKAZ47..	-	35H7	50	-	-	10	38.3	M12 x 30	-	-	
JRTKHZ47..	110	35H7	50	35h6	83	-	-	-	-	-	
JRTKVZ47..	77	37 <sup>0.1</sup> <sub>0</sub>	≥42	4	38.92 <sup>0</sup> <sub>-0.03</sub>	-	-	-	M10 x 30	35 x 2 x 30 x 16	
JRTKAZ57..	-	40H7	55	-	-	12	43.3	M16 x 40	-	-	
JRTKHZ57..	117	40H7	55	40h6	83	-	-	-	-	-	
JRTKVZ57..	85	37 <sup>0.1</sup> <sub>0</sub>	≥42	4	38.92 <sup>0</sup> <sub>-0.03</sub>	-	-	-	M10 x 30	35 x 2 x 30 x 16	
JRTKAZ67..	-	40H7	55	-	-	12	43.3	M16 x 40	-	-	
JRTKHZ67..	126	40H7	55	40h6	93	-	-	-	-	-	
JRTKVZ67..	90	47 <sup>0.1</sup> <sub>0</sub>	≥52	4	48.85 <sup>0</sup> <sub>-0.03</sub>	-	-	-	M16 x 50	45 x 2 x 30 x 21	
JRTKAZ77..	-	50H7	70	-	-	14	53.8	M16 x 45	-	-	
JRTKHZ77..	146	50H7	70	50h6	114	-	-	-	-	-	
JRTKVZ77..	105	55 <sup>0.1</sup> <sub>0</sub>	≥62	4	54.13 <sup>0</sup> <sub>-0.03</sub>	-	-	-	M16 x 50	50 x 2 x 30 x 24	
JRTKAZ87..	-	60H7	85	-	-	18	64.4	M20 x 50	-	-	
JRTKHZ87..	170	65H7	85	65h6	159	-	-	-	-	-	
JRTKVZ87..	120	72 <sup>0.1</sup> <sub>0</sub>	≥82	4	68.96 <sup>0</sup> <sub>-0.04</sub>	-	-	-	M20 x 60	65 x 2 x 30 x 31	
JRTKAZ97..	-	70H7	95	-	-	20	74.9	M20 x 50	-	-	
JRTKHZ97..	206	75H7	95	75h6	174	-	-	-	-	-	
JRTKVZ97..	150	72 <sup>0.1</sup> <sub>0</sub>	≥90	4	74.15 <sup>0</sup> <sub>-0.04</sub>	-	-	-	M20 x 60	70 x 2 x 30 x 34	
JRTKAZ107..	-	90H7	118	-	-	25	95.4	M24 x 60	-	-	
JRTKHZ107..	245	95H7	118	95h6	200	-	-	-	-	-	
JRTKVZ107..	178	90 <sup>0.1</sup> <sub>0</sub>	≥105	6	90.99 <sup>0</sup> <sub>-0.04</sub>	-	-	-	M20 x 60	85 x 3 x 30 x 27	
JRTKAZ127..	-	100H7	135	-	-	28	106.4	M24 x 60	-	-	
JRTKHZ127..	296	105H7	135	105h6	233	-	-	-	-	-	
JRTKAZ157..	-	120H7	155	-	-	32	127.4	-	-	-	
JRTKHZ157..	370	125H7	155	125h6	315	-	-	-	-	-	

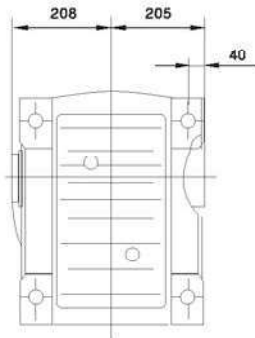
JRTKVZ...

JRTKVZ...Spline shaft is a cording to DIN standard .If you need GB or ISO standard . Please contact with us.

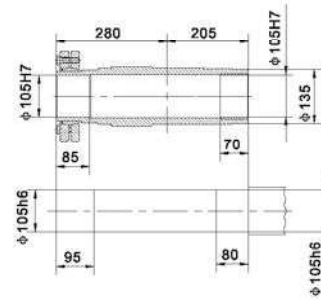
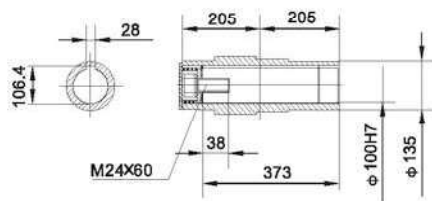
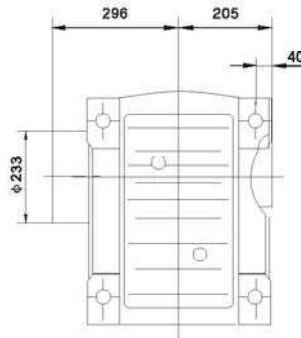


