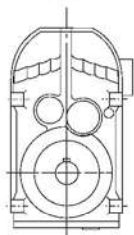
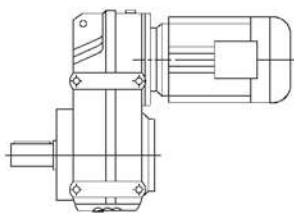


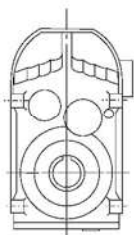
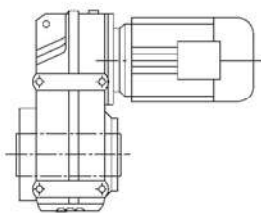
7 JRTF vlakke opsteek motorreductor

7.1 Uitvoeringen



JRTF..D..

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

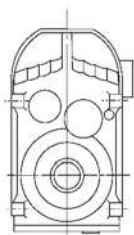
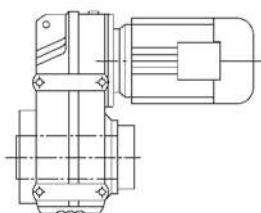


JRTFA..B D..

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

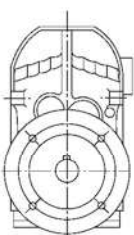
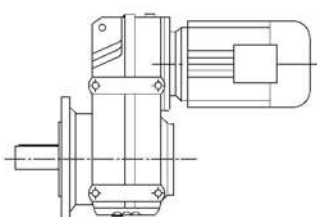
JRTFV..B D..

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



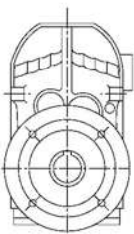
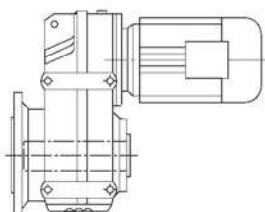
JRTFH..B D..

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



JRTFF..D..

volle uitgaande as, montage via B5 flens

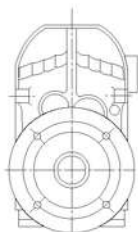
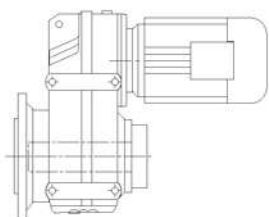


JRTFAF..D..

holle uitgaande as, montage via B5 flens

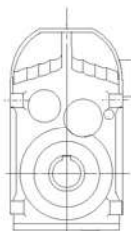
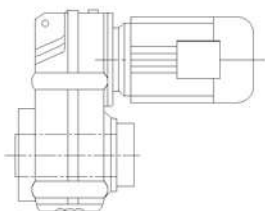
JRTFVF..D..

holle uitgaande spline as, montage via B5 flens



JRTFHF..D..

holle uitgaande as met krimpschijf, montage via B5 flens

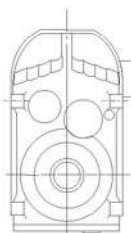
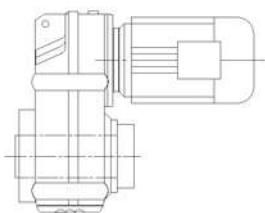


JRTFA..D..

holle uitgaande as met sleutel, montage via as

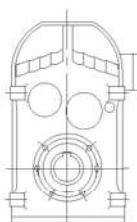
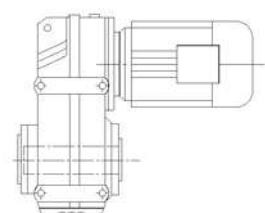
JRTFV..D..

holle uitgaande spline as, montage via as



JRTFH..D..

holle uitgaande as met krimpschijf, montage via as

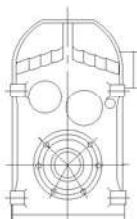
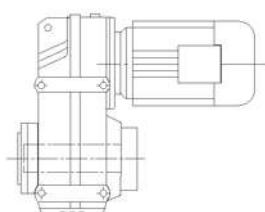


JRTFAZ..D..

holle uitgaande as met spie, frontmontage (C of B14 afmetingen)
met tapgaten

JRTFVZ..D..

holle uitgaande as met spie, frontmontage (C of B14 afmetingen)
met tapgaten



JRTFHZ..D..

holle uitgaande as met krimpschijf, frontmontage (C of B14
afmetingen) via tapgaten

7.2 Tabel met combinaties van reductor en elektromotor en overbrengingsverhouding

Type	Trappen	D63 D71	D80	D90	D100	D112	D132S	D132M
JRTF/FF/FA/FAF37	2	4.22-7.44 8.97-23.63	3.77-23.63	3.77-20.57	3.77-6.74 8.01-14.33 17.03			
JRTF/FF/FA/FAF37	3	23.88-128.51	23.88-100.36	23.88-51.70 58.32-86.53	23.88-31.69 38.31 51.70 58.32 70.50			
JRTF/FF/FA/FAF47	2	6.34-8.96 13.93-30.86	4.99-30.86	4.99-30.86	4.99-25.72			
JRTF/FF/FA/FAF47	3	28.88-190.76	28.88-150.06	28.88-130.07	28.88-56.49 68.09-105.09			
JRTF/FF/FA/FAF57	2	6.58-9.31 13.52-40.13	5.18-34.24	5.18-29.94	5.18-24.96	5.18-21.17		
JRTF/FF/FA/FAF57	3	30.15-199.70	30.15-157.09	30.15-136.16	30.15-58.97 83.46-110.01	30.15-50.10 83.46-93.47		
JRTF/FF/FA/FAF67	2	7.53-9.08 18.29-36.30	5.95-9.08 14.46-36.30	3.97-36.30	3.97-32.08	3.97-27.41	3.97-22.05	3.97-22.05
JRTF/FF/FA/FAF67	3	43.20-228.99	34.01-195.39	34.01-170.85	34.01-142.40	34.01-67.65 90.59-120.79	34.01-53.73 90.59-95.94	34.01-53.73 90.59-95.94
JRTF/FF/FA/FAF77	2	21.43-36.58	8.26-9.30 17.49-36.58	5.76-9.30 12.20-36.58	4.28-36.58	4.28-31.51	4.28-25.50	4.28-25.50
JRTF/FF/FA/FAF77	3	48.37-72.50 94.93-281.71	38.23-225.79	25.54-198.31	25.54-166.47	25.54-142.27	25.54-58.32 75.02-114.45	25.54-58.32 75.02-114.45
JRTF/FF/FA/FAF87	2		23.68-33.92	7.35-8.29 17.12-33.92	5.63-8.29 13.12-33.92	5.63-8.29 13.12-33.92	4.12-33.92	4.12-33.92
JRTF/FF/FA/FAF87	3		109.49-270.68	39.30-50.36 76.39-270.68	29.20-228.93	29.20-197.20	29.20-159.61	29.20-159.61
JRTF/FF/FA/FAF97	2			9.06 22.11-43.28	7.07-9.06 17.25-43.28	7.07-9.06 17.25-43.28	4.57-43.28	4.57-43.28
JRTF/FF/FA/FAF97	3			58.06-72.29 80.31 89.85-97.58 112.99-276.77	44.49-72.29 80.31-276.77	44.49-72.29 80.31-276.77	32.50-223.88	32.50-223.88
JRTF/FF/FA/FAF107	2				21.76-33.79	21.76-33.79	7.40-9.69 14.67-33.79	7.40-9.69 14.67-33.79
JRTF/FF/FA/FAF107	3				58.12-83.99 92.47-254.40	58.12-83.99 92.47-254.40	37.61-254.40	37.61-254.40
JRTF/FF/FA/FAF127	2							7.88-8.86 14.55-26.86
JRTF/FF/FA/FAF127	3							37.28-170.83

Type	Trappen	D160S	D160M	D160L	D180	D200
JRTF/FF/FA/FAF77	2	4.28-19.70	4.28-19.70			
JRTF/FF/FA/FAF77	3	25.54-43.58	25.54-43.58			
JRTF/FF/FA/FAF87	2	4.12-26.50	4.12-26.50	4.12-26.50	4.12-21.32	
JRTF/FF/FA/FAF87	3	29.20-123.29	29.20-123.29	29.20-123.29	29.20-50.36	
JRTF/FF/FA/FAF97	2	4.57-33.91	4.57-33.91	4.57-33.91	4.57-27.44	4.57-22.11
JRTF/FF/FA/FAF97	3	32.50-89.85 102.16-174.87	32.50-89.85 102.16-174.87	32.50-89.85 102.16-174.87	32.50-75.63 86.59 102.16-140.71	32.50-58.06 75.63 86.59 102.16-112.99
JRTF/FF/FA/FAF107	2	6.22-9.69 12.33-33.79	6.22-9.69 12.33-33.79	6.22-9.69 12.33-33.79	6.22-33.79	6.22-27.57
JRTF/FF/FA/FAF107	3	31.80-199.31	31.80-199.31	31.80-199.31	31.80-161.28	31.80-74.52 88.49 101.38-129.97
JRTF/FF/FA/FAF127	2	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	5.52-26.86	4.68-26.86
JRTF/FF/FA/FAF127	3	31.33-170.83	31.33-170.83	31.33-170.83	25.30-153.67	25.30-125.37
JRTF/FF/FA/FAF157	2		16.85-53.55	16.85-53.55	13.96-43.94	11.92-35.75
JRTF/FF/FA/FAF157	3		40.06-267.43	40.06-267.43	32.55-217.62	27.60-178.20
JRTF/FH167	2	11.37-36.12	11.37-36.12	11.37-36.12	9.6-29.64	8.19-24.12
JRTF/FH167	3	24.56-32.3 57.51-182.73	24.56-32.3 57.51-182.73	24.56-32.3 57.51-182.73	20.35-32.3 57.51-149.94	17.37-122

Type	Trappen	D225	D250M	D280	D315	D315M-a/b
JRTF/FF/FA/FAF107	2	6.22-27.57				
JRTF/FF/FA/FAF107	3	31.80-74.52 88.49 101.38-129.97				
JRTF/FF/FA/FAF127	2	4.68-26.86	4.68-21.38	4.68-21.38		
JRTF/FF/FA/FAF127	3	25.30-125.37	25.30-55.31 75.41-98.95	25.30-55.31 75.41-98.95		
JRTF/FF/FA/FAF157	2	11.92-35.75	11.92-28.60	11.92-28.60	11.92-22.16	11.92-16.85
JRTF/FF/FA/FAF157	3	27.60-178.20	27.60-68.28 96.53-141.80	27.60-68.28 96.53-141.80	27.60-52.24 96.53-108.49	27.60-40.06
JRTF/FH167	3	47.65-122.00	40.67-97.60	20.32-67.47	13.34-40.67	8.04-32.25
JRTF/FH177	3	54.71-216.26	54.71-155.93	27.79-105.81	21.89-64.16	13.72-54.71
JRTF/FH167	2	8.19-24.12	8.19-19.29	8.19-19.29	8.19-14.95	8.19-11.37
JRTF/FH167	3	17.37-122	17.37-97.6	17.37-97.6	17.37-75.62	17.37-24.56 40.67-57.51

7.3 Tabellen met overbrengingsverhoudingen en maximale koppels

JRTF37-57 $n_a=1400$ 1/min

JRTF37		200Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
128.51	11	200	4290		
117.88	12	200	4290		
100.36	14	200	4290		
86.53	16	200	4290		
80.65	17	200	4290		
70.50	20	200	4290	AD1	
66.09	21	200	4290		
58.32	24	200	4290		
54.54	26	200	4290		
51.70	27	200	4290		
47.02	30	200	4290		
43.83	32	200	4290		
38.31	37	200	4290		
35.91	39	200	4290	AD2	
31.69	44	200	4290		
28.09	50	200	4060		
23.88	59	200	3760		
2 traps					
23.63	59	200	3740		
20.57	68	200	3500		
19.27	73	200	3390		
17.03	82	200	3180		
15.81	89	200	3070		
14.33	98	200	2910		
12.87	109	200	2750		
11.08	126	190	2620		
10.42	134	185	2580	AD2	
8.97	156	175	2460		
8.01	175	170	2360		
7.44	188	145	2350		
6.74	208	140	2270		
6.05	231	135	2190		
5.21	269	125	2120		
4.90	286	120	2100		
4.22	332	110	2030		
3.77	372	105	1970		

JRTF47		400Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
190.76	7.3	400	5920		
175.38	8.0	400	5920		
150.06	9.3	400	5920		
130.07	11	400	5920		
121.57	12	400	5920	AD1	
105.09	13	400	5920		
89.29	16	400	5920		
79.72	18	400	5920		
68.09	21	400	5920		
65.36	21	400	5920		
56.49	25	400	5920		
48.00	29	400	5920		
42.86	33	400	5920	AD2	
36.61	38	400	5920		
34.29	41	400	5920		
28.88	48	400	5790		
2 traps					
30.86	45	400	5920		
29.32	48	400	5830		
25.72	54	400	5470		
21.82	64	400	5030		
19.70	71	400	4770		
17.33	81	400	4450		
16.36	86	400	4320		
13.93	100	400	3950	AD2	
12.66	111	400	3740		
10.97	128	400	3440		
8.96	156	330	3250		
7.88	178	380	2630		
7.44	188	380	2530		
6.34	221	350	2470		
5.76	243	340	2390		
4.99	281	320	2310		

JRTF57		600Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
199.70	7.0	600	8200		
183.60	7.6	600	8200		
157.09	8.9	600	8200		
136.16	10	600	8200		
127.27	11	600	8200		
110.01	13	600	8200		
93.47	15	600	8200		
83.46	17	600	8200	AD2	
72.98	19	600	8200		
68.22	21	600	8200		
58.97	24	600	8200		
50.10	28	600	8200		
44.73	31	600	8200		
38.21	37	600	8200		
35.79	39	600	8200		
30.15	46	590	7650		
2 traps					
40.13	35	290	9710		
34.24	41	500	8670		
29.94	47	545	7890	AD2	
28.45	49	535	7760		
24.96	56	575	7060		
21.17	66	600	6350		
19.11	73	600	6020		
16.81	83	600	5620		
15.88	88	600	5450		
13.52	104	600	4980		
12.29	114	600	4710		
10.64	132	600	4320	AD3	
9.31	150	420	4760		
8.19	171	420	4450		
7.73	181	420	4310		
6.58	213	420	3940		
5.98	234	420	3730		
5.18	270	415	3460		

JRTF

JRTF67-87 $n_g=1400$ 1/min

JRTF67		820Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
228.99	6.1	820	10300		
195.39	7.2	820	10300		
170.85	8.2	820	10300		
162.31	8.6	820	10300		
142.40	9.8	820	10300		
120.79	12	820	10300		
109.04	13	820	10300		
95.94	15	820	10300	AD2	
90.59	15	820	10300		
79.76	18	820	10300		
67.65	21	820	10300		
61.07	23	820	10300		
53.73	26	820	10300		
50.74	28	820	10300		
43.20	32	820	10300		
39.26	36	780	10700		
34.01	41	740	11000		
2 traps					
36.30	39	820	10300	AD2	
32.08	44	820	10300		
27.41	51	820	10300		
25.13	56	820	10300		
22.05	63	820	10300		
20.90	67	820	10300		
18.29	77	820	10300		
16.48	85	820	10300		
14.46	97	820	10300		
12.76	110	820	10300		
11.31	124	820	10300	AD3	
9.66	145	820	10300		
9.08	154	530	11400		
8.60	163	570	10900		
7.53	186	610	10100		
6.78	206	620	9660		
5.95	235	610	9200		
5.25	267	590	8850		
4.66	300	560	8590		
3.97	353	500	8390		

JRTF77		1500Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
281.71	5.0	1500	15700		
262.93	5.3	1500	15700		
225.79	6.2	1500	15700		
198.31	7.1	1500	15700		
188.40	7.4	1500	15700		
166.47	8.4	1500	15700		
142.27	9.8	1500	15700		
130.42	11	1500	15700		
114.45	12	1500	15700		
108.46	13	1500	15700		
94.93	15	1500	15700	AD2	
85.52	16	1500	15700		
75.02	19	1500	15700		
72.50	19	1500	15700		
66.46	21	1500	15700		
58.32	24	1500	15700		
55.27	25	1500	15700		
48.37	29	1500	15700		
43.58	32	1500	15700		
38.23	37	1500	15700		
33.74	41	1500	15700	AD3	
29.91	47	1500	15700		
25.54	55	1450	16100		
2 traps					
36.58	38	1110	17900		
31.51	44	1380	16500	AD3	
28.75	49	1430	16200		
25.50	55	1500	15700		
21.43	65	1500	15700		
19.70	71	1500	15700		
17.49	80	1500	15700		
15.64	90	1500	15700		
14.06	100	1500	15700		
12.20	115	1500	14900		
10.93	128	1500	14200	AD4	
9.30	151	1080	13800		
8.26	169	1080	13100		
7.39	189	1080	12500		
6.64	211	1080	12000		
5.76	243	1080	11300		
5.16	271	1080	10700		
4.28	327	1010	10200		

JRTF87		3000Nm			
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD	
3 traps					
270.68	5.2	3000	19800		
255.37	5.5	3000	19800		
228.93	6.1	3000	19800		
197.20	7.1	3000	19800		
179.97	7.8	3000	19800		
159.61	8.8	3000	19800	AD2	
134.16	10	3000	19800		
123.29	11	3000	19800		
109.49	13	3000	19800		
97.89	14	3000	19800		
88.01	16	3000	19800		
76.39	18	3000	19800		
68.40	20	3000	19600		
56.75	25	3000	17700		
50.36	28	2940	16800	AD3	
45.28	31	2820	16200		
39.30	36	2720	15400		
35.19	40	2610	14900	AD4	
29.20	48	2510	13800		
2 traps					
33.92	41	2610	14600		
28.78	49	2450	13900		
26.50	53	3000	11100		
23.68	59	3000	10300		
21.32	66	3000	9530		
19.31	73	3000	8840		
17.12	82	3000	8040		
15.48	90	3000	7390	AD5	
13.12	107	3000	6370		
11.46	122	3000	5580		
9.58	146	2880	5050		
8.29	169	1530	8890		
7.35	190	1530	8280		
6.65	211	1530	7790		
5.63	248	1530	7020		
4.92	284	1530	6430		
4.12	340	1460	5980		

JRTF97-127 $n_g=1400$ 1/min

JRTF97		4300Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
276.77	5.1	4300	29900	
253.41	5.5	4300	29900	
223.88	6.3	4300	29900	
189.92	7.4	4300	29900	
174.87	8.0	4300	29900	
156.30	9.0	4300	29900	
140.71	9.9	4300	29900	
127.42	11	4300	29900	AD3
112.99	12	4300	29900	
102.16	14	4300	29900	
97.58	14	4300	29900	
89.85	16	4300	29900	
86.59	16	4300	29900	
80.31	17	4300	29900	
75.63	19	4300	29900	
72.29	19	4300	29900	
65.47	21	4300	29900	
58.06	24	4300	27200	
52.49	27	4300	25800	AD4
44.49	31	4300	23600	
38.86	36	4300	21900	
32.50	43	4300	19800	
2 traps				
43.28	32	3070	27600	AD4
36.64	38	3070	25500	
33.91	41	4300	20300	
30.39	46	4300	19000	
27.44	51	4300	17900	
24.92	56	4300	16800	AD5
22.11	63	4300	15600	
20.07	70	4300	14600	
17.25	81	4300	13200	
15.06	93	4300	11900	
12.77	110	4300	10500	
11.16	125	4100	10000	
9.06	154	2360	13600	
8.22	170	2360	12800	AD6
7.07	198	2360	11700	
6.17	227	2250	11200	
5.23	268	2150	10600	
4.57	306	2050	10100	

JRTF107		7840Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
254.40	5.5	7680	49800	
215.37	6.5	7680	49800	
199.31	7.0	7680	49800	
178.64	7.8	7680	49800	AD3
161.28	8.7	7680	49800	
146.49	9.6	7680	49800	
129.97	11	7680	49800	
117.94	12	7680	49800	
101.38	14	7680	49800	
92.47	15	7680	49800	
88.49	16	7680	49800	AD4
83.99	17	7680	49800	
74.52	19	7680	49800	
67.62	21	7680	49800	
58.12	24	7680	47800	
50.73	28	7680	45100	
43.03	33	7680	42000	
37.61	37	7680	39500	AD5
31.80	44	7680	36500	
2 traps				
33.79	41	7400	38300	
27.57	51	7840	33700	
25.14	56	7840	32200	
21.76	64	7840	30000	
19.20	73	7840	28100	
16.58	84	7840	26000	
14.67	95	7680	24700	AD6
12.33	114	7000	24300	
9.96	141	6500	22900	
9.69	144	4910	25400	
8.37	167	4800	24000	
7.40	189	4600	23200	
6.22	225	4600	21100	