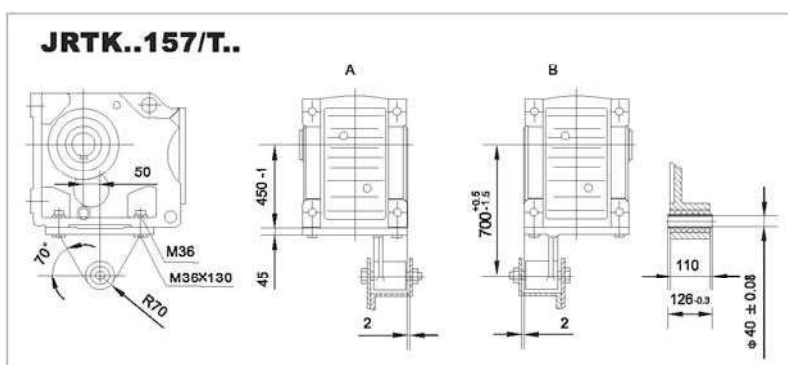
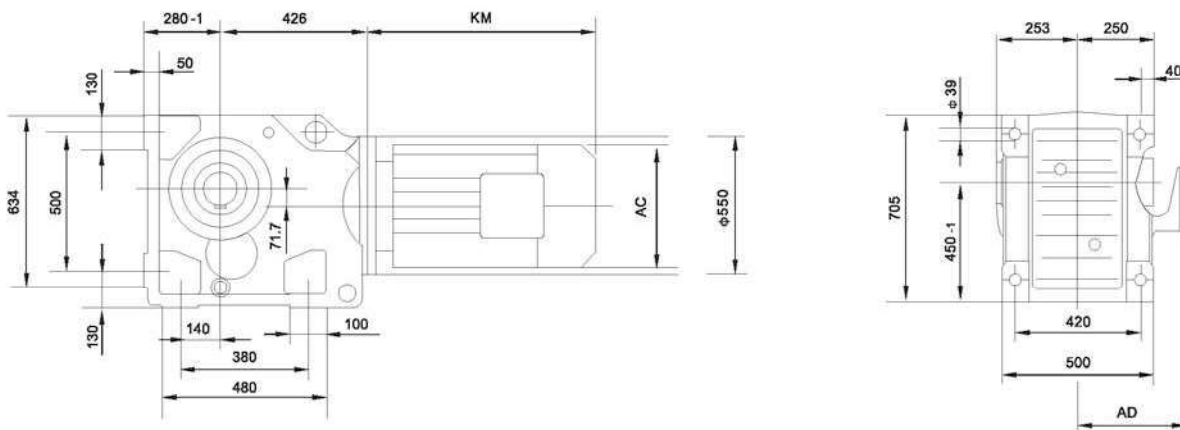


**JRTKA127..**

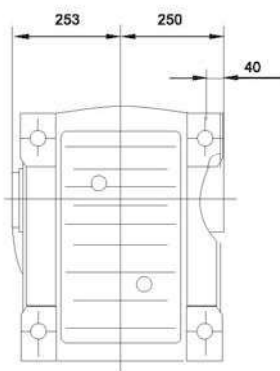


**JRTKH127..**

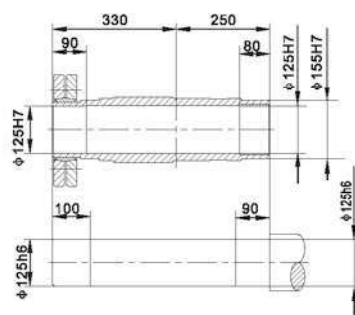
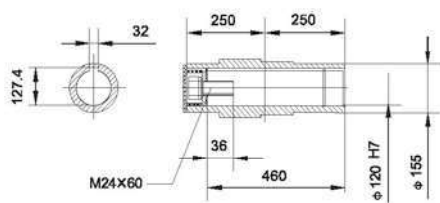
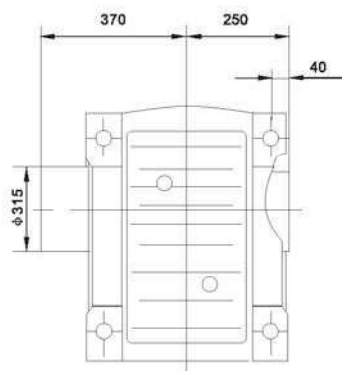




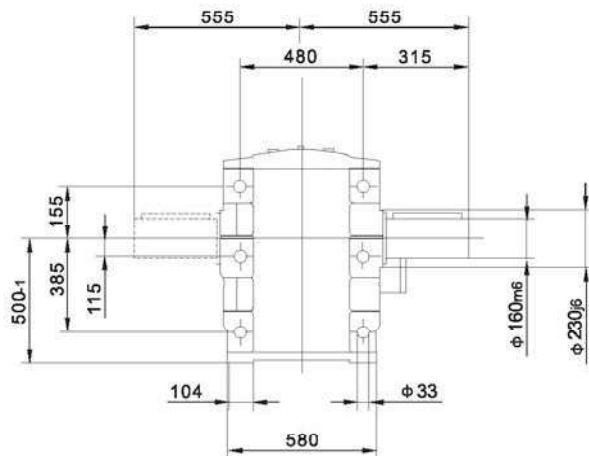
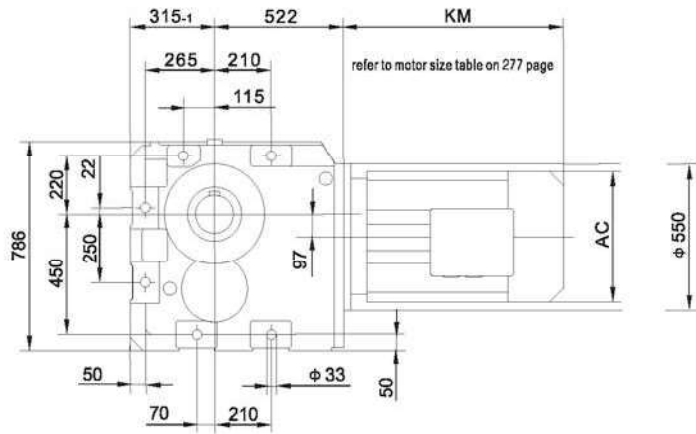
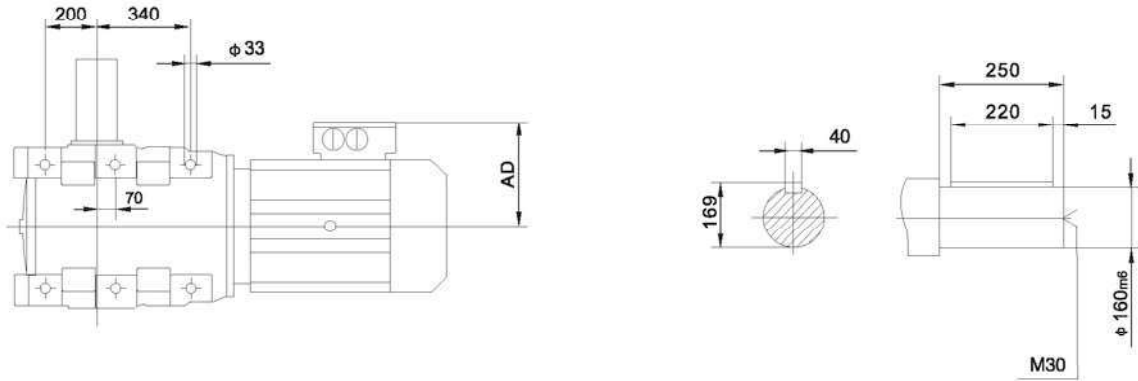
**JRTKA157..**