JRTF127		12000Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
170.83	8.2	12000	90000	
153.67	9.1	12000	90000	
125.37	11	12000	90000	
114.34	12	12000	88000	AD4
98.95	14	12000	83000	
87.31	16	12000	78900	
75.41	19	12000	74300	
70.07	20	12000	72100	
63.91	22	12000	69400	
55.31	25	12000	65300	AD5
48.80	29	12000	61800	
42.15	33	12000	57900	
37.28	38	12000	54800	AD6
31.33	45	12000	50600	AD7
25.30	55	12000	45700	
2 traps				
26.86	52	8500	55300	AD6
24.57	57	8500	53300	
21.38	65	12000	42000	
18.87	74	11000	41900	
16.36	86	11000	39000	
14.55	96	11000	36200	
12.54	112	10000	36400	
10.19	137	9500	34000	AD8
8.86	158	7000	36400	
7.88	178	6000	37000	
6.80	206	7000	32200	
5.52	254	6000	31700	
4.68	299	6000	29500	

JRTF

JRTF157-177 $n_e=1400$ 1/min

JRTF157		18000Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
267.43	5.2	18000	100300	
217.62	6.4	18000	100300	
178.20	7.9	18000	100300	
162.96	8.6	18000	100300	
141.80	9.9	18000	100300	
125.14	11	18000	100300	
108.49	13	18000	100300	AD5
96.53	15	18000	100300	
85.80	16	18000	95700	
78.46	18	18000	92300	
68.28	21	18000	87000	
60.25	23	18000	82500	
52.24	27	18000	77500	AD6
46.48	30	18000	73600	
40.06	35	18000	68900	AD7
32.55	43	18000	62500	
27.60	51	18000	57800	AD8
2 traps				
53.55	26	8000	98300	AD5
43.94	32	10000	87800	
35.75	39	11000	79300	AD6
28.60	49	17000	60800	
25.43	55	15000	61500	
22.16	63	18000	51800	
19.77	71	17000	50900	AD8
16.85	83	18000	44900	
13.96	100	17000	42500	
11.92	117	16000	40900	

JRTF167		32000 Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
182.73	7.66	32000	150000	
149.94	9.34	32000	150000	AD5
122.00	11.48	32000	150000	
97.60	14.34	32000	147200	AD6
86.80	16.13	32000	140100	
75.62	18.51	32000	132000	AD7
67.47	20.75	32000	125600	
57.51	24.35	32000	117000	
47.65	29.38	32000	107400	
40.67	34.42	32000	99700	
32.30	43.34	32000	93700	AD8
28.82	48.58	32000	88600	
24.56	57.00	32000	81700	
20.35	68.80	32000	74000	
17.37	80.60	32000	67900	
2 traps				
36.12	38.76	15000	145000	
29.64	47.23	18000	132000	
24.12	58.05	20000	120000	
19.29	72.57	31000	91000	
17.16	81.60	27000	92000	
14.95	93.66	32000	78000	咨询JIE
13.34	104.97	31000	77000	
11.37	123.16	32000	68000	
9.60	145.83	31000	64000	
8.19	170.94	29000	62000	

JRTF177		50000 Nm		
i	n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	AD
3 traps				
216.26	6.7	50000	190000	
195.39	7.4	50000	190000	AD3
173.85	8.3	50000	190000	
155.93	9.3	50000	190000	AD7
135.39	11	50000	190000	
122.84	12	50000	190000	
105.81	14	50000	190000	
88.93	16	50000	190000	
77.00	19	50000	190000	AD8
64.16	23	50000	190000	
54.71	27	50000	190000	
42.65	34	50000	190000	
38.69	37	50000	190000	
33.33	44	50000	190000	
20.21	72	50000	188200	
17.23	84	50000	177200	
2 traps				
34.82	42	47600	177200	
30.98	47	47600	169900	
27.79	52	47600	159000	
24.25	60	47600	147000	
21.89	66	47600	137500	
18.86	77	43900	126100	咨询JIE
15.85	91	43900	116600	
13.72	106	43900	112700	
11.44	127	41400	99100	
9.75	149	41400	90200	

JRTF37/47R17, JRTF87R37 $n_g = 1400$ 1/min

JRTF37R17		200Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F37	R17		
8193	0.17	3	3	200	4290
7064	0.20	3	3	200	4290
6585	0.21	3	3	200	4290
5756	0.24	3	3	200	4290
4963	0.28	3	3	200	4290
4434	0.32	3	3	200	4290
3875	0.36	3	3	200	4290
3392	0.41	3	3	200	4290
2965	0.47	3	3	200	4290
2587	0.54	3	3	200	4290
2284	0.61	3	3	200	4290
1997	0.70	3	3	200	4290
1929	0.73	2	3	200	4290
1742	0.80	3	3	200	4290
1679	0.83	2	3	200	4290
1550	0.90	2	3	200	4290
1545	0.91	3	3	200	4290
1370	1.0	3	2	200	4290
1356	1.0	2	3	200	4290
1198	1.2	3	2	200	4290
1180	1.2	2	3	200	4290
1047	1.3	3	2	200	4290
1044	1.3	2	3	200	4290
915	1.5	3	2	200	4290
914	1.5	2	3	200	4290
808	1.7	2	3	200	4290
807	1.7	3	2	200	4290
707	2.0	3	2	200	4290
698	2.0	2	3	200	4290
617	2.3	3	2	200	4290
616	2.3	2	3	200	4290
544	2.6	2	3	200	4290
538	2.6	3	2	200	4290
477	2.9	3	2	200	4290
466	3.0	2	3	200	4290
412	3.4	3	2	200	4290
411	3.4	2	3	200	4290
365	3.8	3	2	200	4290
364	3.8	2	3	200	4290
326	4.3	2	2	200	4290
322	4.3	3	2	200	4290
285	4.9	2	2	200	4290
278	5.0	3	2	200	4290
250	5.6	2	2	200	4290
242	5.8	3	2	200	4290
221	6.3	3	2	200	4290
219	6.4	2	2	200	4290
195	7.2	3	2	200	4290
186	7.5	2	2	200	4290
168	8.3	3	2	200	4290
167	8.4	2	2	200	4290
147	9.5	3	2	200	4290
145	9.7	2	2	200	4290
129	11	2	2	200	4290
127	11	3	2	200	4290
121	12	3	2	200	4290
118	12	2	2	200	4290
108	13	3	2	200	4290
98	14	2	2	200	4290
91	15	3	2	200	4290
87	16	2	2	200	4290

JRTF47R17		400Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F47	R17		
12251	0.11	3	3	400	5920
10619	0.13	3	3	400	5920
9846	0.14	3	3	400	5920
8534	0.16	3	3	400	5920
7460	0.19	3	3	400	5920
6536	0.21	3	3	400	5920
5746	0.24	3	3	400	5920
5022	0.28	3	3	400	5920
4401	0.32	3	3	400	5920
3883	0.36	3	3	400	5920
3443	0.41	3	3	400	5920
2976	0.47	3	3	400	5920
2629	0.53	3	3	400	5920
2519	0.56	2	3	400	5920
2394	0.58	2	3	400	5920
2304	0.61	3	3	400	5920
2172	0.64	2	3	400	5920
2033	0.69	3	3	400	5920
2025	0.69	2	3	400	5920
1785	0.78	3	2	400	5920
1770	0.79	2	3	400	5920
1578	0.89	3	2	400	5920
1576	0.89	2	3	400	5920
1364	1.0	3	2	400	5920
1363	1.0	2	3	400	5920
1203	1.2	3	2	400	5920
1192	1.2	2	3	400	5920
1061	1.3	2	3	400	5920
1049	1.3	3	2	400	5920
931	1.5	2	3	400	5920
918	1.5	3	2	400	5920
822	1.7	2	3	400	5920
809	1.7	3	2	400	5920
706	2.0	2	3	400	5920
700	2.0	3	2	400	5920
622	2.3	3	2	400	5920
619	2.3	2	3	400	5920
543	2.6	3	2	400	5920
524	2.7	2	2	400	5920
489	2.9	2	2	400	5920
475	2.9	3	2	400	5920
427	3.3	2	2	400	5920
419	3.3	3	2	400	5920
381	3.7	2	2	400	5920
370	3.8	3	2	400	5920
334	4.2	2	2	400	5920
324	4.3	3	2	400	5920
295	4.7	2	2	400	5920
288	4.9	3	2	400	5920
253	5.5	2	2	400	5920
249	5.6	3	2	400	5920
218	6.4	3	2	400	5920
217	6.5	2	2	400	5920
193	7.3	3	2	400	5920
190	7.4	2	2	400	5920
178	7.9	2	2	400	5920
175	8.0	3	2	400	5920
149	9.4	2	2	400	5920
147	9.5	3	2	400	5920
131	11	2	2	400	5920
130	11	3	2	400	5920

JRTF57R37		600Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F57	R37		
14832	0.09	3	3	600	8200
13604	0.10	3	3	600	8200
12602	0.11	3	3	600	8200
11252	0.12	3	3	600	8200
9986	0.14	3	3	600	8200
8787	0.16	3	3	600	8200
7908	0.18	3	3	600	8200
6913	0.20	3	3	600	8200
6030	0.23	3	3	600	8200
5289	0.26	3	3	600	8200
4654	0.30	3	3	600	8200
4060	0.34	3	3	600	8200
3564	0.39	3	3	600	8200
3161	0.44	3	3	600	8200
2854	0.49	2	3	600	8200
2737	0.51	3	3	600	8200
2576	0.54	2	3	600	8200
2409	0.58	3	3	600	8200
2266	0.62	2	3	600	8200
2131	0.66	3	3	600	8200
2012	0.70	2	3	600	8200
1840	0.76	3	3	600	8200
1791	0.78	2	3	600	8200
1623	0.86	3	2	600	8200
1617	0.87	2	2	600	8200
1439	0.97	3	3	600	8200
1422	0.98	2	2	600	8200
1243	1.1	2	3	600	8200
1238	1.1	3	3	600	8200
1106	1.3	3	2	600	8200
1066	1.3	2	2	600	8200
967	1.4	3	3	600	8200
949	1.5	2	3	600	8200
856	1.6	2	2	600	8200
851	1.6	3	3	600	8200
749	1.9	2	2	600	8200
738	1.9	3	3	600	8200
658	2.1	2	2	600	8200
646	2.2	3	2	600	8200
558	2.5	3	3	600	8200
549	2.6	2	2	600	8200
506	2.8	3	3	600	8200
483	2.9	2	2	600	8200
452	3.1	3	3	600	8200
426	3.3	2	2	600	8200
386	3.6	3	2	600	8200
382	3.7	2	2	600	8200
338	4.1	3	2	600	8200
330	4.2	2	2	600	8200
298	4.7	2	2	600	8200
298	4.7	2	2	600	8200
262	5.3	2	2	600	8200
255	5.5	3	2	600	8200
226	6.2	2	2	600	8200
226	6.2	2	2	600	8200
201	7.0	3	2	600	8200
200	7.0	2	2	600	8200
181	7.7	3	2	600	8200
170	8.2	2	2	600	8200
155	9.0	3	2	600	8200
152	9.2	2	2	600	8200
134	10	2	2	600	8200

JRTF

JRTF67/77R37, JRTF87R57 n = 1400 1/min

JRTF67R37		820Nm			
i	n _a [1/min]	Stage		M _{amax} [Nm]	F _{Ra} [N]
		F67	R37		
19199	0.07	3	3	820	10300
17610	0.08	3	3	820	10300
14992	0.09	3	3	820	10300
12926	0.11	3	3	820	10300
11480	0.12	3	3	820	10300
10220	0.14	3	3	820	10300
8933	0.16	3	3	820	10300
7940	0.18	3	3	820	10300
7096	0.20	3	3	820	10300
6080	0.23	3	3	820	10300
5341	0.26	3	3	820	10300
4690	0.30	3	3	820	10300
4091	0.34	3	3	820	10300
3574	0.39	3	3	820	10300
3377	0.41	2	3	820	10300
3133	0.45	3	3	820	10300
2912	0.48	2	3	820	10300
2756	0.51	3	3	820	10300
2714	0.52	2	3	820	10300
2439	0.57	3	3	820	10300
2372	0.59	2	3	820	10300
2126	0.66	2	3	820	10300
2106	0.66	3	2	820	10300
1884	0.74	3	2	820	10300
1859	0.75	2	3	820	10300
1635	0.86	3	2	820	10300
1631	0.86	2	3	820	10300
1437	0.97	2	3	820	10300
1429	0.98	3	2	820	10300
1271	1.1	3	2	820	10300
1256	1.1	2	3	820	10300
1126	1.2	2	3	820	10300
1102	1.3	3	2	820	10300
984	1.4	2	3	820	10300
970	1.4	3	2	820	10300
864	1.6	2	3	820	10300
858	1.6	3	2	820	10300
755	1.9	3	2	820	10300
722	1.9	2	3	820	10300
641	2.2	3	2	820	10300
634	2.2	2	3	820	10300
572	2.4	3	2	820	10300
539	2.6	2	3	820	10300
509	2.8	3	2	820	10300
500	2.8	2	2	820	10300
454	3.1	2	2	820	10300
437	3.2	3	2	820	10300
392	3.6	2	2	820	10300
384	3.6	3	2	820	10300
338	4.1	3	2	820	10300
333	4.2	2	2	820	10300
305	4.6	3	2	820	10300
297	4.7	2	2	820	10300
261	5.4	2	2	820	10300
257	5.4	3	2	820	10300
238	5.9	2	2	820	10300
231	6.1	3	2	820	10300
205	6.8	3	2	820	10300
200	7.0	2	2	820	10300
176	8.0	2	2	820	10300
175	8.0	3	2	820	10300

JRTF77R37		1500Nm			
i	n _a [1/min]	Stage		M _{amax} [Nm]	F _{Ra} [N]
		F77	R37		
19180	0.07	3	3	1500	15700
17593	0.08	3	3	1500	15700
16128	0.09	3	3	1500	15700
14978	0.09	3	3	1500	15700
13731	0.10	3	3	1500	15700
12049	0.12	3	3	1500	15700
11035	0.13	3	3	1500	15700
9683	0.14	3	3	1500	15700
8464	0.17	3	3	1500	15700
7520	0.19	3	3	1500	15700
6580	0.21	3	3	1500	15700
5808	0.24	3	3	1500	15700
5026	0.28	3	3	1500	15700
4931	0.28	2	3	1110	17900
4523	0.31	2	3	1110	17900
4435	0.32	3	3	1500	15700
3851	0.36	2	3	1110	17900
3832	0.37	3	3	1500	15700
3381	0.41	3	3	1500	15700
3320	0.42	2	3	1110	17900
3095	0.45	2	3	1110	17900
2978	0.47	3	3	1500	15700
2705	0.52	2	3	1110	17900
2613	0.54	3	3	1500	15700
2536	0.55	2	3	1110	17900
2284	0.61	3	3	1500	15700
2238	0.63	2	3	1110	17900
2039	0.69	2	3	1110	17900
2029	0.69	3	2	1500	15700
1759	0.80	2	3	1110	17900
1728	0.81	3	2	1500	15700
1639	0.85	2	3	1110	17900
1544	0.91	3	2	1500	15700
1433	0.98	2	3	1110	17900
1354	1.0	3	2	1500	15700
1343	1.0	2	3	1110	17900
1200	1.2	3	2	1500	15700
1185	1.2	2	3	1110	17900
1053	1.3	3	2	1500	15700
1051	1.3	2	3	1100	17900
910	1.5	3	2	1500	15700
893	1.6	2	3	1110	17900
815	1.7	2	2	1110	17900
810	1.7	3	2	1500	15700
710	2.0	3	2	1500	15700
706	2.0	2	2	1110	17900
660	2.1	2	2	1110	17900
615	2.3	3	2	1500	15700
571	2.5	2	2	1110	17900
538	2.6	3	2	1500	15700
485	2.9	2	2	1110	17900
480	2.9	3	2	1500	15700
433	3.2	2	2	1110	17900
413	3.4	3	2	1500	15700
370	3.8	2	2	1110	17900
367	3.8	3	2	1500	15700
346	4.0	2	2	1110	17900
323	4.3	3	2	1500	15700
292	4.8	2	2	1110	17900
280	5.0	3	2	1500	15700
247	5.7	3	2	1500	15700
221	6.3	3	2	1500	15700
199	7.0	3	2	1500	15700

JRTF87R57		3000Nm			
i	n _a [1/min]	Stage		M _{amax} [Nm]	F _{Ra} [N]
		F87	R57		
23042	0.06	3	3	3000	19800
20462	0.07	3	3	3000	19800
18238	0.08	3	3	3000	19800
15877	0.09	3	3	3000	19800
14099	0.10	3	3	3000	19800
12205	0.11	3	3	3000	19800
10433	0.13	3	3	3000	19800
9381	0.15	3	3	3000	19800
8142	0.17	3	3	3000	19800
7100	0.20	3	3	3000	19800
6273	0.22	3	3	3000	19800
5510	0.25	3	3	3000	19800
4954	0.28	3	3	3000	19800
4952	0.28	2	3	3000	19800
4562	0.31	2	3	3000	19800
4245	0.33	3	3	3000	19800
3919	0.36	2	3	3000	19800
3721	0.38	3	3	3000	19800
3503	0.40	2	3	3000	19800
3244	0.43	3	2	3000	19800
3196	0.44	2	3	3000	19800
2881	0.49	3	2	3000	19800
2857	0.49	2	3	3000	19800
2576	0.54	3	2	3000	19800
2524	0.55	2	3	3000	19800
2199	0.64	3	2	3000	19800
2134	0.66	2	3	3000	19800
1930	0.73	3	2	3000	19800
1913	0.73	2	3	3000	19800
1717	0.82	2	3	3000	19800
1709	0.82	3	2	3000	19800
1493	0.94	3	2	3000	19800
1476	0.95	2	3	3000	19800
1300	1.1	3	2	3000	19800
1278	1.1	2	3	3000	19800
1148	1.2	3	2	3000	19800
1142	1.2	2	3	3000	19800
1010	1.4	3	2	3000	19800
988	1.4	2	3	3000	19800
887	1.6	3	2	3000	19800
883	1.6	2	3	3000	19800
780	1.8	3	2	3000	19800
748	1.9	2	3	3000	19800
674	2.1	3	2	3000	19800
662	2.1	2	2	3000	19800
609	2.3	3	2	3000	19800
592	2.4	2	2	3000	19800
519	2.7	2	2	3000	19800
515	2.7	3	2	3000	19800
468	3.0	2	2	3000	19800
452	3.1	3	2	3000	19800
398	3.5	2	2	3000	19800
350	4.0	2	2	3000	19800
345	4.1	3	2	3000	19800
315	4.4	2	2	3000	19800
300	4.7	3	2	3000	19800
281	5.0	2	2	3000	19800
249	5.6	3	2	3000	19800
240	5.8	2	2	3000	19800
211	6.6	2	2	3000	19800
193	7.3	2	2	3000	19800

JRTF97R57, JRTF107R77, JRTF127R77 $n_e=1400$ 1/min

JRTF97R57		4300Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F97	R57		
29211	0.05	3	3	4300	29900
26911	0.05	3	3	4300	29900
23814	0.06	3	3	4300	29900
20813	0.07	3	3	4300	29900
18119	0.08	3	3	4300	29900
15472	0.09	3	3	4300	29900
14022	0.10	3	3	4300	29900
12324	0.11	3	3	4300	29900
10838	0.13	3	3	4300	29900
9576	0.15	3	3	4300	29900
8318	0.17	3	3	4300	29900
7328	0.19	3	3	4300	29900
6469	0.22	3	3	4300	29900
6338	0.22	2	3	4300	29900
5680	0.25	2	3	4300	29900
5615	0.25	3	3	4300	29900
5016	0.28	2	3	4300	29900
4961	0.28	3	3	4300	29900
4367	0.32	2	3	4300	29900
4333	0.32	3	3	4300	29900
3914	0.36	2	3	4300	29900
3906	0.36	3	2	4300	29900
3357	0.42	2	3	4300	29900
3352	0.42	3	2	4300	29900
3009	0.47	2	3	4300	29900
2907	0.48	3	2	4300	29900
2553	0.55	3	2	4300	29900
2448	0.57	2	3	4300	29900
2245	0.62	3	2	4300	29900
2199	0.64	2	3	4300	29900
1971	0.71	2	3	4300	29900
1970	0.71	3	2	4300	29900
1741	0.80	2	3	4300	29900
1722	0.81	3	2	4300	29900
1527	0.92	3	2	4300	29900
1468	0.95	2	3	4300	29900
1327	1.1	3	2	4300	29900
1316	1.1	2	3	4300	29900
1189	1.2	2	3	4300	29900
1171	1.2	3	2	4300	29900
1023	1.4	2	3	4300	29900
1022	1.4	3	2	4300	29900
898	1.6	3	2	4300	29900
892	1.6	2	2	4300	29900
784	1.8	3	2	4300	29900
760	1.8	2	2	4300	29900
690	2.0	3	2	4300	29900
667	2.1	2	2	4300	29900
605	2.3	3	2	4300	29900
569	2.5	2	2	4300	29900
529	2.6	3	2	4300	29900
510	2.7	2	2	4300	29900
473	3.0	2	2	4300	29900
467	3.0	3	2	4300	29900
406	3.4	3	2	4300	29900
403	3.5	2	2	4300	29900
363	3.9	3	2	4300	29900
361	3.9	2	2	4300	29900
317	4.4	2	2	4300	29900
285	4.9	3	2	4300	29900
275	5.1	2	2	4300	29900
245	5.7	3	2	4300	29900
242	5.8	2	2	4300	29900
208	6.7	3	2	4300	29900
195	7.2	3	2	4300	29900