**JRTKH157..**

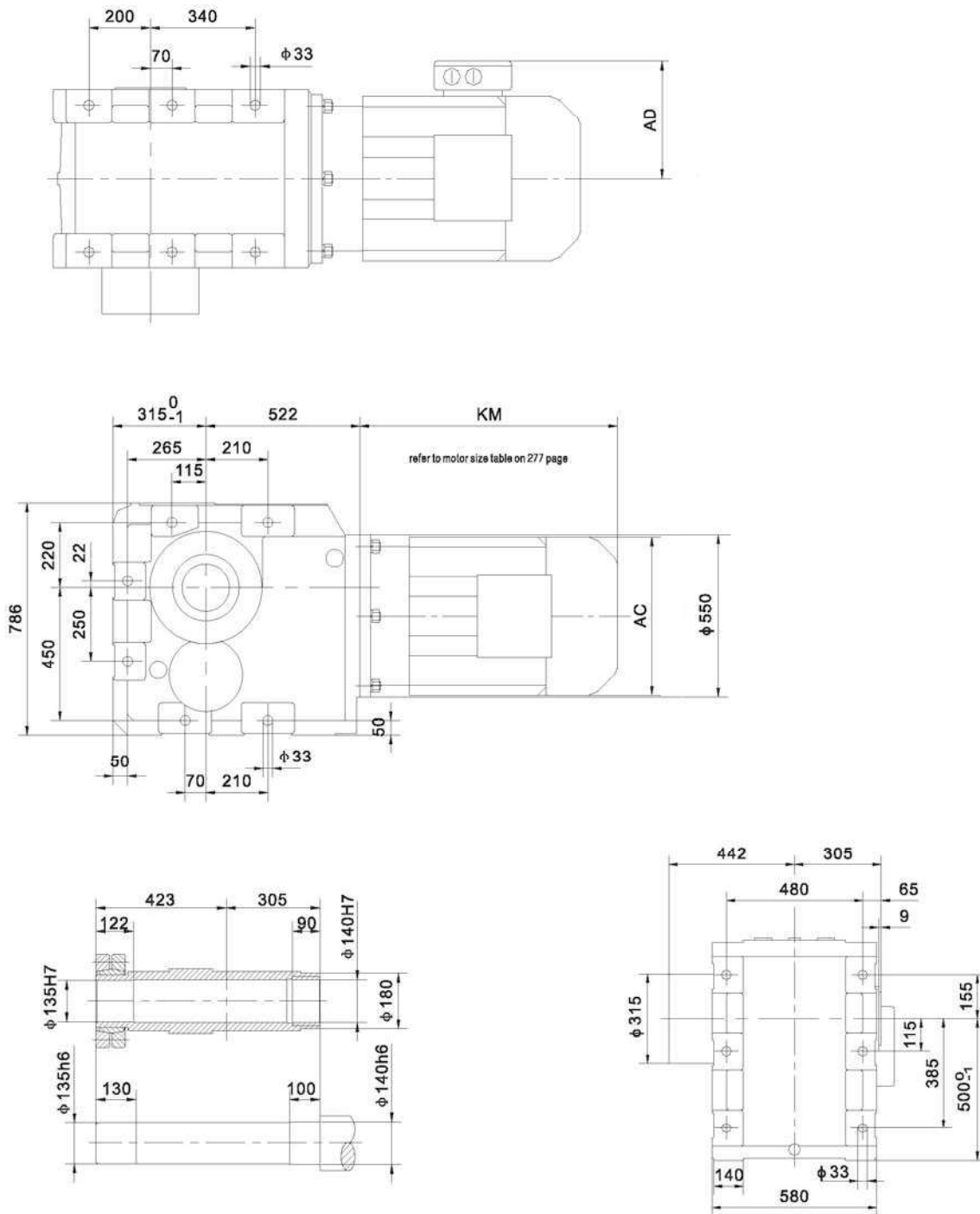


# JRTK167..

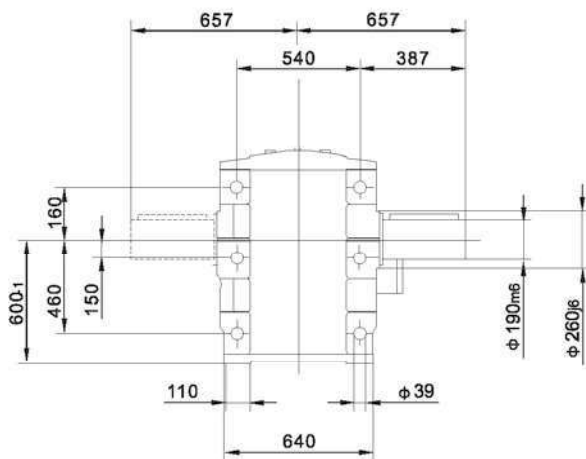
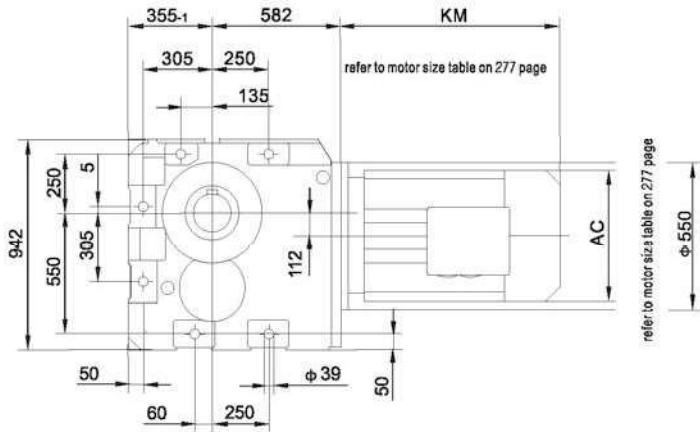
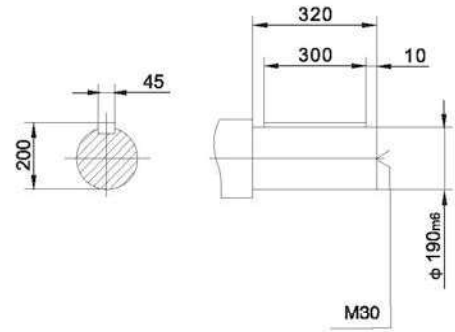
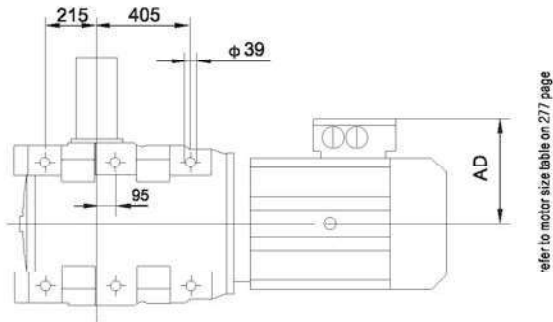




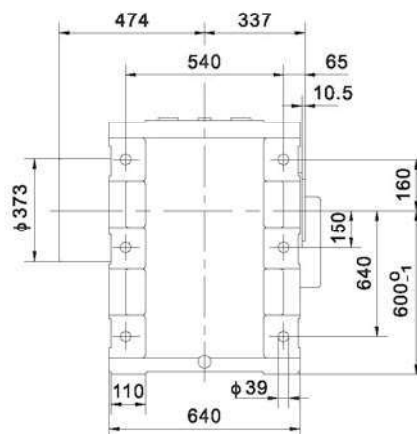
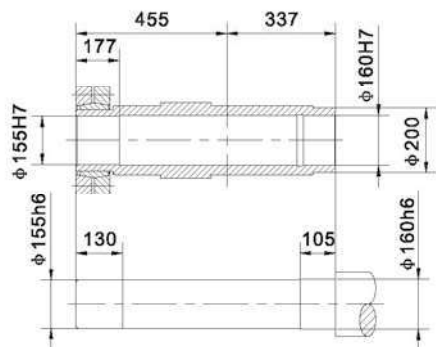
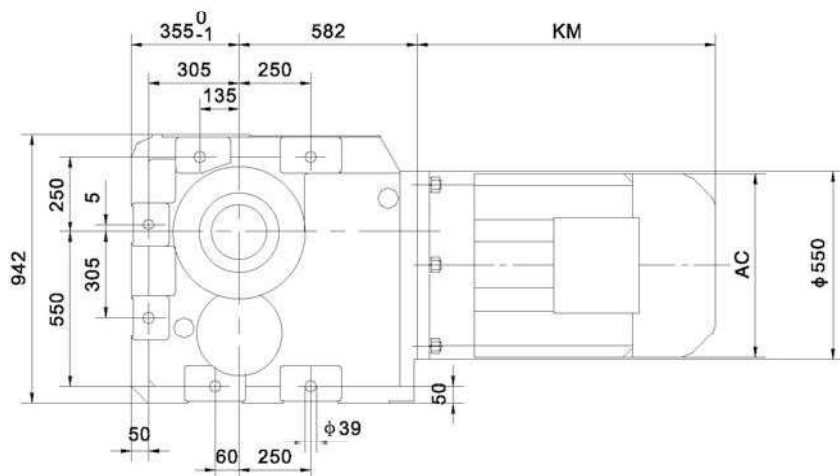
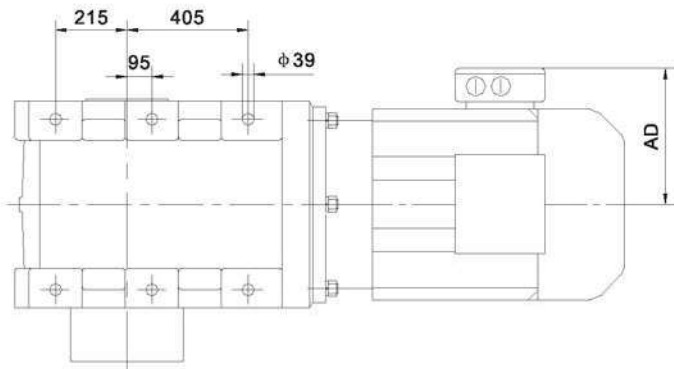
# JRTKH167..