JRTF107R77		7840Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F107	R77		
25375	0.06	3	3	7680	49800
21652	0.06	3	3	7680	49800
18933	0.07	3	3	7680	49800
16888	0.08	3	3	7680	49800
14767	0.09	3	3	7680	49800
11348	0.12	3	3	7680	49800
10039	0.14	3	3	7680	49800
8548	0.16	3	3	7680	49800
7674	0.18	3	3	7680	49800
6767	0.21	3	3	7680	49800
5954	0.24	3	3	7680	49800
5383	0.26	2	3	7840	49400
5223	0.27	3	3	7680	49800
4593	0.30	2	3	7840	49400
4567	0.31	3	3	7680	49800
4016	0.35	2	3	7840	49400
3948	0.35	3	3	7680	49800
3815	0.37	2	3	7840	49400
3521	0.40	3	3	7680	49800
3347	0.42	2	3	7840	49400
3037	0.46	3	2	7680	49800
2839	0.49	2	3	7840	49400
2756	0.51	3	2	7680	49800
2563	0.55	2	3	7840	49400
2369	0.59	3	2	7680	49800
2255	0.62	2	3	7840	49400
2129	0.66	2	3	7840	49400
2068	0.68	3	2	7840	49400
1826	0.77	3	2	7680	49800
1813	0.77	2	3	7840	49400
1597	0.88	3	2	7680	49800
1590	0.88	2	3	7840	49400
1436	0.97	2	3	7840	49400
1401	1.0	3	2	7680	49800
1263	1.1	2	3	7840	49400
1243	1.1	3	2	7680	49800
1193	1.2	2	3	7840	49400
1087	1.3	3	2	7680	49800
1015	1.4	2	3	7840	49400
950	1.5	3	2	7680	49800
923	1.5	2	3	7840	49400
834	1.7	3	2	7680	49800
800	1.8	2	3	7840	49400
736	1.9	3	2	7680	49800
696	2.0	2	3	7840	49400
644	2.2	2	2	7840	49400
640	2.2	3	2	7680	49800
591	2.4	2	2	7840	49400
560	2.5	3	2	7680	49800
518	2.7	2	2	7840	49400
491	2.9	2	2	7840	49400
489	2.9	3	2	7680	49800
436	3.2	3	2	7680	49800
430	3.3	2	2	7840	49400
387	3.6	2	2	7840	49400
370	3.8	3	2	7680	49800
340	4.1	2	2	7840	49400
333	4.2	3	2	7680	49800
300	4.7	2	2	7840	49400
291	4.8	3	2	7680	49800
266	5.3	2	2	7840	49400
255	5.5	3	2	7680	49800
225	6.2	3	2	7680	49800
190	7.4	3	2	7680	49800

JRTF127R77		12000Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F127	R77		
24478	0.06	3	3	12000	90000
22323	0.06	3	3	12000	90000
19048	0.07	3	3	12000	90000
16656	0.08	3	3	12000	90000
14722	0.10	3	3	12000	90000
12912	0.11	3	3	12000	90000
11656	0.12	3	3	12000	90000
10191	0.14	3	3	12000	90000
8831	0.16	3	3	12000	90000
7643	0.18	3	3	12000	90000
6715	0.21	3	3	12000	90000
5925	0.24	3	3	12000	90000
5153	0.27	3	3	12000	90000
4533	0.31	3	3	12000	90000
3926	0.36	3	3	12000	90000
3454	0.41	3	3	12000	90000
3031	0.46	3	3	12000	90000
2672	0.52	3	2	12000	90000
2357	0.59	3	2	12000	90000
2038	0.69	3	2	12000	90000
1784	0.78	3	2	12000	90000
1606	0.87	3	2	12000	90000
1390	1.0	3	2	12000	90000
1220	1.1	3	2	12000	90000
1077	1.3	3	2	12000	90000
930	1.5	3	2	12000	90000
820	1.7	3	2	12000	90000
727	1.9	3	2	12000	90000
648	2.2	3	2	12000	90000
549	2.6	3	2	12000	90000
495	2.8	3	2	12000	90000
428	3.3	3	2	12000	90000
376	3.7	3	2	12000	90000

JRTF127R87, JRTF157R97, JRTF167R97 $n_g=1400$ 1/min

JRTF127R87			12000Nm			
i	n_a [1/min]	Stage F127 R87	M_{amax} [Nm]	F_{Ra} [N]		
483	2.9	3 2	12000	90000		
418	3.3	3 2	12000	90000		
374	3.7	3 2	12000	90000		
312	4.5	3 2	12000	90000		
293	4.8	3 2	12000	90000		
259	5.4	3 2	12000	90000		
223	6.3	3 2	12000	90000		
198	7.1	3 2	12000	90000		
166	8.4	3 2	12000	90000		

JRTF157R97			18000Nm			
i	n_a [1/min]	Stage F157 R97	M_{amax} [Nm]	F_{Ra} [N]		
31434	0.04	3 3	18000	100300		
26173	0.05	3 3	18000	100300		
23464	0.06	3 3	18000	100300		
20212	0.07	3 3	18000	100300		
17984	0.08	3 3	18000	100300		
16358	0.09	3 3	18000	100300		
13751	0.10	3 3	18000	100300		
12235	0.11	3 3	18000	100300		
10033	0.14	3 3	18000	100300		
9021	0.16	3 3	18000	100300		
8026	0.17	3 3	18000	100300		
7075	0.20	3 3	18000	100300		
6295	0.22	3 3	18000	100300		
5404	0.26	3 3	18000	100300		
4831	0.29	3 3	18000	100300		
4130	0.34	3 3	18000	100300		
3607	0.39	3 3	18000	100300		
3210	0.44	3 3	18000	100300		
2780	0.50	3 3	18000	100300		
2427	0.58	3 2	18000	100300		
2185	0.64	3 2	18000	100300		
1944	0.72	3 2	18000	100300		
1674	0.84	3 2	18000	100300		
1441	0.97	3 3	18000	100300		
1308	1.1	3 2	18000	100300		
1169	1.2	3 2	18000	100300		
953	1.5	3 2	18000	100300		
845	1.7	3 2	18000	100300		
764	1.8	3 2	18000	100300		
680	2.1	3 2	18000	100300		
576	2.4	3 2	18000	100300		
503	2.8	3 2	18000	100300		
446	3.1	3 2	18000	100300		
353	4.0	3 2	18000	100300		
302	4.6	3 2	18000	100300		
273	5.1	3 2	18000	100300		
232	6.0	3 2	18000	100300		
202	6.9	3 2	18000	100300		
197	7.1	3 2	18000	100300		

JRTF167R97			32000Nm			
i	n_a [1/min]	Stage F167 R97	M_{amax} [Nm]	F_{Ra} [N]		
21910	0.06	3 3	32000	150000		
19337	0.07	3 3	32000	150000		
16663	0.08	3 3	32000	150000		
14706	0.10	3 3	32000	150000		
12857	0.11	3 3	32000	150000		
11402	0.12	3 3	32000	150000		
9585	0.15	3 3	32000	150000		
7289	0.19	3 3	32000	150000		
5949	0.24	3 3	32000	150000		
5319	0.26	3 3	32000	150000		
4531	0.31	3 3	32000	150000		
3750	0.37	3 3	32000	150000		
3060	0.46	3 3	32000	150000		
2514	0.56	3 3	32000	150000		
2056	0.68	3 2	32000	150000		
1893	0.74	3 2	32000	150000		
1564	0.90	3 2	32000	150000		
1439	0.97	3 2	32000	150000		
1223	1.14	3 2	32000	150000		
1049	1.33	3 2	32000	150000		
937	1.49	3 2	32000	150000		
841	1.67	3 2	32000	150000		
703	1.99	3 2	32000	150000		
623	2.25	3 2	32000	150000		
534	2.62	3 2	32000	150000		
470	2.98	3 2	32000	150000		
409	3.42	3 2	32000	150000		

JRTF167R107, JRTF177R97, JRTF177R107 $n_g=1400$ 1/min

JRTF167R107		32000 Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F167	R107		
368	3.81	2	2	32000	150000
350	4.00	2	2	32000	150000
314	4.46	2	2	32000	150000
283	4.95	2	2	32000	150000
257	5.44	2	2	32000	150000
228	6.14	2	2	32000	150000
207	6.76	2	2	32000	150000
178	7.87	2	2	32000	150000

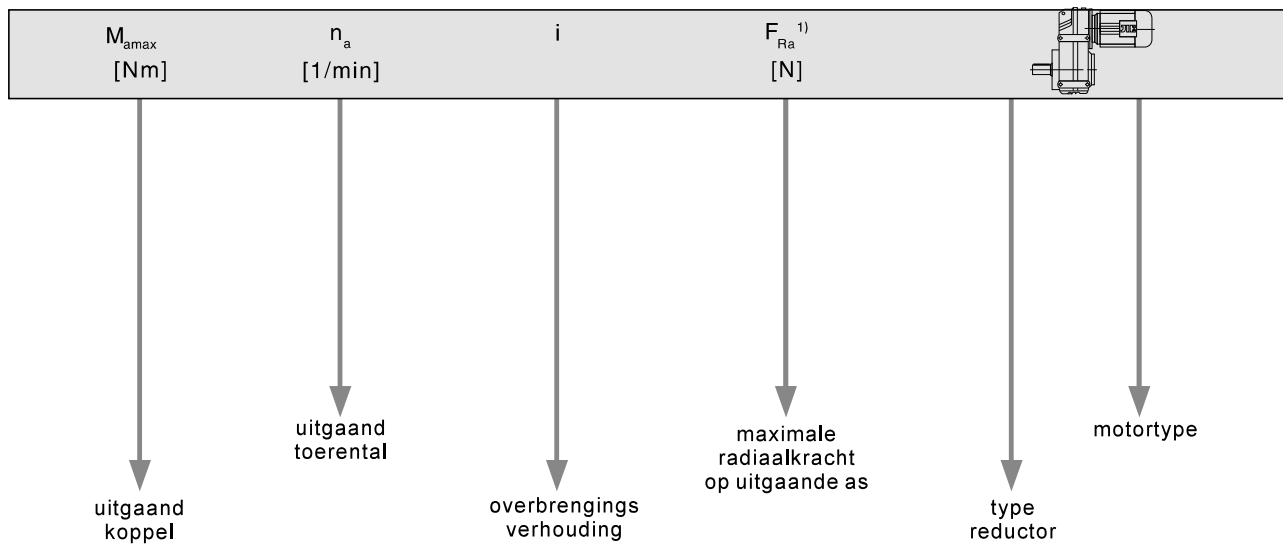
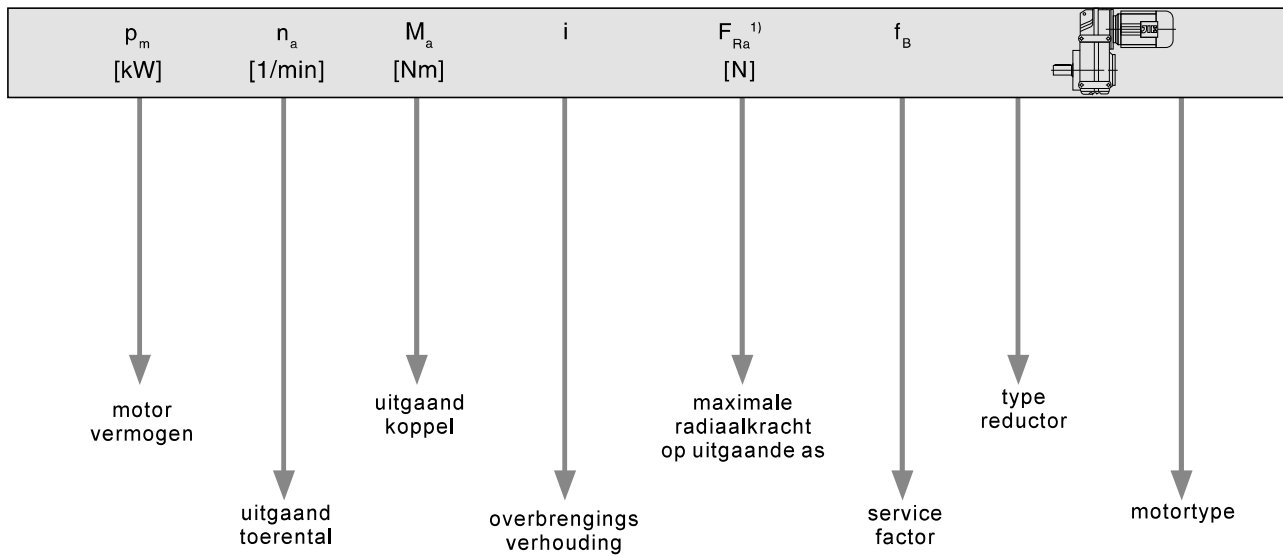
JRTF177R97		50000 Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F177	R97		
39228	0.04	3	3	50000	190000
32663	0.04	3	3	50000	190000
29282	0.05	3	3	50000	190000
23019	0.06	3	3	50000	190000
20414	0.07	3	3	50000	190000
17161	0.08	3	3	50000	190000
15770	0.09	3	3	50000	190000
14005	0.10	3	3	50000	190000
12521	0.12	3	3	50000	190000
11258	0.13	3	3	50000	190000
9771	0.15	3	3	50000	190000
8829	0.16	3	3	50000	190000
8113	0.18	3	3	50000	190000
7204	0.20	3	3	50000	190000
6991	0.21	2	3	50000	190000
6442	0.23	3	3	50000	190000
5792	0.25	3	3	50000	190000
5219	0.28	2	3	50000	190000
4339	0.33	3	2	50000	190000
4103	0.35	2	3	50000	190000
3681	0.39	3	2	50000	190000
3638	0.40	2	3	50000	190000
3389	0.43	3	2	50000	190000
3058	0.47	2	3	50000	190000
2811	0.52	2	3	50000	190000
2496	0.58	2	3	50000	190000
2232	0.65	2	3	50000	190000
2006	0.72	2	3	50000	190000
1930	0.75	3	2	50000	190000
1741	0.83	2	3	50000	190000
1711	0.85	3	2	50000	190000
1574	0.92	2	3	50000	190000
1446	1.0	2	3	50000	190000
1258	1.2	3	2	50000	190000
1032	1.4	2	3	50000	190000
888	1.6	3	2	50000	190000
773	1.9	2	3	50000	190000
656	2.2	2	2	50000	190000
604	2.4	2	2	50000	190000
540	2.7	2	2	50000	190000
486	3.0	2	2	50000	190000
440	3.3	2	2	50000	190000
390	3.7	2	2	50000	190000
344	4.2	2	2	50000	190000
305	4.8	2	2	50000	190000
224	6.5	2	2	50000	190000
202	7.2	2	2	50000	190000
158	9.2	2	2	50000	190000
133	11	2	2	50000	190000
113	13	2	2	50000	190000

JRTF177R107		50000 Nm			
i	n_a [1/min]	Stage		M_{amax} [Nm]	F_{Ra} [N]
		F177	R107		
1004	1.4	3	2	50000	190000
876	1.7	3	2	50000	190000
740	2.0	3	2	50000	190000
522	2.8	3	2	50000	190000
455	3.2	3	2	50000	190000
427	3.4	3	2	50000	190000
295	4.9	2	2	50000	190000
262	5.5	3	2	50000	190000
222	6.5	3	2	50000	190000
194	7.5	3	2	50000	190000
179	8.1	2	2	50000	190000
164	8.8	3	2	50000	190000
156	9.3	2	2	50000	190000
148	9.8	2	2	50000	190000
133	10.9	2	3	50000	190000
126	11.5	2	2	50000	190000
110	13.2	2	2	50000	190000
93	15.6	2	2	50000	190000
76	19.0	2	2	50000	190000

JRTF

7.4 Selectietabellen

Selectietabel voor motorreductoren



uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.12kW					
0.06	15000	22323	84600	0.80	
0.07	12600	19048	89300	0.95	JRTFA127R77DS63S4
0.08	10800	16656	90000	1.10	JRTFAF127R77DS63S4
0.09	9870	14722	90000	1.20	JRTF127R77DS63S4
0.11	7980	12912	90000	1.50	JRTFF127R77DS63S4
0.12	7090	11656	90000	1.70	
0.14	6300	10191	90000	1.90	
0.09	9590	14767	44400	0.80	
0.12	7610	11348	50000	1.00	
0.14	5890	10039	54300	1.30	JRTFA107R77DS63S4
0.16	4880	8548	56600	1.55	JRTFAF107R77DS63S4
0.18	4740	7674	56900	1.60	JRTF107R77DS63S4
0.20	4120	6767	58200	1.85	JRTFF107R77DS63S4
0.23	3530	5954	59400	2.2	
0.26	3070	5223	60300	2.5	
0.30	2890	4567	60600	2.7	
0.39	2140	3521	61900	3.6	
0.19	4800	7328	23100	0.90	JRTFA97R57DS63S4
0.21	4040	6469	30700	1.05	JRTFAF97R57DS63S4
0.25	3680	5615	31600	1.15	JRTF97R57DS63S4
0.28	3200	4961	32800	1.35	JRTFF97R57DS63S4
0.32	2800	4333	33800	1.55	
0.35	2550	3906	34300	1.70	JRTFA97R57DS63S4
0.41	2210	3352	35000	1.95	JRTFAF97R57DS63S4
0.47	1820	2907	35700	2.4	JRTF97R57DS63S4
0.54	1670	2553	36000	2.6	JRTFF97R57DS63S4
0.28	3250	4954	3640	0.90	JRTFA87R57DS63S4
0.33	2690	4245	24100	1.10	JRTFAF87R57DS63S4
0.37	2200	3721	25800	1.35	JRTF87R57DS63S4
					JRTFF87R57DS63S4
0.43	2140	3244	26000	1.40	
0.48	1900	2881	26700	1.60	
0.54	1700	2576	27300	1.75	
0.63	1440	2199	28000	2.1	JRTFA87R57DS63S4
0.72	1240	1930	28400	2.4	JRTFAF87R57DS63S4
0.81	1120	1709	28700	2.7	JRTF87R57DS63S4
0.92	980	1493	29000	3.0	JRTFF87R57DS63S4
1.1	785	1300	29400	3.8	
1.2	710	1148	29500	4.2	
0.53	1750	2613	13800	0.85	JRTFA77R57DS63S4
0.60	1520	2284	15600	1.00	JRTFAF77R57DS63S4
0.68	1340	2029	16700	1.10	JRTF77R57DS63S4
					JRTFF77R57DS63S4
0.80	1130	1728	17800	1.35	JRTFA77R57DS63S4
0.89	1040	1544	18200	1.45	JRTFAF77R57DS63S4
1.0	910	1354	18600	1.65	JRTF77R57DS63S4
					JRTFF77R57DS63S4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.12kW					
1.1	810	1200	19000	1.85	JRTFA77R57DS63S4
1.3	710	1053	19200	2.1	JRTFAF77R57DS63S4
1.5	605	910	19500	2.5	JRTF77R57DS63S4
1.7	510	810	19700	2.9	JRTFF77R57DS63S4
1.9	445	710	19800	3.4	
0.97	920	1429	9270	0.90	
1.1	830	1271	10200	1.00	
1.2	700	1102	11300	1.15	JRTFA67R37DS63S4
1.4	615	970	11800	1.35	JRTFAF67R37DS63S4
1.6	540	858	12200	1.50	JRTF67R37DS63S4
1.8	475	755	12500	1.75	JRTFF67R37DS63S4
2.2	405	641	12800	2.0	
2.4	375	572	12900	2.2	
2.7	320	509	13000	2.6	
3.2	275	437	13000	3.0	
1.4	655	967	5860	0.90	
1.6	585	851	9320	1.05	
1.9	500	738	9920	1.20	JRTFA57R37DS63S4
2.1	435	646	10400	1.40	JRTFAF57R37DS63S4
2.5	370	558	10700	1.60	JRTF57R37DS63S4
2.7	330	506	11000	1.80	JRTFF57R37DS63S4
3.0	285	452	11200	2.1	
3.2	295	426	11200	2.0	JRTFA57R37DS63S4
3.6	260	382	11300	2.3	JRTFAF57R37DS63S4
4.2	225	330	11500	2.7	JRTF57R37DS63S4
4.6	200	298	11500	3.0	JRTFF57R37DS63S4
5.3	177	262	11500	3.4	
2.2	425	622	3390	0.95	JRTFA47R17DS63S4
2.5	370	543	6320	1.10	JRTFAF47R17DS63S4
2.9	320	475	6890	1.25	JRTF47R17DS63S4
3.3	280	419	7250	1.45	JRTFF47R17DS63S4
2.6	365	524	6390	1.10	
2.8	340	489	6690	1.20	JRTFA47R17DS63S4
3.2	290	427	7130	1.35	JRTFAF47R17DS63S4
3.6	260	381	7400	1.55	JRTF47R17DS63S4
4.1	225	334	7610	1.75	JRTFF47R17DS63S4
4.7	198	295	7780	2.0	
5.4	166	253	7940	2.4	
4.3	210	322	4130	0.95	JRTFA37R17DS63S4
5.0	184	278	4510	1.10	JRTFAF37R17DS63S4
5.7	157	242	4810	1.30	JRTF37R17DS63S4
6.2	149	221	4890	1.35	JRTFF37R17DS63S4
4.2	225	326	3890	0.90	
4.8	195	285	4370	1.05	JRTFA37R17DS63S4
5.5	170	250	4670	1.20	JRTFAF37R17DS63S4
6.3	150	219	4880	1.35	JRTF37R17DS63S4
7.4	127	186	5080	1.60	JRTFF37R17DS63S4
8.3	114	167	5170	1.75	