# JRTK187..

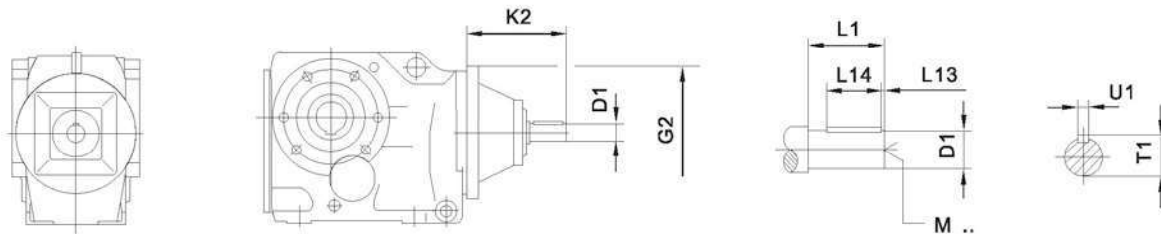


# JRTKH187..





# JRTK..AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
JRTK..37	AD1	120	102	16 k6	40	4	32	18	5	M5
	AD2		130	19 k6	40	4	32	21.5	6	M6
JRTK..47 JRTK..57 JRTK..67	AD2	160	123	19 k6	40	4	32	21.5	6	M6
	AD3		159	24 k6	50	5	40	27	8	M8
JRTK..77	AD2	200	116	19 k6	40	4	32	21.5	6	M6
	AD3		151	24 k6	50	5	40	27	8	M8
	AD4		224	38 k6	80	5	70	41	10	M12
JRTK..87	AD2	250	111	19 k6	40	4	32	21.5	6	M6
	AD3		156	28 k6	60	5	50	31	8	M10
	AD4		219	38 k6	80	5	70	41	10	M12
	AD5		292	42 k6	110	10	70	45	12	M16
JRTK..97	AD3	300	151	28 k6	60	5	50	31	8	M10
	AD4		214	38 k6	80	5	70	41	10	M12
	AD5		287	42 k6	110	10	70	45	12	M16
	AD6		327	48 k6	110	10	80	51.5	14	M16
JRTK..107	AD3	350	145	28 k6	60	5	50	31	8	M10
	AD4		208	38 k6	80	5	70	41	10	M12
	AD5		281	42 k6	110	10	70	45	12	M16
	AD6		321	48 k6	110	10	80	51.5	14	M16
JRTK..127	AD4	450	193	38 k6	80	5	70	41	10	M12
	AD5		266	42 k6	110	10	70	45	12	M16
	AD6		306	48 k6	110	10	80	51.5	14	M16
	AD7		300	55 m6	110	10	90	59	16	M20
	AD8		383	70 m6	140	15	110	74.5	20	M20
JRTK..157 JRTK..167 JRTK..187	AD5	550	258	42 k6	110	10	70	45	12	M16
	AD6		298	48 k6	110	10	80	51.5	14	M16
	AD7		292	55 m6	110	10	90	59	16	M20
	AD8		374	70 m6	140	15	110	74.5	20	M20

# JRTK..AM..

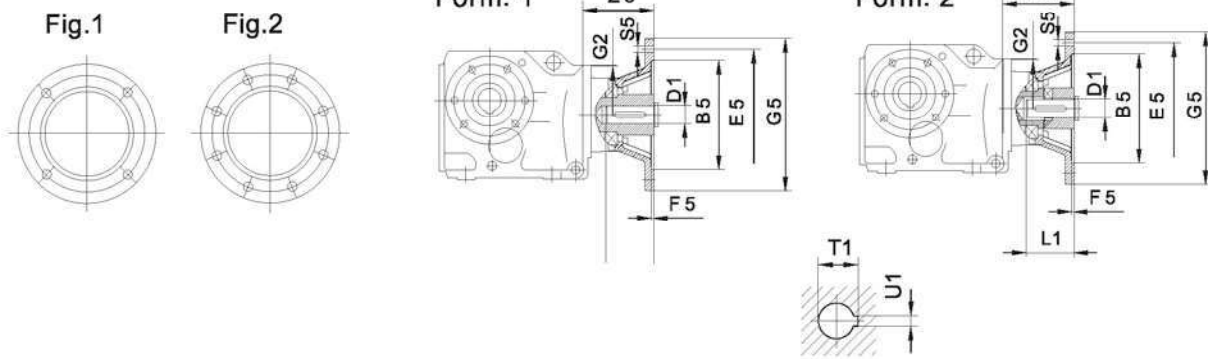


		Fig	Form	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1											
JRTK..37	AM63	1	1	95G7	115	4.5	120	140	M8	72	11F7	23	12.8	4											
	AM71 <sup>1)</sup>			110G7	130			160							92.5	14F7	30	16.3	5						
	AM80 <sup>1)</sup>			130G7	165			200												M10	118	19F7	40	21.8	6
	AM90 <sup>1)</sup>																					24F7	50	27.3	8
JRTK..47 JRTK..57 JRTK..67	AM63	1	1	95G7	115	4.5	160	140	M8	66	11F7	23	12.8	4											
	AM71			110G7	130			160							87	14F7	30	16.3	5						
	AM80			130G7	165			200												M10	113	19F7	40	21.8	6
	AM90																					24F7	50	27.3	8
	AM100 <sup>1)</sup>		2	180G7	215	5	250	M12	144	28H7	60	31.3	8												
	AM112 <sup>1)</sup>													230G7	265	300	M12	177	38H7	80	41.3	10			
	AM132																								
JRTK..77	AM63 <sup>1)</sup>	1	1	95G7	115	4.5	200	140	M8	60	11F7	23	12.8	4											
	AM71			110G7	130			160							79	14F7	30	16.3	5						
	AM80			130G7	165			200												M10	105	19F7	40	21.8	6
	AM90																					24F7	50	27.3	8
	AM100 <sup>1)</sup>		2	180G7	215	5	250	M12	136	28H7	60	31.3	8												
	AM112 <sup>1)</sup>													230G7	265	300	M12	196	38H7	80	41.3	10			
	AM132S <sup>1)</sup>																								
	AM132M <sup>1)</sup> AM132ML <sup>1)</sup>																								
JRTK..87	AM80	1	1	130G7	165	4.5	250	200	M10	100	19F7	40	21.8	6											
	AM90										24F7	50	27.3	8											
	AM100		2	180G7	215	5		250	250	M12	131	28H7	60	31.3	8										
	AM112															230G7	265	300	M12	191	38H7	80	41.3	10	
	AM132S																								250G7
	AM132M AM132ML															48H7	51.8	14							
	AM160 <sup>1)</sup> AM180 <sup>1)</sup>																								
	JRTK..97		AM100	1	2	180G7		215	5	300	250	M12	126	28H7	60	31.3	8								
AM112		230G7	265				300											M12	186	38H7	80	41.3	10		
AM132S						250G7		300			350		M16	231	42H7	110	45.3							12	
AM132M AM132ML		48H7	51.8				14																		
AM160		1	300G7		350	7	400	M16	268		55F7	110	59.3	16											
AM180																									
AM200		2	350G7		400	6	450	M16	303		60H7	140	64.4	18											
AM225 <sup>1)</sup>																									

1) Asafmeting G5/2 kan mogelijk uitsteken

# JRTK..AM..

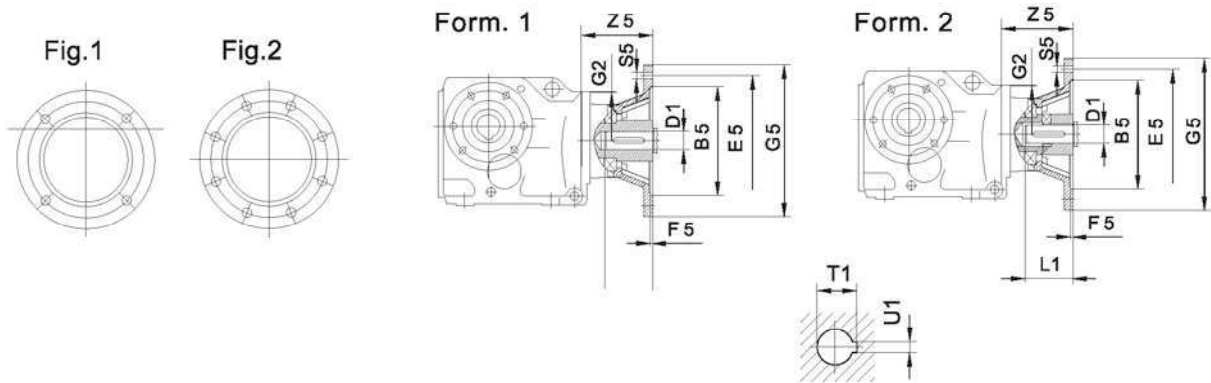
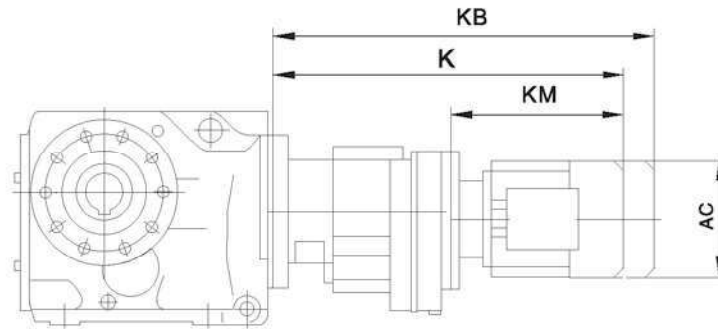