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.12kW					
3.9	290	228.99	13000	2.8	JRTFA67DS63M6
4.6	250	195.39	13000	3.3	JRTFAF67DS63M6
5.3	220	170.85	13000	3.8	JRTF67DS63M6
5.6	205	162.31	13000	4.0	JRTFF67DS63M6
6.3	181	142.40	13000	4.5	
4.5	255	199.70	11400	2.4	JRTFA57DS63M6
4.9	235	183.60	11500	2.6	JRTFAF57DS63M6
5.7	200	157.09	11500	3.0	JRTF57DS63M6
6.6	173	136.16	11500	3.5	JRTFF57DS63M6
7.1	162	127.27	11500	3.7	
6.9	166	199.70	11500	3.6	JRTFA57DS63S4
7.5	153	183.60	11500	3.9	JRTFAF57DS63S4
8.8	130	157.09	11500	4.6	JRTF57DS63S4
10	113	136.16	11500	5.3	JRTFF57DS63S4
4.7	245	190.76	7510	1.65	
5.1	225	175.38	7640	1.80	
6.0	191	150.06	7820	2.1	JRTFA47DS63M6
6.9	166	130.07	7940	2.4	JRTFAF47DS63M6
7.4	155	121.57	7990	2.6	JRTF47DS63M6
8.6	134	105.09	8070	3.0	JRTFF47DS63M6
10	114	89.29	8130	3.5	
11	102	79.72	8160	3.9	
7.2	158	190.76	7970	2.5	JRTFA47DS63S4
7.9	146	175.38	8020	2.8	JRTFAF47DS63S4
9.2	125	150.06	8100	3.2	JRTF47DS63S4
11	108	130.07	8150	3.7	JRTFF47DS63S4
7.0	164	128.51	4740	1.20	JRTFA37DS63M6
7.6	150	117.88	4880	1.35	JRTFAF37DS63M6
9.0	128	100.36	5070	1.55	JRTF37DS63M6
10	110	86.53	5190	1.80	JRTFF37DS63M6
11	103	80.65	5240	1.95	
11	107	128.51	5220	1.85	
12	98	117.88	5270	2.0	
14	83	100.36	5340	2.4	
16	72	86.53	5400	2.8	
17	67	80.65	5410	3.0	
20	59	70.50	5440	3.4	
21	55	66.09	5460	3.6	JRTFA37DS63S4
24	48	58.32	5470	4.1	JRTFAF37DS63S4
25	45	54.54	5480	4.4	JRTF37DS63S4
27	43	51.70	5490	4.7	JRTFF37DS63S4
29	39	47.02	5500	5.1	
31	36	43.83	5500	5.5	
36	32	38.31	5510	6.3	
38	30	35.91	5520	6.7	
44	26	31.69	5520	7.6	
49	23	28.09	5520	8.6	
58	20	23.88	5270	10	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.12kW					
58	20	23.63	5250	10	
67	17	20.57	5030	12	
72	16	19.27	4930	13	
81	14	17.03	4740	14	
87	13	15.81	4630	15	
96	12	14.33	4490	17	
107	11	12.87	4330	19	JRTFA37DS63S4
125	9.2	11.08	4130	21	JRTFAF37DS63S4
132	8.7	10.42	4050	21	JRTF37DS63S4
154	7.4	8.97	3860	24	JRTFF37DS63S4
186	6.2	7.44	3630	23	
205	5.6	6.74	3510	25	
228	5.0	6.05	3390	27	
265	4.3	5.21	3230	29	
282	4.1	4.90	3170	29	
327	3.5	4.22	3020	31	
0.18kW					
0.10	13500	12912	87500	0.90	
0.11	12100	11656	90000	1.00	JRTFA127R77DS63M4
0.13	10700	10191	90000	1.10	JRTFAF127R77DS63M4
0.15	8980	8831	90000	1.35	JRTF127R77DS63M4
0.17	7770	7643	90000	1.55	JRTFF127R77DS63M4
0.20	7150	6715	90000	1.70	
0.15	8560	8548	47400	0.90	
0.17	8050	7674	48800	0.95	
0.20	7030	6767	51500	1.10	JRTFA107R77DS63M4
0.22	6090	5954	53800	1.25	JRTFAF107R77DS63M4
0.25	5310	5223	55600	1.45	JRTF107R77DS63M4
0.29	4860	4567	56600	1.60	JRTFF107R77DS63M4
0.37	3660	3521	59100	2.1	
0.43	3170	3037	60100	2.4	JRTFA107R77DS63M4
0.48	2880	2756	60600	2.7	JRTFAF107R77DS63M4
0.56	2470	2369	61400	3.1	JRTF107R77DS63M4
0.64	2160	2068	61900	3.6	JRTFF107R77DS63M4
0.30	4660	4333	27900	0.90	JRTFA97R57DS63M4
					JRTFAF97R57DS63M4
					JRTF97R57DS63M4
					JRTFF97R57DS63M4
0.34	4260	3906	30000	1.00	
0.39	3670	3352	31600	1.15	
0.45	3100	2907	33100	1.40	
0.52	2790	2553	33800	1.55	JRTFA97R57DS63M4
0.59	2450	2245	34500	1.75	JRTFAF97R57DS63M4
0.67	2130	1970	35200	2.0	JRTF97R57DS63M4
0.77	1890	1722	35600	2.3	JRTFF97R57DS63M4
0.86	1670	1527	36000	2.6	
0.99	1380	1327	36500	3.1	
1.1	1280	1171	36600	3.3	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.18kW					
0.46	3160	2881	12300	0.95	
0.51	2820	2576	23600	1.05	
0.60	2400	2199	25200	1.25	
0.68	2080	1930	26200	1.45	JRTFA87R57DS63M4
0.77	1860	1709	26800	1.60	JRTFAF87R57DS63M4
0.88	1640	1493	27500	1.85	JRTF87R57DS63M4
1.0	1350	1300	28200	2.2	JRTFF87R57DS63M4
1.1	1210	1148	28500	2.5	
1.3	1050	1010	28900	2.9	
1.5	940	887	29100	3.2	
1.7	810	780	29400	3.7	
0.76	1880	1728	7810	0.80	
0.86	1710	1544	14100	0.90	
0.98	1500	1354	15700	1.00	
1.1	1330	1200	16800	1.15	JRTFA77R37DS63M4
1.2	1170	1053	17600	1.30	JRTFAF77R37DS63M4
1.5	1000	910	18300	1.50	JRTF77R37DS63M4
1.6	860	810	18800	1.75	JRTFF77R37DS63M4
1.9	755	710	19100	2.0	
2.2	670	615	19300	2.2	
1.5	910	858	9370	0.90	
1.8	800	755	10400	1.00	JRTFA67R37DS63M4
2.1	685	641	11400	1.20	JRTFAF67R37DS63M4
2.3	625	572	11800	1.30	JRTF67R37DS63M4
2.6	540	509	12200	1.50	JRTFF67R37DS63M4
3.0	470	437	12600	1.75	
3.4	420	384	12700	1.95	
2.6	560	500	12100	1.45	
2.9	510	454	12400	1.60	
3.4	440	392	12700	1.85	JRTFA67R37DS63M4
4.0	370	333	12900	2.2	JRTFAF67R37DS63M4
4.4	325	297	13000	2.5	JRTF67R37DS63M4
5.1	285	261	13000	2.9	JRTFF67R37DS63M4
5.6	260	238	13000	3.2	
6.6	215	200	13000	3.8	
2.4	615	558	9080	1.00	JRTFA57R37DS63M4
2.6	550	506	9560	1.10	JRTFAF57R37DS63M4
2.9	485	452	10000	1.25	JRTF57R37DS63M4
3.4	415	386	10500	1.45	JRTFF57R37DS63M4
3.9	360	338	10800	1.65	
3.1	485	426	10000	1.25	
3.5	430	382	10400	1.40	JRTFA57R37DS63M4
4.0	370	330	10700	1.60	JRTFAF57R37DS63M4
4.4	335	298	11000	1.80	JRTF57R37DS63M4
5.0	295	262	11200	2.0	JRTFF57R37DS63M4
5.8	250	226	11400	2.4	
6.6	215	200	11500	2.8	
3.6	400	370	5920	1.00	JRTFA47R17DS63M4
4.1	365	324	6410	1.10	JRTFAF47R17DS63M4
4.6	315	288	6910	1.25	JRTF47R17DS63M4
5.3	270	249	7310	1.50	JRTFF47R17DS63M4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.18kW					
4.0	375	334	6260	1.05	
4.5	330	295	6780	1.20	JRTFA47R17DS63M4
5.2	280	253	7250	1.45	JRTFAF47R17DS63M4
6.1	245	217	7490	1.60	JRTF47R17DS63M4
7.0	215	190	7690	1.85	JRTFF47R17DS63M4
7.4	200	178	7770	2.0	
7.1	210	186	4160	0.95	JRTFA37R17DS63M4
7.9	188	167	4460	1.05	JRTFAF37R17DS63M4
9.1	166	145	4720	1.20	JRTF37R17DS63M4
10	146	129	4910	1.35	JRTFF37R17DS63M4
3.1	555	281.71	19600	2.7	JRTFA77DS63L6
3.3	520	262.93	19700	2.9	JRTFAF77DS63L6
3.8	445	225.79	19800	3.4	JRTF77DS63L6
					JRTFF77DS63L6
3.8	450	228.99	12600	1.80	JRTFA67DS63L6
4.4	385	195.39	12900	2.1	JRTFAF67DS63L6
5.1	340	170.85	13000	2.4	JRTF67DS63L6
					JRTFF67DS63L6
5.8	300	228.99	13000	2.8	JRTFA67DS63M4
6.8	255	195.39	13000	3.2	JRTFAF67DS63M4
7.7	225	170.85	13000	3.7	JRTF67DS63M4
					JRTFF67DS63M4
4.4	395	199.70	10600	1.50	
4.7	365	183.60	10800	1.65	JRTFA57DS63L6
5.5	310	157.09	11100	1.95	JRTFAF57DS63L6
6.4	270	136.16	11300	2.2	JRTF57DS63L6
6.8	250	127.27	11400	2.4	JRTFF57DS63L6
7.9	215	110.01	11400	2.8	
6.6	260	199.70	11300	2.3	JRTFA57DS63M4
7.2	240	183.60	11500	2.5	JRTFAF57DS63M4
8.4	205	157.09	11500	2.9	JRTF57DS63M4
9.7	177	136.16	11500	3.4	JRTFF57DS63M4
10	166	127.27	11500	3.6	
4.6	375	190.76	6240	1.05	JRTFA47DS63L6
5.0	345	175.38	6600	1.15	JRTFAF47DS63L6
5.8	295	150.06	7090	1.35	JRTF47DS63L6
6.7	255	130.07	7410	1.55	JRTFF47DS63L6
7.2	240	121.57	7530	1.65	
6.9	250	190.76	7470	1.60	JRTFA47DS63M4
7.5	230	175.38	7610	1.75	JRTFAF47DS63M4
8.8	195	150.06	7800	2.0	JRTF47DS63M4
10	169	130.07	7920	2.4	JRTFF47DS63M4
11	158	121.57	7970	2.5	
7.4	235	117.88	3750	0.85	JRTFA37DS63L6
8.7	198	100.36	4320	1.00	JRTFAF37DS63L6
10	171	86.53	4660	1.15	JRTF37DS63L6
11	159	80.65	4790	1.25	JRTFF37DS63L6
12	139	70.50	4970	1.45	

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.18kW					
10	167	128.51	4700	1.20	
11	154	117.88	4850	1.30	
13	131	100.36	5050	1.55	
15	113	86.53	5180	1.75	
16	105	80.65	5230	1.90	
19	92	70.50	5300	2.2	
20	86	66.09	5330	2.3	JRTFA37DS63M4
23	76	58.32	5380	2.6	JRTFAF37DS63M4
24	71	54.54	5400	2.8	JRTF37DS63M4
26	67	51.70	5410	3.0	JRTFF37DS63M4
28	61	47.02	5440	3.3	
30	57	43.83	5450	3.5	
34	50	38.31	5470	4.0	
37	47	35.91	5480	4.3	
42	41	31.69	5490	4.8	
47	37	28.09	5500	5.5	
55	31	23.88	5260	6.4	
56	31	23.63	5240	6.5	
64	27	20.57	5030	7.5	
69	25	19.27	4930	8.0	
78	22	17.03	4740	9.0	
83	21	15.81	4640	9.7	
92	19	14.33	4500	11	
103	17	12.87	4350	12	JRTFA37DS63M4
119	14	11.08	4150	13	JRTFAF37DS63M4
127	14	10.42	4070	14	JRTF37DS63M4
147	12	8.97	3880	15	JRTFF37DS63M4
178	9.7	7.44	3650	15	
196	8.8	6.74	3540	16	
218	7.9	6.05	3420	17	
253	6.8	5.21	3260	18	
269	6.4	4.90	3190	19	
313	5.5	4.22	3040	20	
0.25kW					
0.15	13300	8831	88000	0.90	
0.17	11500	7643	90000	1.05	JRTFA127R77DS63L4
0.19	10400	6715	90000	1.15	JRTFAF127R77DS63L4
0.22	9190	5925	90000	1.30	JRTF127R77DS63L4
0.25	7860	5153	90000	1.55	JRTFF127R77DS63L4
0.29	6850	4533	90000	1.75	
0.22	9000	5954	46200	0.85	JRTFA107R77DS63L4
0.25	7860	5223	49300	1.00	JRTFAF107R77DS63L4
0.28	7090	4567	51400	1.10	JRTF107R77DS63L4
0.37	5370	3521	55500	1.45	JRTFF107R77DS63L4
0.43	4680	3037	57000	1.65	
0.47	4240	3756	57900	1.80	JRTFA107R77DS63L4
0.55	3650	2369	59100	2.1	JRTFAF107R77DS63L4
0.63	3180	2068	60000	2.4	JRTF107R77DS63L4
0.81	2440	1597	61400	3.2	JRTFF107R77DS63L4
0.93	2110	1401	62000	3.6	
0.45	4530	2907	29200	0.95	JRTFA97R57DS63L4
0.51	4050	2553	30600	1.05	JRTFAF97R57DS63L4
					JRTF97R57DS63L4
					JRTFF97R57DS63L4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.25kW					
0.58	3560	2245	31900	1.20	
0.66	3100	1970	33100	1.40	JRTFA97R57DS63L4
0.75	2740	1722	33900	1.55	JRTFAF97R57DS63L4
0.85	2430	1527	34600	1.75	JRTF97R57DS63L4
0.98	2040	1327	35300	2.1	JRTFF97R57DS63L4
1.1	1860	1171	35600	2.3	
1.3	1630	1022	36100	2.6	
0.67	3040	1930	18200	1.00	
0.76	2710	1709	24000	1.10	
0.87	2380	1493	25200	1.25	
1.0	1990	1300	26500	1.50	JRTFA87R57DS63L4
1.1	1780	1148	27100	1.70	JRTFAF87R57DS63L4
1.3	1550	1010	27700	1.95	JRTF87R57DS63L4
1.5	1370	887	28100	2.2	JRTFF87R57DS63L4
1.7	1200	780	28500	2.5	
1.9	1020	674	28900	2.9	
1.2	1690	1053	14300	0.90	
1.4	1450	910	16000	1.05	
1.6	1260	810	17100	1.20	JRTFA77R37DS63L4
1.8	1110	710	17900	1.35	JRTFAF77R37DS63L4
2.1	970	615	18400	1.55	JRTF77R37DS63L4
2.4	850	538	18800	1.75	JRTFF77R37DS63L4
2.7	760	480	19100	2.0	
3.2	645	413	19400	2.3	
2.0	1000	641	2370	0.80	JRTFA67R37DS63L4
2.3	910	572	9440	0.90	JRTFAF67R37DS63L4
2.6	795	509	10500	1.05	JRTF67R37DS63L4
3.0	685	437	11400	1.20	JRTFF67R37DS63L4
2.6	810	500	10400	1.00	
2.9	740	454	11000	1.10	JRTFA67R37DS63L4
3.3	635	392	11700	1.30	JRTFAF67R37DS63L4
3.9	535	333	12200	1.55	JRTF67R37DS63L4
4.4	475	297	12500	1.70	JRTFF67R37DS63L4
5.0	420	261	12700	1.95	
5.5	375	238	12900	2.2	
3.4	605	386	9170	1.00	JRTFA57R37DS63L4
3.8	525	338	9740	1.15	JRTFAF57R37DS63L4
5.1	400	255	10600	1.50	JRTF57R37DS63L4
					JRTFF57R37DS63L4
3.4	625	382	8710	0.95	
3.9	535	330	9680	1.10	JRTFA57R37DS63L4
4.4	485	298	10000	1.25	JRTFAF57R37DS63L4
5.0	425	262	10400	1.40	JRTF57R37DS63L4
5.8	360	226	10800	1.65	JRTFF57R37DS63L4
6.5	320	200	11000	1.90	
7.7	270	170	11300	2.2	
5.2	395	249	6020	1.00	JRTFA47R17DS63L4
6.0	350	218	6580	1.15	JRTFAF47R17DS63L4
6.7	305	193	7000	1.30	JRTF47R17DS63L4
7.4	280	175	7250	1.45	JRTFF47R17DS63L4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.25kW					
5.1	405	253	5850	1.00	
6.0	355	217	6490	1.10	JRTFA47R17DS63L4
6.8	310	190	6970	1.30	JRTFAF47R17DS63L4
7.3	290	178	7150	1.40	JRTF47R17DS63L4
8.7	240	149	7520	1.65	JRTFF47R17DS63L4
9.9	210	131	7710	1.90	
8.9	240	145	3640	0.85	JRTFA37R17DS63L4
10	210	129	4130	0.95	JRTFAF37R17DS63L4
11	193	118	4390	1.05	JRTF37R17DS63L4
13	160	98	4780	1.25	JRTFF37R17DS63L4
15	140	87	4970	1.45	
3.1	765	281.71	19100	1.95	JRTFA77DS71S6
3.3	715	262.93	19200	2.1	JRTFAF77DS71S6
3.9	615	225.79	19500	2.5	JRTF77DS71S6
4.4	540	198.31	19600	2.8	JRTFF77DS71S6
4.7	510	188.40	19700	2.9	
3.8	620	228.99	11800	1.30	JRTFA67DS71S6
4.5	530	195.39	12300	1.55	JRTFAF67DS71S6
5.2	465	170.85	12600	1.75	JRTF67DS71S6
5.4	440	162.31	12700	1.85	JRTFF67DS71S6
6.2	385	142.40	12900	2.1	
5.7	420	228.99	12700	1.95	JRTFA67DS63L4
6.7	360	195.39	13000	2.3	JRTFAF67DS63L4
7.6	315	170.85	13000	2.6	JRTF67DS63L4
8.0	300	162.31	13000	2.8	JRTFF67DS63L4
9.1	260	142.40	13000	3.1	
4.4	540	199.70	9630	1.10	
4.8	500	183.60	9940	1.20	JRTFA57DS71S6
5.6	425	157.09	10400	1.40	JRTFAF57DS71S6
6.5	370	136.16	10800	1.60	JRTF57DS71S6
6.9	345	127.27	10900	1.75	JRTFF57DS71S6
8.0	300	110.01	11100	2.0	
6.5	365	199.70	10800	1.65	
7.1	335	183.60	10900	1.80	JRTFA57DS63L4
8.3	290	157.09	11200	2.1	JRTFAF57DS63L4
9.6	250	136.16	11400	2.4	JRTF57DS63L4
10	235	127.27	11500	2.6	JRTFF57DS63L4
12	200	110.01	11500	3.0	
5.9	405	150.06	5750	1.00	JRTFA47DS71S6
6.8	355	130.07	6530	1.15	JRTFAF47DS71S6
7.2	330	121.57	6770	1.20	JRTF47DS71S6
8.4	285	105.09	7190	1.40	JRTFF47DS71S6
6.8	350	190.76	6550	1.15	
7.4	320	175.38	6850	1.25	JRTFA47DS63L4
8.7	275	150.06	7270	1.45	JRTFAF47DS63L4
10	240	130.07	7540	1.65	JRTF47DS63L4
11	225	121.57	7640	1.80	JRTFF47DS63L4
12	193	105.09	7810	2.1	
15	164	89.29	7950	2.4	
10	235	128.51	3690	0.85	JRTFA37DS63L4
11	215	117.88	4040	0.90	JRTFAF37DS63L4
13	184	100.36	4500	1.10	JRTF37DS63L4
15	159	86.53	4790	1.25	JRTFF37DS63L4