		Fig	Form	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1							
JRTK..107	AM100	1	2	180G7	215	5	350	250	M12	120	28H7	60	31.3	8							
	AM112			230G7	265			300							180	38H7	80	41.3	10		
	AM132S																			250G7	300
	AM132M			300G7	350			400							262	55F7	59.3	16			
	AM132ML		350G7			400	450		297	60H7	140	64.4	18								
	AM160			1	2			300G7						350	7	400	M16	225	42H7 48H7	110	45.3 51.8
	AM180		2			2	350G7		400	6	450	M16	262								
	AM200			2	2			350G7						400	6	450	M16	297	60H7	140	64.4
AM225	2	2	450G7			500	7		550	M16	336	65H7 75H7	140								
AM132S				1	2			230G7						265	5	450	300	M12	165	38H7	80
AM132M	250G7	300	350			210	42H7 48H7		110	45.3 51.8	12 14										
AM132ML												300G7	350								
AM160	350G7	400	450			282	60H7		64.4	18											
AM180					450G7			500			550	336	65H7 75H7	140	69.4 79.9	18 20					
AM200	1	2	300G7			350	7		400	M16							239	55F7	59.3	16	
AM225					2			2			350G7	400	6	450	M16	274					60H7
AM250	2	2	450G7			500	7		550	M16							328	65H7 75H7	140	69.4 79.9	
AM280				2	2			450G7			500	7	550	M16	328	65H7 75H7					140
AM132	1	2	230G7			265	5		550	300							M12	165	38H7	80	
AM160				250G7	300			350			202	42H7 48H7	110	45.3 51.8	12 14						
AM180	300G7	350	400			239	55F7		59.3	16											
AM200				350G7	400			450			274	60H7	64.4	18							
AM225	450G7	500	550			328	65H7 75H7		140	69.4 79.9					18 20						
AM250				2	2			450G7			500	7	550	M16		328	65H7 75H7	140	69.4 79.9	18 20	
AM280	2	2	450G7			500	7		550	M16					328						65H7 75H7



# JRTK..R..



		AC	K	KM
JRTK..37R17	DS63..	120	373	198
	DS71..	135	404	229
	DS80..	156	444	269
JRTK..47R37 JRTK..57R37	DS63..	120	363	198
	DS71..	135	394	229
	DS80..	156	434	269
JRTK..67R37	DS63..	120	363	198
	DS71..	135	394	229
	DS80..	156	434	269
	DS90..	175	456	291
JRTK..77R37	DS63..	120	355	198
	DS71..	135	386	229
	DS80..	156	426	269
	DS90..	175	448	291
JRTK..87R57	DS63..	120	408	192
	DS71..	135	438	222
	DS80..	156	478	262
	DS90..	175	500	284
	DS100M	189	560	344
JRTK..97R57	DS63..	120	403	192
	DS71..	135	433	222
	DS80..	156	473	262
	DS90..	175	495	284
	DS100M	189	555	344
JRTK..107R77	DS112M	221	603	392
	DS90..	175	524	277

		AC	K	KM
JRTK..107R77	DS100M	189	584	337
	DS112M	221	628	383
	DS132S	221	628	383
	DS132M	221	678	433
	DS160..	271	718	471
JRTK..127R87	DS80..	156	530	250
	DS90..	175	552	272
	DS100M	189	612	332
	DS112M	221	656	378
	DS132S	221	656	378
	DS132M	221	706	428
	DS160..	271	746	466
K..157R97 K167R97 KH167R97 K187R97 KH187R97	DS90..	175	592	175
	DS100M	189	652	189
	DS112M	221	696	221
	DS132S	221	696	221
	DS132M	221	746	221
	DS160..	271	786	271
	DS180M	380	937	380
	DS180L	420	985	420
K..157R107 K167R107 KH167R107 K187R107 KH187R107	DS90L	175	643	261
	DS100M	189	703	321
	DS112M	221	747	367
	DS132S	221	747	367
	DS132M	221	797	417
	DS160..	271	837	455
	DS180M	380	988	606
	DS180L	420	1036	654
DS200L	470	1042	660	