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.25kW					
16	148	80.65	4900	1.35	
18	130	70.50	5060	1.55	
20	121	66.09	5120	1.65	
22	107	58.32	5210	1.85	
24	100	54.54	5260	2.0	JRTFA37DS63L4
25	95	51.70	5280	2.1	JRTFAF37DS63L4
28	86	47.02	5330	2.3	JRTF37DS63L4
30	81	43.83	5360	2.5	JRTFF37DS63L4
34	70	38.31	5400	2.8	
36	66	35.91	5420	3.0	
41	58	31.69	5450	3.4	
46	52	28.09	5430	3.9	
54	44	23.88	5180	4.6	
55	43	23.63	5170	4.6	
63	38	20.57	4960	5.3	
67	35	19.27	4870	5.7	
76	31	17.03	4690	6.4	
82	29	15.81	4590	6.9	
91	26	14.33	4460	7.6	
101	24	12.87	4320	8.5	JRTFA37DS63L4
117	20	11.08	4120	9.3	JRTFAF37DS63L4
125	19	10.42	4050	9.7	JRTF37DS63L4
145	17	8.97	3860	11	JRTFF37DS63L4
175	14	7.44	3630	11	
193	12	6.74	3520	11	
215	11	6.05	3410	12	
249	9.6	5.21	3250	13	
265	9.0	4.90	3190	13	
308	7.7	4.22	3040	14	
0.37kW					
0.21	14900	6715	84800	0.80	
0.23	13100	5925	88300	0.90	JRTFA127R77DS71S4 *
0.27	11300	5153	90000	1.05	JRTFAF127R77DS71S4 *
0.30	9850	4533	90000	1.20	JRTF127R77DS71S4 *
0.35	8590	3926	90000	1.40	JRTFF127R77DS71S4 *
0.40	7510	3454	90000	1.60	
0.46	6570	3031	90000	1.85	
0.45	6720	3037	52300	1.15	
0.50	6090	2756	53800	1.25	JRTFA107R77DS71S4 *
0.58	5240	2369	55800	1.45	JRTFAF107R77DS71S4 *
0.67	4570	2068	57200	1.70	JRTF107R77DS71S4 *
0.86	3510	1597	59400	2.2	JRTFF107R77DS71S4 *
0.61	5070	2245	5160	0.85	
0.70	4430	1970	29500	0.95	
0.80	3900	1722	31000	1.10	JRTFA97R57DS71S4 *
0.90	3460	1527	32200	1.25	JRTFAF97R57DS71S4 *
1.0	2930	1327	33500	1.45	JRTF97R57DS71S4 *
1.2	2650	1171	34100	1.60	JRTFF97R57DS71S4 *
1.4	2310	1022	34800	1.85	
1.5	1960	898	35500	2.2	
1.1	2870	1300	23400	1.05	JRTFA87R57DS71S4 *
1.2	2550	1148	24600	1.20	JRTFAF87R57DS71S4 *
1.4	2230	1010	25700	1.35	JRTF87R57DS71S4 *
					JRTFF87R57DS71S4 *

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.37kW					
1.6	1970	887	26500	1.50	
1.8	1720	780	27200	1.75	JRTFA87R57DS71S4 *
2.0	1470	674	27900	2.0	JRTFAF87R57DS71S4 *
2.3	1340	609	28200	2.2	JRTF87R57DS71S4 *
2.7	1130	515	28700	2.7	JRTFF87R57DS71S4 *
3.0	1000	452	29000	3.0	
1.7	1810	810	13300	0.85	
1.9	1590	710	15100	0.95	
2.2	1390	615	16400	1.10	JRTFA77R37DS71S4 *
2.6	1210	538	17400	1.25	JRTFAF77R37DS71S4 *
2.9	1080	480	18000	1.40	JRTF77R37DS71S4 *
3.3	920	413	18600	1.65	JRTFF77R37DS71S4 *
3.8	830	367	18900	1.80	
4.3	730	323	19200	2.0	
3.2	980	437	5750	0.85	
3.6	870	384	9880	0.95	JRTFA67R37DS71S4 *
4.1	770	338	10800	1.05	JRTFAF67R37DS71S4 *
4.5	685	305	11400	1.20	JRTF67R37DS71S4 *
5.4	575	257	12000	1.40	JRTFF67R37DS71S4 *
6.0	510	231	12400	1.60	
5.4	570	255	9420	1.05	JRTFA57R37DS71S4 *
6.9	445	201	10300	1.35	JRTFAF57R37DS71S4 *
7.6	405	181	10500	1.50	JRTF57R37DS71S4 *
					JRTFF57R37DS71S4 *
5.3	605	262	9170	1.00	
6.1	515	226	9810	1.15	JRTFA57R37DS71S4 *
6.9	455	200	10200	1.30	JRTFAF57R37DS71S4 *
8.1	385	170	10700	1.55	JRTF57R37DS71S4 *
9.1	345	152	10900	1.75	JRTFF57R37DS71S4 *
10	300	134	11100	2.0	
7.9	395	175	5990	1.00	JRTFA47R17DS71S4 *
9.4	335	147	6740	1.20	JRTFAF47R17DS71S4 *
11	295	130	7110	1.35	JRTF47R17DS71S4 *
					JRTFF47R17DS71S4 *
2.5	1410	270.68	28100	2.1	JRTFA87D90S8*
2.7	1330	255.37	28200	2.3	JRTFAF87D90S8*
3.0	1190	228.93	28600	2.5	JRTF87D90S8*
3.5	1020	197.20	28900	2.9	JRTFF87D90S8*
3.3	1060	270.68	28800	2.8	JRTFA87DS71M6 *
3.5	1000	255.37	29000	3.0	JRTFAF87DS71M6 *
3.9	900	228.93	29200	3.3	JRTF87DS71M6 *
					JRTFF87DS71M6 *
4.0	890	225.79	18700	1.70	JRTFA77DS71M6 *
4.5	780	198.31	19100	1.95	JRTFAF77DS71M6 *
4.8	740	188.40	19200	2.0	JRTF77DS71M6 *
5.4	655	166.47	19400	2.3	JRTFF77DS71M6 *
6.3	560	142.27	19600	2.7	
4.9	720	281.71	19200	2.1	JRTFA77DS71S4 *
5.2	675	262.93	19300	2.2	JRTFAF77DS71S4 *
6.1	580	225.79	19500	2.6	JRTF77DS71S4 *
7.0	510	198.31	19700	3.0	JRTFF77DS71S4 *

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.37kW					
4.6	765	195.39	10800	1.05	JRTFA67DS71M6 *
5.3	670	170.85	11500	1.20	JRTFAF67DS71M6 *
5.6	635	162.31	11700	1.30	JRTF67DS71M6 *
6.3	560	142.40	12100	1.45	JRTFF67DS71M6 *
7.4	475	120.79	12500	1.75	
6.0	585	228.99	12000	1.40	
7.1	500	195.39	12400	1.65	JRTFA67DS71S4 *
8.1	435	170.85	12700	1.85	JRTFAF67DS71S4 *
8.5	415	162.31	12800	1.95	JRTF67DS71S4 *
9.7	365	142.40	12900	2.2	JRTFF67DS71S4 *
11	310	120.79	13000	2.7	
5.7	615	157.09	9070	0.95	JRTFA57DS71M6 *
6.6	535	136.16	9680	1.10	JRTFAF57DS71M6 *
7.1	500	127.27	9930	1.20	JRTF57DS71M6 *
8.2	430	110.01	10400	1.40	JRTFF57DS71M6 *
6.9	510	199.70	9850	1.15	
7.5	470	183.60	10100	1.30	
8.8	400	157.09	10600	1.50	JRTFA57DS71S4 *
10	350	136.16	10900	1.70	JRTFAF57DS71S4 *
11	325	127.27	11000	1.85	JRTF57DS71S4 *
13	280	110.01	11200	2.1	JRTFF57DS71S4 *
15	240	93.47	11500	2.5	
17	215	83.46	11500	2.8	
9.2	385	150.06	6140	1.05	
11	335	130.07	6740	1.20	JRTF47DS71S4 *
13	270	105.09	7320	1.50	JRTFA47DS71S4 *
15	230	89.29	7600	1.75	JRTF47DS71S4 *
17	205	79.72	7750	1.95	JRTFF47DS71S4 *
20	174	68.09	7900	2.3	
21	167	65.36	7930	2.4	
16	220	86.53	3960	0.90	
17	205	80.65	4200	0.95	
20	181	70.50	4550	1.10	
21	169	66.09	4680	1.20	
24	149	58.32	4890	1.35	
25	140	54.54	4970	1.45	JRT37DS71S4 *
27	132	51.70	5030	1.50	JRTFA37DS71S4 *
29	120	47.02	5120	1.65	JRTF37DS71S4 *
31	112	43.83	5180	1.80	JRTFF37DS71S4 *
36	98	38.31	5270	2.0	
38	92	35.91	5300	2.2	
44	81	31.69	5300	2.5	
49	72	28.09	5140	2.8	
58	61	23.88	4930	3.3	
58	61	23.63	4920	3.3	
67	53	20.57	4740	3.8	
72	49	19.27	4650	4.1	
81	44	17.03	4500	4.6	JRT37DS71S4 *
87	41	15.81	4400	4.9	JRTFA37DS71S4 *
96	37	14.33	4280	5.4	JRTF37DS71S4 *
107	33	12.87	4150	6.1	JRTFF37DS71S4 *
125	28	11.08	3970	6.7	
132	27	10.42	3900	6.9	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.37kW					
154	23	8.97	3730	7.6	
186	19	7.44	3510	7.6	JRTF37DS71S4 *
205	17	6.74	3410	8.1	JRTFA37DS71S4 *
228	16	6.05	3300	8.7	JRTF37DS71S4 *
265	13	5.21	3150	9.4	JRTFF37DS71S4 *
282	13	4.90	3090	9.6	
327	11	4.22	2950	10	
0.55kW					
0.09	58361	15770	190000	0.86	
0.10	52525	14005	190000	0.95	
0.12	43771	12521	190000	1.14	
0.13	40404	11258	190000	1.24	JRTFH177R97DS71M4 *
0.15	35017	9771	190000	1.43	JRTF177R97DS71M4 *
0.16	32828	8829	190000	1.52	
0.18	29180	8113	190000	1.71	
0.20	26262	7204	190000	1.90	
0.15	31873	9585	150000	1.00	JRTFA167R97DS71M4 *
0.19	24238	7289	150000	1.32	JRTFAF167R97DS71M4 *
0.23	19782	5949	150000	1.62	JRTF167R97DS71M4 *
0.31	15067	4531	150000	2.12	JRTFF167R97DS71M4 *
0.22	20500	6295	92000	0.90	JRTFA157R97DS71M4 *
0.25	17400	5404	102100	1.05	JRTFAF157R97DS71M4 *
0.49	8930	2780	118700	2.0	JRTFF157R97DS71M4 *
0.56	7760	2427	120000	2.3	JRTFA157R97DS71M4 *
0.81	5520	1674	120000	3.3	JRTFAF157R97DS71M4 *
1.0	4220	1308	120000	4.3	JRTF157R97DS71M4 *
1.2	3730	1169	120000	4.8	JRTFF157R97DS71M4 *
0.35	13300	3926	88000	0.90	JRTFA127R77DS71M4 *
0.39	11600	3454	90000	1.05	JRTFAF127R77DS71M4 *
0.45	10200	3031	90000	1.20	JRTF127R77DS71M4 *
					JRTFF127R77DS71M4 *
0.57	8100	2369	48700	0.95	
0.66	7070	2068	51400	1.10	
0.74	6110	1826	53800	1.25	
0.85	5440	1597	55300	1.40	JRTFA107R77DS71M4 *
0.97	4750	1401	56900	1.60	JRTFAF107R77DS71M4 *
1.1	4160	1243	58100	1.85	JRTF107R77DS71M4 *
1.2	3700	1087	59000	2.1	JRTFF107R77DS71M4 *
1.4	3180	950	60000	2.4	
1.6	2770	834	60800	2.8	
2.1	2150	640	61900	3.6	
1.0	4530	1327	29200	0.95	
1.2	4060	1171	30600	1.05	
1.3	3550	1022	32000	1.20	JRTFA97R57DS71M4 *
1.5	3050	898	33200	1.40	JRTFAF97R57DS71M4 *
1.7	2690	784	34000	1.60	JRTF97R57DS71M4 *
2.0	2340	690	34700	1.85	JRTFF97R57DS71M4 *
2.2	2060	605	35300	2.1	
2.6	1790	529	35800	2.4	
2.9	1580	467	36100	2.7	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.55kW					
3.4	1360	406	36500	3.2	JRTFA97R57DS71M4 *
3.7	1220	363	36700	3.5	JRTFAF97R57DS71M4 *
					JRTF97R57DS71M4 *
					JRTFF97R57DS71M4 *
1.5	3040	887	18200	1.00	
1.7	2660	780	24200	1.15	JRTFA87R57DS71M4 *
2.0	2290	674	25500	1.30	JRTFAF87R57DS71M4 *
2.2	2080	609	26200	1.45	JRTF87R57DS71M4 *
2.6	1750	515	27100	1.70	JRTFF87R57DS71M4 *
3.0	1540	452	27700	1.95	
3.9	1160	345	28600	2.6	
2.5	1860	538	9980	0.80	JRTFA77R37DS71M4 *
2.8	1660	480	14600	0.90	JRTFAF77R37DS71M4 *
3.3	1420	413	16200	1.05	JRTF77R37DS71M4 *
3.7	1270	367	17100	1.20	JRTFF77R37DS71M4 *
4.2	1120	323	17800	1.35	
5.3	890	257	9660	0.90	JRTFA67R37DS71M4 *
5.9	790	231	10600	1.05	JRTFAF67R37DS71M4 *
6.6	705	205	11200	1.15	JRTF67R37DS71M4 *
7.8	600	175	11900	1.35	JRTFF67R37DS71M4 *
2.5	2140	276.77	35100	2.0	JRTFA97D90L8 *
2.7	1960	253.41	35500	2.2	JRTFAF97D90L8 *
3.0	1730	223.88	35900	2.5	JRTF97D90L8 *
					JRTFF97D90L8 *
2.5	2090	270.68	26200	1.45	JRTFA87D90L8 *
2.7	1970	255.37	26500	1.50	JRTFAF87D90L8 *
3.0	1770	228.93	27100	1.70	JRTF87D90L8 *
3.5	1520	197.20	27800	1.95	JRTFF87D90L8 *
3.3	1580	270.68	27600	1.90	
3.5	1490	255.37	27800	2.0	JRTFA87DS80S6 *
3.9	1340	228.93	28200	2.2	JRTFAF87DS80S6 *
4.6	1150	197.20	28700	2.6	JRTF87DS80S6 *
5.0	1050	179.97	28900	2.9	JRTFF87DS80S6 *
4.0	1320	225.79	16800	1.15	
4.5	1160	198.31	17600	1.30	JRTFA77DS80S6 *
4.8	1100	188.40	17900	1.35	JRTFAF77DS80S6 *
5.4	970	166.47	18400	1.55	JRTF77DS80S6 *
6.3	830	142.27	18900	1.80	JRTFF77DS80S6 *
6.9	760	130.42	19100	1.95	
6.0	870	225.79	18800	1.70	
6.9	765	198.31	19100	1.95	
7.2	730	188.40	19200	2.1	JRTFA77DS71M4 *
8.2	645	166.47	19400	2.3	JRTFAF77DS71M4 *
9.6	550	142.27	19600	2.7	JRTF77DS71M4 *
10	505	130.42	19700	3.0	JRTFF77DS71M4 *
12	440	114.45	19800	3.4	
13	420	108.46	19800	3.6	
14	365	94.93	19900	4.1	
7.0	755	195.39	10900	1.10	
8.0	660	170.85	11500	1.25	
8.4	625	162.31	11700	1.30	JRTFA67DS71M4 *
9.6	550	142.40	12200	1.50	JRTFAF67DS71M4 *
11	465	120.79	12600	1.75	JRTF67DS71M4 *
12	420	109.04	12700	1.95	JRTFF67DS71M4 *
14	370	95.94	12900	2.2	
15	350	90.59	13000	2.3	
17	310	79.76	13000	2.7	

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.55kW					
8.7	605	157.09	9150	1.00	
10	525	136.16	9750	1.15	
11	490	127.27	9980	1.20	JRTFA57DS71M4 *
12	425	110.01	10400	1.40	JRTFAF57DS71M4 *
15	360	93.47	10800	1.65	JRTF57DS71M4 *
16	320	83.46	11000	1.85	JRTFF57DS71M4 *
19	280	72.98	11200	2.1	
20	265	68.22	11300	2.3	
23	230	58.97	11500	2.6	
13	405	105.09	5840	1.00	
15	345	89.29	6620	1.15	
17	310	79.72	6990	1.30	JRTFA47DS71M4 *
20	265	68.09	7370	1.50	JRTFAF47DS71M4 *
21	250	65.36	7440	1.60	JRTF47DS71M4 *
24	220	56.49	7670	1.85	JRTFF47DS71M4 *
28	185	48.00	7850	2.2	
32	166	42.86	7940	2.4	
23	225	58.32	3890	0.90	
25	210	54.54	4140	0.95	
26	200	51.70	4300	1.00	
29	182	47.02	4540	1.10	JRTFA37DS71M4 *
31	169	43.83	4680	1.20	JRTFAF37DS71M4 *
36	148	38.31	4900	1.35	JRTF37DS71M4 *
38	139	35.91	4980	1.45	JRTFF37DS71M4 *
43	122	31.69	4990	1.65	
48	109	28.09	4870	1.85	
57	92	23.88	4700	2.2	
58	91	23.63	4690	2.2	
66	79	20.57	4540	2.5	
71	74	19.27	4470	2.7	
80	66	17.03	4340	3.0	
95	55	14.33	4150	3.6	
106	50	12.87	4030	4.0	JRTFA37DS71M4 *
123	43	11.08	3870	4.4	JRTFAF37DS71M4 *
130	40	10.42	3810	4.6	JRTF37DS71M4 *
152	35	8.97	3650	5.1	JRTFF37DS71M4 *
170	31	8.01	3540	5.5	
183	29	7.44	3440	5.1	
202	26	6.74	3340	5.4	
225	23	6.05	3240	5.8	
261	20	5.21	3100	6.2	
277	19	4.90	3050	6.3	
322	16	4.22	2920	6.8	
361	15	3.77	2820	7.2	
0.75kW					
0.13	55096	11258	190000	0.91	
0.15	47750	9771	190000	1.05	
0.16	44766	8829	190000	1.12	JRTFH177R97DS80S4*
0.18	39792	8113	190000	1.26	JRTF177R97DS80S4*
0.2	35812	7204	190000	1.40	
0.21	34107	6991	190000	1.46	
0.23	31141	6442	190000	1.60	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.75kW					
0.25	28650	5792	190000	1.74	JRTFH177R97DS80S4*
0.28	25580	5219	190000	1.95	JRTF177R97DS80S4*
0.19	33294	7289	150000	0.96	
0.23	27171	5949	150000	1.18	JRTFA167R97DS80S4*
0.30	20696	4531	150000	1.55	JRTFAF167R97DS80S4*
0.37	17129	3750	150000	1.87	JRTF167R97DS80S4*
0.45	13977	3060	150000	2.29	JRTFF167R97DS80S4*
0.50	12300	2780	113600	1.45	JRTFA157R97DS80S4*
0.57	10700	2427	116200	1.70	JRTFAF157R97DS80S4*
0.82	7580	1674	120000	2.4	JRTF157R97DS80S4*
1.1	5830	1308	120000	3.1	JRTFF157R97DS80S4*
1.2	5170	1169	120000	3.5	
0.46	13800	3031	86900	0.85	JRTFA127R77DS80S4*
					JRTFAF127R77DS80S4*
					JRTF127R77DS80S4*
					JRTFF127R77DS80S4*
0.52	12400	2672	89600	0.95	JRTFA127R77DS80S4*
0.59	10900	2357	90000	1.10	JRTFAF127R77DS80S4*
0.68	9390	2038	90000	1.30	JRTF127R77DS80S4*
0.77	8790	1784	90000	1.45	JRTFF127R77DS80S4*
0.86	7350	1606	90000	1.65	
0.76	8360	1826	48000	0.90	
0.86	7400	1597	50500	1.05	
0.98	6470	1401	52900	1.20	JRTFA107R77DS80S4*
1.1	5690	1243	54800	1.35	JRTFAF107R77DS80S4*
1.3	5040	1087	56200	1.50	JRTF107R77DS80S4*
1.5	4350	950	57700	1.75	JRTFF107R77DS80S4*
1.7	3800	834	58800	2.00	
2.2	2940	640	60500	2.60	
3.2	2000	436	62200	3.80	
1.4	4810	1022	22800	0.90	
1.5	4150	898	30300	1.05	
1.8	3660	784	31700	1.20	JRTFA97R57DS80S4*
2.0	3190	690	32900	1.35	JRTFAF97R57DS80S4*
2.3	2800	605	33800	1.55	JRTF97R57DS80S4*
2.6	2440	529	34500	1.75	JRTFF97R57DS80S4*
3.0	2160	467	35100	2.00	
3.4	1860	406	35600	2.30	
3.8	1670	363	36000	2.60	
2.0	3120	674	14700	0.95	JRTFA87R57DS80S4*
2.3	2830	609	23600	1.05	JRTFAF87R57DS80S4*
2.7	2390	515	25200	1.25	JRTF87R57DS80S4*
3.0	2100	452	26100	1.45	JRTFF87R57DS80S4*
4.0	1590	345	27600	1.90	
3.8	1720	367	14100	0.85	JRTFA77R37DS80S4*
4.3	1520	323	15600	1.00	JRTFAF77R37DS80S4*
4.9	1310	280	16900	1.15	JRTF77R37DS80S4*
					JRTFF77R37DS80S4*
2.7	2640	254.40	61100	2.9	JRTFA107D100M8 JRTFAF107D100M8 JRTF107D100M8 JRTFF107D100M8

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.75kW					
2.5	2870	276.77	33600	1.50	JRTFA97D100M8 *
2.7	2630	253.41	34100	1.65	JRTFAF97D100M8 *
3.1	2320	223.88	34800	1.85	JRTF97D100M8 *
					JRTFF97D100M8 *
3.2	2200	276.77	35000	1.95	JRTFA97DS80M6*
3.5	2020	253.41	35400	2.1	JRTFAF97DS80M6*
4.0	1780	223.88	35800	2.4	JRTF97DS80M6*
					JRTFF97DS80M6*
3.3	2150	270.68	26000	1.40	
3.5	2030	255.37	26300	1.50	JRTFA87DS80M6*
3.9	1820	228.93	27000	1.65	JRTFAF87DS80M6*
4.6	1570	197.20	27600	1.90	JRTF87DS80M6*
5.0	1430	179.97	28000	2.1	JRTFF87DS80M6*
5.6	1270	159.61	28400	2.4	
5.1	1400	270.68	28100	2.1	JRTFA87DS80S4*
5.4	1330	255.37	28200	2.3	JRTFAF87DS80S4*
6.0	1190	228.93	28600	2.5	JRTF87DS80S4*
					JRTFF87DS80S4*
4.5	1580	198.31	15200	0.95	
4.8	1500	188.40	15700	1.00	JRTFA77DS80M6*
5.4	1320	166.47	16800	1.15	JRTFAF77DS80M6*
6.3	1130	142.27	17800	1.30	JRTF77DS80M6*
6.9	1040	130.42	18200	1.45	JRTFF77DS80M6*
6.1	1170	225.79	17600	1.30	
7.0	1030	198.31	18200	1.45	
7.3	980	188.40	18400	1.55	JRTFA77DS80S4*
8.3	860	166.47	18800	1.75	JRTFAF77DS80S4*
9.7	740	142.27	19200	2.0	JRTF77DS80S4*
11	675	130.42	19300	2.2	JRTFF77DS80S4*
12	595	114.45	19500	2.5	
13	565	108.46	19600	2.7	
8.1	890	170.85	9670	0.90	JRTFA67DS80S4*
8.5	840	162.31	10100	0.95	JRTFAF67DS80S4*
9.7	740	142.40	11000	1.10	JRTF67DS80S4*
11	625	120.79	11700	1.30	JRTFF67DS80S4*
13	565	109.04	12100	1.45	
14	500	95.94	12400	1.65	JRTFA67DS80S4*
15	470	90.59	12500	1.75	JRTFAF67DS80S4*
17	415	79.76	12800	2.0	JRTF67DS80S4*
20	350	67.65	13000	2.3	JRTFF67DS80S4*
23	315	61.07	13000	2.6	
11	660	127.27	5290	0.90	
13	570	110.01	9420	1.05	
15	485	93.47	10000	1.25	JRTFA57DS80S4*
17	435	83.46	10400	1.40	JRTFAF57DS80S4*
19	380	72.98	10700	1.60	JRTF57DS80S4*
20	355	68.22	10800	1.70	JRTFF57DS80S4*
23	305	58.97	11100	1.95	
28	260	50.10	11300	2.3	
31	230	44.73	11400	2.6	
17	415	79.72	5060	0.95	JRTFA47DS80S4*
20	355	68.09	6520	1.15	JRTFAF47DS80S4*
21	340	65.36	6680	1.20	JRTF47DS80S4*
					JRTFF47DS80S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
0.75kW					
24	295	56.49	7120	1.35	
29	250	48.00	7470	1.60	JRTFA47DS80S4*
32	220	42.86	7640	1.80	JRTFAF47DS80S4*
38	190	36.61	7820	2.1	JRTF47DS80S4*
40	178	34.29	7850	2.2	JRTFF47DS80S4*
48	150	28.88	7540	2.7	
29	245	47.02	3530	0.80	
31	230	43.83	3850	0.90	JRTFA37DS80S4*
36	199	38.31	4310	1.00	JRTFAF37DS80S4*
38	186	35.91	4480	1.05	JRTF37DS80S4*
44	165	31.69	4620	1.20	JRTFF37DS80S4*
49	146	28.09	4540	1.35	
58	124	23.88	4410	1.60	
58	123	23.63	4400	1.65	
67	107	20.57	4290	1.85	
72	100	19.27	4240	2.0	
81	88	17.03	4130	2.3	
96	74	14.33	3970	2.7	
107	67	12.87	3870	3.0	JRTFA37DS80S4*
125	58	11.08	3730	3.3	JRTFAF37DS80S4*
132	54	10.42	3680	3.4	JRTF37DS80S4*
154	47	8.97	3540	3.8	JRTFF37DS80S4*
205	35	6.74	3250	4.0	
228	31	6.05	3150	4.3	
265	27	5.21	3030	4.6	
282	25	4.90	2970	4.7	
327	22	4.22	2850	5.0	
366	20	3.77	2760	5.4	
1.1kW					
0.20	52525	7204	190000	0.95	
0.21	50024	6991	190000	1.00	
0.23	45674	6442	190000	1.09	
0.25	42020	5792	190000	1.19	JRTFH177R97DS80M4*
0.28	37518	5219	190000	1.33	JRTF177R97DS80M4*
0.33	31833	4339	190000	1.57	
0.35	30014	4103	190000	1.67	
0.39	26936	3681	190000	1.87	
0.31	30135	4531	150000	1.06	JRTFA167R97DS80M4*
0.37	24941	3750	150000	1.28	JRTFAF167R97DS80M4*
0.45	20352	3060	150000	1.57	JRTF167R97DS80M4*
0.68	13985	2056	150000	2.29	JRTFF167R97DS80M4*
0.50	18200	2780	99800	1.00	JRTFA157R97DS80M4*
					JRTFAF157R97DS80M4*
					JRTF157R97DS80M4*
					JRTFF157R97DS80M4*
0.58	16000	2427	105800	1.15	
0.64	14300	2185	109700	1.25	JRTFA157R97DS80M4*
0.72	12700	1944	112900	1.40	JRTFAF157R97DS80M4*
0.84	11200	1674	115500	1.60	JRTF157R97DS80M4*
1.1	8640	1308	119000	2.1	JRTFF157R97DS80M4*
1.2	7680	1169	120000	2.3	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
1.1kW					
1.5	6190	953	120000	2.9	JRTFA157R97DS80M4*
1.7	5450	845	120000	3.3	JRTFAF157R97DS80M4*
3.1	2880	446	120000	6.2	JRTF157R97DS80M4*
4.6	1950	302	120000	9.2	JRTFF157R97DS80M4*
0.69	13800	2038	87000	0.85	
0.79	12000	1784	90000	1.00	JRTFA127R77DS80M4*
0.87	10800	1606	90000	1.10	JRTFAF127R77DS80M4*
1.0	9350	1390	90000	1.30	JRTF127R77DS80M4*
1.1	8170	1220	90000	1.45	JRTFF127R77DS80M4*
1.3	7260	1077	90000	1.65	
1.1	8360	1243	48000	0.90	
1.3	7370	1087	50600	1.05	JRTFA107R77DS80M4*
1.5	6390	950	53100	1.20	JRTFAF107R77DS80M4*
1.7	5590	834	55000	1.35	JRTF107R77DS80M4*
1.9	4910	736	56500	1.55	JRTFF107R77DS80M4*
2.2	4310	640	57800	1.80	
2.0	4670	690	27800	0.90	
2.3	4100	605	30500	1.05	JRTFA97R57DS80M4*
2.7	3580	529	31900	1.20	JRTFAF97R57DS80M4*
3.0	3160	467	32900	1.35	JRTF97R57DS80M4*
3.5	2730	406	33900	1.55	JRTFF97R57DS80M4*
3.8	2450	363	34500	1.75	
3.1	3070	452	16900	1.00	JRTFA87R57DS80M4*
4.1	2330	345	25400	1.30	JRTFAF87R57DS80M4*
4.7	2020	300	26400	1.50	JRTF87R57DS80M4*
5.6	1670	249	27400	1.80	JRTFF87R57DS80M4*
2.7	3930	254.40	58600	1.95	JRTFA107D100L8*
3.2	3330	215.37	59800	2.3	JRTFAF107D100L8*
3.4	3080	199.31	60200	2.5	JRTF107D100L8*
3.8	2760	178.64	60800	2.8	JRTFF107D100L8*
3.3	3160	276.77	32900	1.35	
3.6	2890	253.41	33600	1.50	JRTFA97DS90L6*
4.1	2560	223.88	34300	1.70	JRTFAF97DS90L6*
4.8	2170	189.92	35100	2.0	JRTF97DS90L6*
5.3	2000	174.87	35400	2.2	JRTFF97DS90L6*
5.1	2080	276.77	35200	2.1	JRTFA97DS80M4*
5.5	1900	253.41	35600	2.3	JRTFAF97DS80M4*
6.2	1680	223.88	36000	2.6	JRTF97DS80M4*
3.4	3090	270.68	16000	0.95	
3.6	2920	255.37	22700	1.05	JRTFA87DS90L6*
4.0	2610	228.93	24400	1.15	JRTFAF87DS90L6*
4.7	2250	197.20	25700	1.35	JRTF87DS90L6*
5.1	2050	179.97	26300	1.45	JRTFF87DS90L6*
5.8	1820	159.61	27000	1.65	
5.2	2030	270.68	26300	1.50	JRTFA87DS80M4*
5.5	1920	255.37	26700	1.55	JRTFAF87DS80M4*
6.1	1720	228.93	27200	1.75	JRTF87DS80M4*
7.1	1480	197.20	27900	2.0	JRTFF87DS80M4*
7.8	1350	179.97	28200	2.2	JRTFA87DS80M4*
8.8	1200	159.61	28500	2.5	JRTFAF87DS80M4*
10	1010	134.16	29000	3.0	JRTF87DS80M4*
11	930	123.29	29100	3.2	JRTFF87DS80M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
1.1kW					
7.1	1490	198.31	15800	1.00	JRTFA77DS80M4*
7.4	1410	188.40	16300	1.05	JRTFAF77DS80M4*
8.4	1250	166.47	17200	1.20	JRTF77DS80M4*
9.8	1070	142.27	18000	1.40	JRTFF77DS80M4*
11	980	130.42	18400	1.55	
12	860	114.45	18800	1.75	JRTFA77DS80M4*
13	810	108.46	18900	1.85	JRTFAF77DS80M4*
15	710	94.93	19200	2.1	JRTF77DS80M4*
16	640	85.52	19400	2.3	JRTFF77DS80M4*
19	565	75.02	19600	2.7	
12	910	120.79	9460	0.90	
13	820	109.04	10300	1.00	
15	720	95.94	11100	1.15	
15	680	90.59	11400	1.20	JRTFA67DS80M4*
18	600	79.76	11900	1.35	JRTFAF67DS80M4*
21	510	67.65	12400	1.60	JRTF67DS80M4*
23	460	61.07	12600	1.80	JRTFF67DS80M4*
26	405	53.73	12800	2.0	
28	380	50.74	12900	2.2	
32	325	43.20	13000	2.5	
36	295	39.26	13000	2.7	
41	255	34.01	13000	2.9	
17	625	83.46	8470	0.95	
19	550	72.98	9590	1.10	
21	510	68.22	9840	1.15	
24	440	58.97	10300	1.35	JRTFA57DS80M4*
28	375	50.10	10700	1.60	JRTFAF57DS80M4*
31	335	44.73	10700	1.80	JRTF57DS80M4*
37	285	38.21	10400	2.1	JRTFF57DS80M4*
39	270	35.79	10200	2.2	
46	225	30.15	9810	2.6	
25	425	56.49	3730	0.95	JRTFA47DS80M4*
29	360	48.00	6440	1.10	JRTFAF47DS80M4*
					JRTF47DS80M4*
					JRTFF47DS80M4*
33	320	42.86	6860	1.25	JRTFA47DS80M4*
38	275	36.61	7280	1.45	JRTFAF47DS80M4*
41	255	34.29	7260	1.55	JRTF47DS80M4*
48	215	28.88	7040	1.85	JRTFF47DS80M4*
45	230	30.86	7130	1.75	
48	220	29.32	7060	1.80	JRTFA47DS80M4*
54	193	25.72	6880	2.1	JRTFAF47DS80M4*
64	164	21.82	6640	2.4	JRTF47DS80M4*
71	148	19.70	6490	2.7	JRTFF47DS80M4*
44	240	31.69	3660	0.85	JRTFA37DS80M4*
50	210	28.09	3970	0.95	JRTFAF37DS80M4*
59	179	23.88	3930	1.10	JRTF37DS80M4*
					JRTFF37DS80M4*
68	154	20.57	3870	1.30	JRTFA37DS80M4*
73	145	19.27	3840	1.40	JRTFAF37DS80M4*
82	128	17.03	3780	1.55	JRTF37DS80M4*
98	108	14.33	3680	1.85	JRTFF37DS80M4*
109	97	12.87	3610	2.1	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
1.1kW					
126	83	11.08	3500	2.3	
134	78	10.42	3460	2.4	
156	67	8.97	3350	2.6	
175	60	8.01	3260	2.8	JRTFA37DS80M4*
208	51	6.74	3090	2.8	JRTFAF37DS80M4*
231	45	6.05	3010	3.0	JRTF37DS80M4*
269	39	5.21	2900	3.2	JRTFF37DS80M4*
286	37	4.90	2860	3.3	
332	32	4.22	2750	3.5	
372	28	3.77	2670	3.7	
1.5kW					
0.25	57300	5792	190000	0.87	
0.28	51161	5219	190000	0.98	
0.33	43409	4339	190000	1.15	
0.35	40928	4103	190000	1.22	JRTFH177R97DS90M4*
0.39	36731	3681	190000	1.36	JRTF177R97DS90M4*
0.40	35812	3638	190000	1.40	
0.43	33314	3389	190000	1.50	
0.47	30479	3058	190000	1.64	
0.52	27548	2811	190000	1.81	
0.37	34011	3750	150000	0.94	
0.45	27752	3060	150000	1.15	JRTFA167R97DS90M4*
0.68	19071	2056	150000	1.68	JRTFAF167R97DS90M4*
0.73	17556	1893	150000	1.82	JRTF167R97DS90M4*
0.89	14504	1564	150000	2.21	JRTFF167R97DS90M4*
0.58	21900	2427	86400	0.80	
0.65	19700	2185	95000	0.90	
0.73	17500	1944	101700	1.05	
0.84	15300	1674	107400	1.20	JRTFA157R97DS90M4*
1.1	11900	1308	114400	1.50	JRTFAF157R97DS90M4*
1.2	10600	1169	116400	1.70	JRTF157R97DS90M4*
1.5	8540	953	119100	2.1	JRTFF157R97DS90M4*
1.7	7530	845	120000	2.4	
3.2	3980	446	120000	4.5	
4.7	2690	302	120000	6.7	
0.88	14800	1606	85000	0.80	
1.0	12800	1390	89000	0.95	
1.2	11200	1220	90000	1.05	JRTFA127R77DS90M4*
1.3	9910	1077	90000	1.20	JRTFAF127R77DS90M4*
1.5	8520	930	90000	1.40	JRTF127R77DS90M4*
1.7	7500	820	90000	1.60	JRTFF127R77DS90M4*
1.9	6630	727	90000	1.80	
2.2	5960	648	90000	2.0	
1.5	8730	950	46900	0.90	
1.7	7640	834	49900	1.00	
1.9	6730	736	52300	1.15	JRTFA107R77DS90M4*
2.2	5890	640	54300	1.30	JRTFAF107R77DS90M4*
2.5	5110	560	56100	1.50	JRTF107R77DS90M4*
2.9	4460	489	57500	1.70	JRTFF107R77DS90M4*
3.2	4010	436	58400	1.90	
3.8	3400	370	59600	2.3	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
1.5kW					
2.7	4880	529	19800	0.90	JRTFA97R57DS90M4*
3.0	4310	467	29900	1.00	JRTFAF97R57DS90M4*
3.5	3730	406	31500	1.15	JRTF97R57DS90M4*
3.9	3340	363	32500	1.30	JRTFF97R57DS90M4*
4.1	3180	345	11100	0.90	JRTFA87R57DS90M4*
4.7	2760	300	23900	1.10	JRTFAF87R57DS90M4*
5.7	2290	249	25500	1.30	JRTF87R57DS90M4*
					JRTFF87R57DS90M4*
2.8	5210	254.40	55900	1.50	JRTFA107D112M8
3.2	4410	215.37	57600	1.75	JRTFAF107D112M8*
3.5	4080	199.31	58300	1.90	JRTF107D112M8*
3.9	3660	178.64	59100	2.1	JRTFF107D112M8*
3.6	3960	254.40	58500	1.95	JRTFA107DS100M6*
4.3	3350	215.37	59700	2.3	JRTFAF107DS100M6*
4.6	3100	199.31	60200	2.5	JRTF107DS100M6*
5.2	2780	178.64	60800	2.8	JRTFF107DS100M6*
3.3	4310	276.77	29900	1.00	JRTFA97DS100M6*
3.6	3950	253.41	30900	1.10	JRTFAF97DS100M6*
4.1	3490	223.88	32100	1.25	JRTF97DS100M6*
4.8	2960	189.92	33400	1.45	JRTFF97DS100M6*
5.3	2720	174.87	33900	1.60	
5.1	2810	276.77	33700	1.55	JRTFA97DS90M4*
5.6	2570	253.41	34300	1.65	JRTFAF97DS90M4*
6.3	2270	223.88	34900	1.90	JRTF97DS90M4*
7.4	1930	189.92	35500	2.2	JRTFF97DS90M4*
8.1	1780	174.87	35800	2.4	
5.2	2750	270.68	23900	1.10	JRTFA87DS90M4*
5.5	2590	255.37	24500	1.15	JRTFAF87DS90M4*
6.2	2330	228.93	25400	1.30	JRTF87DS90M4*
7.2	2000	197.20	26400	1.50	JRTFF87DS90M4*
7.8	1830	179.97	26900	1.65	JRTFA87DS90M4*
8.8	1620	159.61	27500	1.85	JRTFAF87DS90M4*
11	1360	134.16	28200	2.2	JRTF87DS90M4*
13	1110	109.49	28700	2.7	JRTFF87DS90M4*
14	990	97.89	29000	3.0	
8.5	1690	166.47	14300	0.90	JRTFA77DS90M4*
9.9	1450	142.27	16100	1.05	JRTFAF77DS90M4*
11	1320	130.42	16800	1.15	JRTF77DS90M4*
12	1160	114.45	17600	1.30	JRTFF77DS90M4*
13	1100	108.46	17900	1.35	
15	960	94.93	18400	1.55	
16	870	85.52	18800	1.75	
19	760	75.02	19100	1.95	JRTFA77DS90M4*
19	735	72.50	19200	2.0	JRTFAF77DS90M4*
21	675	66.46	19300	2.2	JRTF77DS90M4*
24	595	58.32	19500	2.5	JRTFF77DS90M4*
26	560	55.27	19600	2.7	
29	490	48.37	19700	3.0	
32	445	43.58	19800	3.4	
37	390	38.23	19900	3.9	
39	370	36.58	19900	3.0	JRTFA77DS90M4*
45	320	31.51	20000	4.3	JRTFAF77DS90M4*
					JRTF77DS90M4*
					JRTFF77DS90M4*

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
1.5kW					
16	920	90.59	9300	0.90	
18	810	79.76	10400	1.00	
21	685	67.65	11400	1.20	JRTFA67DS90M4*
23	620	61.07	11800	1.30	JRTFAF67DS90M4*
26	545	53.73	12200	1.50	JRTF67DS90M4*
28	515	50.74	12300	1.60	JRTFF67DS90M4*
33	440	43.20	12700	1.85	
36	400	39.26	12800	1.95	
39	370	36.30	12900	2.2	JRTFA67DS90M4*
44	325	32.08	13000	2.5	JRTFAF67DS90M4*
51	280	27.41	13000	2.9	JRTF67DS90M4*
56	255	25.13	13000	3.2	JRTFF67DS90M4*
24	600	58.97	9210	1.00	
28	510	50.10	9860	1.20	JRTFA57DS90M4*
32	455	44.73	9990	1.30	JRTFAF57DS90M4*
37	390	38.21	9740	1.55	JRTF57DS90M4*
39	365	35.79	9620	1.65	JRTFF57DS90M4*
47	305	30.15	9310	1.95	
33	435	42.86	5750	0.90	JRTFA47DS90M4*
39	370	36.61	6300	1.10	JRTFAF47DS90M4*
41	350	34.29	6580	1.15	JRTF47DS90M4*
49	295	28.88	6500	1.35	JRTFF47DS90M4*
46	315	30.86	6550	1.30	
48	300	29.32	6510	1.35	
55	260	25.72	6390	1.55	JRTFA47DS90M4*
65	220	21.82	6230	1.80	JRTFAF47DS90M4*
72	200	19.70	6110	2.0	JRTF47DS90M4*
81	176	17.33	5970	2.3	JRTFF47DS90M4*
86	166	16.36	5900	2.4	
101	142	13.93	5700	2.8	
69	210	20.57	3410	0.95	
73	196	19.27	3410	1.00	
83	173	17.03	3400	1.15	
98	146	14.33	3350	1.35	
110	131	12.87	3310	1.55	
127	113	11.08	3250	1.70	JRTFA37DS90M4*
135	106	10.42	3220	1.75	JRTFAF37DS90M4*
157	91	8.97	3140	1.90	JRTF37DS90M4*
176	81	8.01	3080	2.1	JRTFF37DS90M4*
209	69	6.74	2920	2.0	
233	62	6.05	2850	2.2	
271	53	5.21	2770	2.4	
288	50	4.90	2730	2.4	
334	43	4.22	2640	2.6	
374	38	3.77	2570	2.7	
2.2kW					
0.40	52525	3638	190000	0.95	
0.43	48860	3389	190000	1.02	
0.47	447702	3058	190000	1.12	JRTFH177R97DS90L4*
0.52	40404	2811	190000	1.24	JRTF177R97DS90L4*
0.58	36224	2496	190000	1.38	
0.65	32323	2232	190000	1.55	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
2.2kW					
0.72	29180	2006	190000	1.17	JRTFH177R97DS90L4*
0.75	28013	1930	190000	1.78	JRTF177R97DS90L4*
0.83	25313	1741	190000	1.97	
0.56	32970	2514	150000	0.97	
0.69	27574	2056	150000	1.16	
0.74	25383	1893	150000	1.26	JRTFA167R97DS90L4*
0.90	20970	1564	150000	1.53	JRTFAF167R97DS90L4*
0.98	19304	1439	150000	1.66	JRTF167R97DS90L4*
1.15	16398	1223	150000	1.95	JRTFF167R97DS90L4*
1.34	14068	1049	150000	2.27	
					JRTFA157R97DS90L4*
0.98	18900	1441	97500	0.95	JRTFAF157R97DS90L4*
					JRTF157R97DS90L4*
					JRTFF157R97DS90L4*
1.1	17600	1308	101400	1.00	
1.2	15700	1169	106500	1.15	
1.5	12700	953	112800	1.40	
1.7	11200	845	115400	1.60	
1.9	10100	764	117100	1.80	JRTFA157R97DS90L4*
2.1	9020	680	128600	2.0	JRTFAF157R97DS90L4*
2.5	7610	576	120000	2.4	JRTF157R97DS90L4*
3.2	5940	446	120000	3.0	JRTFF157R97DS90L4*
4.7	4020	302	120000	4.5	
5.2	3630	273	120000	5.0	
6.1	3060	232	120000	5.9	
7.2	2590	197	120000	6.9	
1.3	14600	1077	85300	0.80	
1.5	12600	930	89300	0.95	
1.7	11100	820	90000	1.10	JRTFA127R77DS90L4*
1.9	9830	727	90000	1.20	JRTFAF127R77DS90L4*
2.2	8810	648	90000	1.35	JRTF127R77DS90L4*
2.6	7460	549	90000	1.60	JRTFF127R77DS90L4*
2.8	6720	495	90000	1.80	
3.3	5810	428	90000	2.1	
2.2	8700	640	47000	0.90	
2.5	7580	560	50100	1.00	JRTFA107R77DS90L4*
2.9	6610	489	52500	1.15	JRTFAF107R77DS90L4*
3.2	5930	436	54200	1.30	JRTF107R77DS90L4*
3.8	5030	370	56300	1.55	JRTFF107R77DS90L4*
4.2	4520	333	57300	1.70	
3.9	4940	363	16500	0.85	JRTFA97R57DS90L4*
4.9	3890	285	31100	1.10	JRTFAF97R57DS90L4*
5.8	3340	245	32500	1.30	JRTF97R57DS90L4*
2.8	7640	254.40	49900	1.00	JRTFA107D132S8*
3.2	6460	215.37	52900	1.20	JRTFAF107D132S8*
3.5	5980	199.31	54100	1.30	JRTF107D132S8*
3.9	5360	178.64	55500	1.45	JRTFF107D132S8*
3.7	5690	254.40	54800	1.35	JRTFA107DS100L6*
4.4	4810	215.37	56700	1.60	JRTFAF107DS100L6*
4.7	4450	199.31	57500	1.70	JRTF107DS100L6*
5.3	3990	178.64	58400	1.90	JRTFF107DS100L6*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
2.2kW					
5.5	3790	254.40	58900	2.0	JRTFA107DS90L4*
6.6	3210	215.37	60000	2.4	JRTFAF107DS90L4*
7.1	2970	199.31	60400	2.6	JRTF107DS90L4*
7.9	2660	178.64	61000	2.9	JRTFF107DS90L4*
4.2	5000	223.88	12400	0.85	JRTFA97DS100L6*
4.9	4240	189.92	30100	1.00	JRTFAF97DS100L6*
5.4	3910	174.87	31000	1.10	JRTF97DS100L6*
6.0	3490	156.30	32100	1.25	JRTFF97DS100L6*
5.1	4120	276.77	30400	1.05	
5.6	3780	253.41	31400	1.15	
6.3	3340	223.88	32500	1.30	JRTFA97DS90L4*
7.4	2830	189.92	33700	1.50	JRTFAF97DS90L4*
8.1	2610	174.87	34200	1.65	JRTF97DS90L4*
9.0	2330	156.30	34800	1.85	JRTFF97DS90L4*
10	2100	140.71	35200	2.0	
11	1900	127.42	35600	2.3	
7.2	2940	197.20	22000	1.00	JRTFA87DS90L4*
7.8	2680	179.97	24200	1.10	JRTFAF87DS90L4*
8.8	2380	159.61	25200	1.25	JRTF87DS90L4*
11	2000	134.16	26400	1.50	JRTFF87DS90L4*
11	1840	123.29	26900	1.65	
13	1630	109.49	27500	1.85	
14	1460	97.89	27900	2.1	JRTFA87DS90L4*
16	1310	88.01	28300	2.3	JRTFAF87DS90L4*
18	1140	76.39	27800	2.6	JRTF87DS90L4*
21	1020	68.40	27100	2.9	JRTFF87DS90L4*
25	850	56.75	25900	3.5	
28	750	50.36	25200	3.9	
31	675	45.28	24500	4.2	
12	1710	114.45	14200	0.90	JRTFA77DS90L4*
13	1620	108.46	14900	0.95	JRTFAF77DS90L4*
15	1410	94.93	16300	1.05	JRTF77DS90L4*
16	1270	85.52	17100	1.20	JRTFF77DS90L4*
19	1120	75.02	17800	1.35	
21	990	66.46	18300	1.50	JRTFA77DS90L4*
24	870	58.32	18800	1.75	JRTFAF77DS90L4*
26	820	55.27	18900	1.80	JRTF77DS90L4*
29	720	48.37	19200	2.1	JRTFF77DS90L4*
32	650	43.58	19400	2.3	
39	545	36.58	19600	2.0	JRTFA77DS90L4*
45	470	31.51	19700	2.9	JRTFAF77DS90L4*
49	430	28.75	19800	3.3	JRTF77DS90L4*
55	380	25.50	19900	4.0	JRTFF77DS90L4*
23	910	61.07	9420	0.90	
26	800	53.73	10500	1.00	JRTFA67DS90L4*
28	755	50.74	10800	1.10	JRTFAF67DS90L4*
33	645	43.20	11600	1.25	JRTF67DS90L4*
36	585	39.26	12000	1.35	JRTFF67DS90L4*
41	505	34.01	12400	1.45	
44	480	32.08	12500	1.70	
51	410	27.41	12800	2.0	JRTFA67DS90L4*
56	375	25.13	12900	2.2	JRTFAF67DS90L4*
64	330	22.05	13000	2.5	JRTF67DS90L4*
67	310	20.90	13000	2.6	JRTFF67DS90L4*
77	275	18.29	13000	3.0	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
2.2kW					
32	665	44.73	4480	0.90	JRTFA57DS90L4*
37	570	38.21	8660	1.05	JRTFAF57DS90L4*
39	535	35.79	8620	1.15	JRTF57DS90L4*
47	450	30.15	8460	1.30	JRTFF57DS90L4*
56	370	24.96	8240	1.55	JRTFA57DS90L4*
67	315	21.17	8020	1.90	JRTFAF57DS90L4*
74	285	19.11	7870	2.1	JRTF57DS90L4*
84	250	16.81	7670	2.4	JRTFF57DS90L4*
89	235	15.88	7580	2.5	
55	385	25.72	5560	1.05	JRTFA47DS90L4*
65	325	21.82	5520	1.25	JRTFAF47DS90L4*
72	295	19.70	5480	1.35	JRTF47DS90L4*
81	260	17.33	5410	1.55	JRTFF47DS90L4*
86	245	16.36	5370	1.65	
101	210	13.93	5250	1.95	JRTFA47DS90L4*
111	189	12.66	5170	2.1	JRTFAF47DS90L4*
129	163	10.97	5040	2.5	JRTF47DS90L4*
157	133	8.96	4740	2.5	JRTFF47DS90L4*
98	215	14.33	2790	0.95	
110	192	12.87	2810	1.05	
127	165	11.08	2820	1.15	
135	155	10.42	2810	1.20	
157	134	8.97	2790	1.30	JRTFA37DS90L4*
176	119	8.01	2770	1.40	JRTFAF37DS90L4*
209	100	6.74	2630	1.40	JRTF37DS90L4*
233	90	6.05	2590	1.50	JRTFF37DS90L4*
271	78	5.21	2540	1.60	
288	73	4.90	2520	1.65	
334	63	4.22	2460	1.75	
374	56	3.77	2400	1.85	
3.0kW					
0.52	55096	2811	190000	0.91	
0.58	49396	2496	190000	1.01	
0.65	44077	2232	190000	1.15	
0.72	39791	2006	190000	1.26	
0.75	38200	1930	190000	1.31	JRTFH177R97DS100M4*
0.83	34518	1741	190000	1.45	JRTF177R97DS100M4*
0.85	33705	1711	190000	1.48	
0.92	31141	1574	190000	1.61	
1.00	28650	1446	190000	1.74	
1.20	23875	1258	190000	2.09	
0.90	28596	1564	150000	1.12	
0.98	26324	1439	150000	1.22	
1.15	22361	1223	150000	1.43	JRTFA167R97DS100M4*
1.34	19183	1049	150000	1.67	JRTFAF167R97DS100M4*
1.50	17134	937	150000	1.87	JRTF167R97DS100M4*
1.68	15376	841	150000	2.08	JRTFF167R97DS100M4*
2.01	12847	703	150000	2.49	
1.2	21700	1169	87200	0.85	JRTFA157R97DS100M4*
1.5	17600	953	101300	1.00	JRTFAF157R97DS100M4*
					JRTF157R97DS100M4*
					JRTFF157R97DS100M4*

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
3.0kW					
1.7	15600	845	106700	1.15	
1.8	14100	764	110100	1.30	
2.1	12500	680	113200	1.45	JRTFA157R97DS100M4*
2.4	10600	576	116400	1.70	JRTFAF157R97DS100M4*
3.1	8250	446	119500	2.2	JRTF157R97DS100M4*
4.6	5580	302	120000	3.2	JRTFF157R97DS100M4*
5.1	5040	273	120000	3.6	
6.1	4250	232	120000	4.2	
7.1	3610	197	120000	5.0	
1.9	13600	727	87400	0.90	JRTFA127R77DS100M4*
2.2	12200	648	90000	1.00	JRTFAF127R77DS100M4*
2.5	10300	549	90000	1.15	JRTF127R77DS100M4*
2.8	9270	495	90000	1.30	JRTFF127R77DS100M4*
3.2	8170	436	48500	0.95	JRTFA107R77DS100M4*
3.8	6930	370	51800	1.10	JRTFAF107R77DS100M4*
4.2	6240	333	53500	1.25	JRTF107R77DS100M4*
4.8	5460	291	55300	1.40	JRTFF107R77DS100M4*
3.7	7750	254.40	49600	1.00	JRTFA107DS112M6*
4.4	6560	215.37	52700	1.15	JRTFAF107DS112M6*
4.7	6070	199.31	53900	1.25	JRTF107DS112M6*
5.3	5440	178.64	55300	1.40	JRTFF107DS112M6*
5.5	5210	254.40	55900	1.50	JRTFA107DS100M4*
6.5	4410	215.37	57600	1.75	JRTFAF107DS100M4*
7.0	4080	199.31	58300	1.90	JRTF107DS100M4*
7.8	3660	178.64	59100	2.1	JRTF107DS100M4*
8.7	3300	161.28	59800	2.3	JRTFF107DS100M4*
6.2	4580	223.88	29000	0.95	JRTFA97DS100M4*
7.4	3890	189.92	31100	1.10	JRTFAF97DS100M4*
8.0	3580	174.87	31900	1.20	JRTF97DS100M4*
					JRTFF97DS100M4*
9.0	3200	156.30	32800	1.35	JRTFA97DS100M4*
9.9	2880	140.71	33600	1.50	JRTFAF97DS100M4*
11	2610	127.42	34200	1.65	JRTF97DS100M4*
					JRTFF97DS100M4*
12	2310	112.99	34800	1.85	JRTFA97DS100M4*
14	2090	102.16	35200	2.1	JRTFAF97DS100M4*
16	1840	89.85	35700	2.3	JRTF97DS100M4*
					JRTFF97DS100M4*
10	2750	134.16	23900	1.10	JRTFA87DS100M4*
11	2520	123.29	24700	1.20	JRTFAF87DS100M4*
13	2240	109.49	25700	1.35	JRTF87DS100M4*
					JRTFF87DS100M4*
14	2000	97.89	26400	1.50	JRTFA87DS100M4*
16	1800	88.01	26900	1.65	JRTFAF87DS100M4*
18	1560	76.39	26300	1.90	JRTF87DS100M4*
20	1400	68.40	25700	2.1	JRTF87DS100M4*
25	1160	56.75	24800	2.6	JRTFF87DS100M4*
28	1030	50.36	24100	2.8	
16	1750	85.52	13800	0.85	JRTFA77DS100M4*
19	1540	75.02	15500	1.00	JRTFAF77DS100M4*
21	1360	66.46	16600	1.10	JRTF77DS100M4*
24	1190	58.32	17500	1.25	JRTFF77DS100M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
3.0kW					
25	1130	55.27	17800	1.35	JRTFA77DS100M4*
29	990	48.37	18300	1.50	JRTFAF77DS100M4*
32	890	43.58	18700	1.70	JRTF77DS100M4*
37	780	38.23	19000	1.90	JRTFF77DS100M4*
38	750	36.58	19100	1.50	JRTFA77DS100M4*
44	645	31.51	19400	2.1	JRTFAF77DS100M4*
49	590	28.75	19500	2.4	JRTF77DS100M4*
55	520	25.50	19700	2.9	JRTFF77DS100M4*
65	440	21.43	19800	3.4	
32	880	43.20	9690	0.95	JRTFA67DS100M4*
36	800	39.26	10500	0.95	JRTFAF67DS100M4*
41	695	34.01	11300	1.05	JRTF67DS100M4*
					JRTFF67DS100M4*
44	655	32.08	11600	1.25	
51	560	27.41	12100	1.45	
56	515	25.13	12300	1.60	JRTFA67DS100M4*
63	450	22.05	12600	1.80	JRTFAF67DS100M4*
67	430	20.90	12700	1.90	JRTF67DS100M4*
77	375	18.29	12900	2.2	JRTFF67DS100M4*
85	335	16.48	13000	2.4	
97	295	14.46	13000	2.8	
56	510	24.96	7440	1.15	
66	435	21.17	7340	1.40	
73	390	19.11	7260	1.55	
83	345	16.81	7140	1.75	
88	325	15.88	7080	1.85	JRTFA57DS100M4*
104	275	13.62	6890	2.2	JRTFAF57DS100M4*
114	250	12.29	6780	2.4	JRTF57DS100M4*
132	220	10.64	6590	2.8	JRTFF57DS100M4*
71	405	19.70	4750	1.00	
81	355	17.33	4760	1.15	
86	335	16.36	4760	1.20	
100	285	13.93	4740	1.40	
111	260	12.66	4700	1.55	
128	225	10.97	4640	1.80	JRTFA47DS100M4*
					JRTFAF47DS100M4*
156	183	8.96	4370	1.80	JRTF47DS100M4*
					JRTFF47DS100M4*
126	225	11.08	2320	0.85	
134	215	10.42	2350	0.85	
156	184	8.97	2390	0.95	
175	164	8.01	2410	1.05	JRTFA37DS100M4*
208	138	6.74	2290	1.00	JRTFAF37DS100M4*
231	124	6.05	2300	1.10	JRTF37DS100M4*
269	107	5.21	2290	1.15	JRTFF37DS100M4*
286	100	4.90	2280	1.20	
332	86	4.22	2250	1.25	
372	77	3.77	2220	1.35	
4.0kW					
1.4	27286	1004	190000	1.83	JRTFH177R107DS112M4*
1.7	22470	876	190000	2.22	JRTF177R107DS112M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
4.0kW					
0.72	53056	2006	190000	0.94	
0.75	50933	1930	190000	0.98	
0.83	46024	1741	190000	1.09	
0.85	44941	1711	190000	1.11	JRTFH177R107DS112M4*
0.92	41522	1574	190000	1.2	JRTF177R107DS112M4*
1.0	38200	1446	190000	1.31	
1.2	31833	1258	190000	1.57	
1.4	27286	1032	190000	1.83	
1.6	23875	888	190000	2.09	
1.2	29295	1223	150000	1.09	
1.4	25132	1049	150000	1.27	JRTFA167R97DS112M4*
1.5	22447	937	150000	1.43	JRTFAF167R97DS112M4*
1.7	20144	841	150000	1.59	JRTF167R97DS112M4*
2.0	16831	703	150000	1.90	JRTFF167R97DS112M4*
2.7	12800	534	150000	2.50	
1.7	20600	845	91500	0.85	
1.9	18600	764	98300	0.95	
2.1	16600	680	104200	1.10	JRTFA157R97DS112M4*
2.5	14000	576	110300	1.30	JRTFAF157R97DS112M4*
3.2	10900	446	115900	1.65	JRTF157R97DS112M4*
4.7	7390	302	120000	2.4	JRTFF157R97DS112M4*
5.2	6670	273	120000	2.7	
6.1	5640	232	120000	3.2	
7.2	4780	197	120000	3.8	
2.6	13600	549	87400	0.90	JRTFA127R77DS112M4*
2.9	12200	495	90000	1.00	JRTFAF127R77DS112M4*
3.3	10600	428	90000	1.15	JRTF127R77DS112M4*
3.8	9270	376	90000	1.30	JRTFF127R77DS112M4*
4.3	8230	333	48300	0.95	JRTFA107R77DS112M4*
4.9	7190	291	51100	1.05	JRTFAF107R77DS112M4*
5.6	6310	255	53300	1.20	JRTF107R77DS112M4*
					JRTFF107R77DS112M4*
4.2	9060	170.83	90000	1.30	JRTFA127D132ML8*
4.7	8150	153.67	90000	1.45	JRTFAF127D132ML8*
5.7	6650	125.37	90000	1.80	JRTF127D132ML8*
					JRTFF127D132ML8*
5.6	6840	254.40	52000	1.10	
6.6	5790	215.37	54500	1.35	
7.1	5360	199.31	55500	1.45	
7.9	4810	178.64	56700	1.60	JRTFA107DS112M4*
8.8	4340	161.28	57700	1.75	JRTFAF107DS112M4*
9.7	3940	146.49	58500	1.95	JRTF107DS112M4*
11	3500	129.97	59400	2.2	JRTFF107DS112M4*
12	3170	117.94	60100	2.4	
14	2730	101.38	60900	2.8	
8.1	4700	174.87	26600	0.90	JRTFA97DS112M4*
9.1	4200	156.30	30200	1.00	JRTFAF97DS112M4*
10	3780	140.71	31400	1.15	JRTF97DS112M4*
11	3430	127.42	32300	1.25	JRTFF97DS112M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
4.0kW					
13	3040	112.99	33200	1.40	
14	2750	102.16	33900	1.55	JRTFA97DS112M4*
15	2620	97.58	34100	1.65	JRTFAF97DS112M4*
16	2420	89.85	34600	1.80	JRTF97DS112M4*
18	2160	80.31	35100	2.0	JRTFF97DS112M4*
20	1940	72.29	35500	2.2	
22	1760	65.47	35800	2.4	
13	2950	109.49	21700	1.00	JRTFA87DS112M4*
15	2630	97.89	24300	1.15	JRTFAF87DS112M4*
16	2370	88.01	24600	1.25	JRTF87DS112M4*
					JRTFF87DS112M4*
19	2050	76.39	24200	1.45	JRTFA87DS112M4*
21	1840	68.40	23900	1.65	JRTFAF87DS112M4*
25	1530	56.75	23200	1.95	JRTF87DS112M4*
28	1350	50.36	22800	2.2	JRTFF87DS112M4*
31	1220	45.28	22300	2.3	
21	1790	66.46	13400	0.85	JRTFA77DS112M4*
24	1570	58.32	15200	0.95	JRTFAF77DS112M4*
26	1490	55.27	15800	1.00	JRTF77DS112M4*
29	1300	48.37	16900	1.15	JRTFF77DS112M4*
33	1170	43.58	17600	1.30	JRTFA77DS112M4*
37	1030	38.23	18200	1.45	JRTFAF77DS112M4*
42	910	33.74	18600	1.65	JRTF77DS112M4*
47	800	29.91	19000	1.85	JRTFF77DS112M4*
56	685	25.54	19300	2.1	
45	850	31.51	18800	1.65	JRTFA77DS112M4*
49	775	28.75	19100	1.85	JRTFAF77DS112M4*
56	685	25.50	19300	2.2	JRTF77DS112M4*
66	575	21.43	19500	2.6	JRTFF77DS112M4*
72	530	19.70	19600	2.8	
52	735	27.41	11000	1.10	
57	675	25.13	11400	1.20	
64	595	22.05	11900	1.40	
68	560	20.90	12100	1.45	
78	490	18.29	12400	1.65	
86	445	16.48	12700	1.85	
98	390	14.46	12900	2.1	
111	345	12.76	13000	2.4	JRTFA67DS112M4*
126	305	11.31	13000	2.7	JRTFAF67DS112M4*
147	260	9.66	13000	3.2	JRTF67DS112M4*
156	245	9.08	13000	2.2	JRTFF67DS112M4*
165	230	8.60	12800	2.5	
189	205	7.53	12400	3.0	
209	183	6.78	12100	3.4	
239	160	5.95	11700	3.8	
270	141	5.25	11400	4.2	
305	125	4.66	11000	4.5	
357	107	3.97	10600	4.7	
67	570	21.17	6490	1.05	JRTFA57DS112M4*
74	515	19.11	6490	1.15	JRTFAF57DS112M4*
84	450	16.81	6450	1.35	JRTF57DS112M4*
89	425	15.88	6430	1.40	JRTFF57DS112M4*
105	365	13.52	6340	1.65	

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
4.0kW					
116	330	12.29	6270	1.80	
133	285	10.64	6150	2.1	
153	250	9.31	5850	1.70	JRTFA57DS112M4*
173	220	8.19	5730	1.90	JRTFAF57DS112M4*
184	210	7.73	5680	2.0	JRTF57DS112M4*
216	177	6.58	5510	2.4	JRTFF57DS112M4*
237	161	5.98	5410	2.6	
274	139	5.18	5250	3.0	
5.5kW					
1.4	37517	1004	190000	1.33	
1.7	30897	876	190000	1.62	JRTFH177R97DS132S4*
2.0	26260	740	190000	1.9	JRTF177R97DS132S4*
2.8	18759	522	190000	2.67	
1.0	52525	1446	190000	0.95	
1.2	43771	1258	190000	1.14	
1.4	37518	1032	190000	1.33	JRTFH177R97DS132S4*
1.6	32828	888	190000	1.52	JRTF177R97DS132S4*
1.9	27644	773	190000	1.81	
2.2	23875	656	190000	2.09	
2.4	21885	604	190000	2.28	
1.5	30696	937	150000	1.04	
1.7	27602	841	150000	1.16	
2.0	23062	703	150000	1.39	JRTFA167R97DS132S4*
2.3	20446	623	150000	1.57	JRTFAF167R97DS132S4*
2.7	17539	534	150000	1.82	JRTF167R97DS132S4*
3.1	15416	470	150000	2.08	JRTFF167R97DS132S4*
3.5	13442	409	150000	2.38	
2.5	19300	576	96300	0.95	
2.8	16800	503	103600	1.05	
3.2	15000	446	108200	1.20	
4.1	11800	353	114500	1.55	JRTFA157R97DS132S4*
4.7	10100	302	117100	1.80	JRTFAF157R97DS132S4*
5.2	9160	273	118400	1.95	JRTF157R97DS132S4*
6.2	7750	232	120000	2.3	JRTFF157R97DS132S4*
7.1	6750	202	120000	2.7	
7.3	6570	197	120000	2.7	
3.4	14000	418	86500	0.85	
3.8	12600	374	89400	0.95	JRTFA127R87DS132S4*
4.6	10500	312	90000	1.15	JRTFAF127R87DS132S4*
4.9	9840	293	90000	1.20	JRTF127R87DS132S4*
5.5	8680	259	90000	1.40	JRTFF127R87DS132S4*
6.4	7500	223	90000	1.60	
3.3	14500	428	85600	0.85	JRTFA127R77DS132S4*
3.8	12700	376	89100	0.95	JRTFAF127R77DS132S4*
					JRTF127R77DS132S4*
					JRTFF127R77DS132S4*
2.7	19800	267.43	94600	0.90	JRTFA157D160M8*
3.3	16100	217.62	105500	1.10	JRTFAF157D160M8*
					JRTF157D160M8*
4.0	13200	178.20	111900	1.35	JRTFF157D160M8*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
5.5kW					
4.4	12100	162.96	114000	1.50	
5.0	10500	141.80	116600	1.70	
5.7	9260	125.14	118300	1.95	JRTFA157D160M8*
6.5	8030	108.49	119700	2.2	JRTFAF157D160M8*
7.4	7140	96.53	120000	2.5	JRTF157D160M8*
8.3	6350	85.80	120000	2.8	JRTFF157D160M8*
9.1	5800	78.46	120000	3.1	
10	5050	68.28	120000	3.6	
4.2	12600	170.83	89200	0.95	JRTFA127D160M8*
4.6	11400	153.67	90000	1.05	JRTFAF127D160M8*
5.7	9270	125.37	90000	1.30	JRTF127D160M8*
6.2	8460	114.34	90000	1.40	JRTFF127D160M8*
6.6	7910	215.37	49200	0.95	JRTFA107DS132S4*
7.2	7320	199.31	50800	1.05	JRTFAF107DS132S4*
8.0	6560	178.64	52700	1.15	JRTF107DS132S4*
8.9	5920	161.28	54200	1.30	JRTFF107DS132S4*
9.8	5380	146.49	55500	1.45	
11	4770	129.97	56800	1.60	JRTFA107DS132S4*
12	4330	117.94	57700	1.75	JRTFAF107DS132S4*
14	3720	101.38	59000	2.1	JRTF107DS132S4*
15	3400	92.47	59600	2.3	JRTFF107DS132S4*
16	3250	88.49	59900	2.4	
17	3080	83.99	60200	2.5	
11	4680	127.42	27400	0.90	JRTFA97DS132S4*
13	4150	112.99	30300	1.05	JRTFAF97DS132S4*
14	3750	102.16	31400	1.15	JRTF97DS132S4*
					JRTFF97DS132S4*
15	3580	97.58	31900	1.20	
16	3300	89.85	32600	1.30	
17	3180	86.59	32900	1.35	
18	2950	80.31	33400	1.45	JRTFA97DS132S4*
19	2780	75.63	33800	1.55	JRTFAF97DS132S4*
20	2660	72.29	34100	1.60	JRTF97DS132S4*
22	2400	65.47	34600	1.80	JRTFF97DS132S4*
25	2130	58.06	34500	2.0	
27	1930	52.49	33900	2.2	
16	3230	88.01	5760	0.95	JRTFA87DS132S4*
19	2810	76.39	21200	1.05	JRTFAF87DS132S4*
21	2510	68.40	21200	1.20	JRTF87DS132S4*
25	2080	56.75	21000	1.45	JRTFF87DS132S4*
28	1850	50.36	20800	1.60	JRTFA87DS132S4*
32	1660	45.28	20500	1.70	JRTFAF87DS132S4*
36	1440	39.30	20100	1.90	JRTF87DS132S4*
41	1290	35.19	19800	2.0	JRTFF87DS132S4*
49	1070	29.20	19100	2.3	
42	1250	33.92	19700	2.1	JRTFA87DS132S4*
50	1060	28.78	19100	2.3	JRTFAF87DS132S4*
54	970	26.50	18800	3.1	JRTF87DS132S4*
60	870	23.68	18400	3.5	JRTFF87DS132S4*
30	1780	48.37	13500	0.85	JRTFA77DS132S4*
33	1600	43.58	15000	0.95	JRTFAF77DS132S4*
37	1400	38.23	16300	1.05	JRTF77DS132S4*
42	1240	33.74	17300	1.20	JRTFF77DS132S4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
5.5kW					
48	1100	29.91	17900	1.35	JRTFA77DS132S4*
56	940	25.54	18500	1.55	JRTFAF77DS132S4*
56	940	25.54	18500	1.55	JRTFF77DS132S4*
56	940	25.50	18500	1.60	
67	785	21.43	19000	1.90	
73	725	19.70	19200	2.1	JRTFA77DS132S4*
82	645	17.49	19400	2.3	JRTFAF77DS132S4*
91	575	15.64	19600	2.6	JRTF77DS132S4*
102	515	14.06	19300	2.9	JRTFF77DS132S4*
117	450	12.20	18600	3.3	
65	810	22.05	10400	1.00	
68	770	20.90	10800	1.05	
78	670	18.29	11500	1.20	
87	605	16.48	11900	1.35	
99	530	14.46	12300	1.55	
112	470	12.76	12500	1.75	
126	415	11.31	12800	1.95	JRTFA67DS132S4*
148	355	9.66	12900	2.3	JRTFAF67DS132S4*
158	335	9.08	12400	1.60	JRTF67DS132S4*
166	315	8.60	12300	1.80	JRTFF67DS132S4*
190	275	7.53	12000	2.2	
211	250	6.78	11700	2.5	
240	220	5.95	11400	2.8	
272	193	5.25	11100	3.1	
307	171	4.66	10700	3.3	
360	146	3.97	10300	3.4	
85	620	16.81	5450	0.95	
90	585	15.88	5480	1.05	
106	495	13.52	5530	1.20	
116	450	12.29	5530	1.35	JRTFA57DS132S4*
134	390	10.64	5510	1.55	JRTFAF57DS132S4*
175	300	8.19	5190	1.40	JRTF57DS132S4*
185	285	7.73	5160	1.50	JRTFF57DS132S4*
217	240	6.58	5070	1.75	
239	220	5.98	5010	1.90	
276	190	5.18	4900	2.2	
7.5kW					
1.4	51160	1004	190000	0.98	
1.7	42130	876	190000	1.19	JRTFH177R107DS132M4*
2.0	35810	740	190000	1.40	JRTF177R107DS132M4*
2.8	25580	522	190000	1.95	
3.2	22380	455	190000	2.23	
1.4	51160	1032	190000	0.98	
1.6	44760	888	190000	1.12	
1.9	37700	773	190000	1.33	
2.2	32550	656	190000	1.54	JRTFH177R97DS132M4*
2.4	29844	604	190000	1.68	JRTF177R97DS132M4*
2.7	26520	540	190000	1.89	
3.0	23875	486	190000	2.09	
3.9	16836	368	150000	1.90	JRTFA167R107DS132M4*
4.1	16010	350	150000	2.00	JRTFAF167R107DS132M4*
4.6	14350	314	150000	2.23	JRTFF167R107DS132M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
7.5kW					
2.0	31448	703	150000	1.02	
2.3	27882	623	150000	1.15	JRTFA167R97DS132M4*
2.7	23917	534	150000	1.34	JRTFAF167R97DS132M4*
3.1	21022	470	150000	1.52	JRTF167R97DS132M4*
3.5	18330	409	150000	1.75	JRTFF167R97DS132M4*
4.6	14300	312	85900	0.85	JRTFA127R87DS132M4*
4.9	13500	293	87600	0.90	JRTFAF127R87DS132M4*
5.5	11900	259	90000	1.00	JRTF127R87DS132M4*
6.4	10300	223	90000	1.15	JRTFF127R87DS132M4*
7.2	9080	198	90000	1.30	
3.3	21600	217.62	87600	0.85	
4.0	17700	178.20	101100	1.00	
4.4	16200	162.96	105200	1.10	
5.1	14100	141.80	110100	1.30	
5.8	12400	125.14	113300	1.45	
6.6	10800	108.49	116100	1.65	JRTFA157D160L8*
7.5	9600	96.53	117800	1.85	JRTFAF157D160L8*
8.4	8530	85.80	119200	2.1	JRTF157D160L8*
9.2	7810	78.46	120000	2.3	JRTFF157D160L8*
11	6790	68.28	120000	2.7	
12	5990	60.25	120000	3.0	
14	5200	52.24	120000	3.5	
15	4620	46.48	120000	3.9	
18	3980	40.06	120000	4.5	
3.6	20000	267.43	94000	0.90	
4.4	16200	217.62	105100	1.10	
5.4	13300	178.20	111700	1.35	
5.9	12200	162.96	113800	1.50	
6.8	10600	141.80	116400	1.70	
7.7	9340	125.14	118200	1.95	
8.9	8090	108.49	119700	2.2	JRTFA157DS160M6*
9.9	7200	96.53	120000	2.5	JRTFAF157DS160M6*
11	6400	85.80	120000	2.8	JRTF157DS160M6*
12	5850	78.46	120000	3.1	JRTFF157DS160M6*
14	5090	68.28	120000	3.5	
16	4500	60.25	120000	4.0	
18	3900	52.24	119300	4.6	
5.7	12500	125.37	89500	0.95	JRTFA127D160L8*
6.3	11400	114.34	90000	1.05	JRTFAF127D160L8*
7.3	9840	98.95	90000	1.20	JRTF127D160L8*
8.2	8690	87.31	90000	1.40	JRTFF127D160L8*
5.6	12700	170.83	89000	0.90	JRTFA127DS160M6*
6.2	11500	153.67	90000	1.05	JRTFAF127DS160M6*
7.7	9350	125.37	90000	1.30	JRTF127DS160M6*
8.4	8530	114.34	90000	1.40	JRTFF127DS160M6*
8.4	8560	170.83	90000	1.40	JRTFA127DS132M4*
9.3	7700	153.67	90000	1.55	JRTFAF127DS132M4*
11	6280	125.37	90000	1.90	JRTF127DS132M4*
					JRTFF127DS132M4*
8.0	8950	178.64	46300	0.85	JRTFA107DS132M4*
8.9	8080	161.28	48700	0.95	JRTFAF107DS132M4*
9.8	7340	146.49	50700	1.05	JRTF107DS132M4*
11	6510	129.97	52800	1.20	JRTFF107DS132M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
7.5kW					
12	5910	117.94	54200	1.30	
14	5080	101.38	56100	1.50	JRTFA107DS132M4 *
15	4630	92.47	57100	1.65	JRTFAF107DS132M4 *
16	4430	88.49	57500	1.75	JRTF107DS132M4 *
17	4210	83.99	58000	1.85	JRTFF107DS132M4 *
19	3730	74.52	59000	2.1	
21	3390	67.62	59600	2.3	
15	4890	97.58	19300	0.90	
16	4500	89.85	29300	0.95	JRTFA97DS132M4 *
17	4340	86.59	29800	1.00	JRTFAF97DS132M4 *
18	4020	80.31	30700	1.05	JRTF97DS132M4 *
19	3790	75.63	31300	1.15	JRTFF97DS132M4 *
20	3620	72.29	31800	1.20	
22	3280	65.47	32200	1.30	
25	2910	58.06	31800	1.50	JRTFA97DS132M4 *
27	2630	52.49	31400	1.65	JRTFAF97DS132M4 *
32	2230	44.49	30600	1.95	JRTF97DS132M4 *
37	1950	38.86	29900	2.2	JRTFF97DS132M4 *
44	1630	52.50	28900	2.6	
33	2170	43.28	30500	1.40	JRTFA97DS132M4 *
39	1840	36.64	29600	1.65	JRTFAF97DS132M4 *
42	1700	33.91	29200	2.5	JRTF97DS132M4 *
47	1520	30.39	28500	2.8	JRTFF97DS132M4 *
25	2840	56.75	18100	1.05	
28	2520	50.36	18200	1.15	JRTFA87DS132M4 *
32	2270	45.28	18200	1.25	JRTFAF87DS132M4 *
36	1970	39.30	18100	1.40	JRTF87DS132M4 *
41	1760	35.19	18000	1.50	JRTFF87DS132M4 *
49	1460	29.20	17600	1.70	
50	1440	28.78	17600	1.70	
54	1330	26.50	17400	2.3	JRTFA87DS132M4 *
60	1190	23.68	17100	2.5	JRTFAF87DS132M4 *
67	1070	21.32	16800	2.8	JRTF87DS132M4 *
74	970	19.31	16500	3.1	JRTFF87DS132M4 *
84	860	17.12	16200	3.5	
92	775	15.48	15900	3.9	
42	1690	33.74	14300	0.90	JRTFA77DS132M4 *
48	1500	29.91	15700	1.00	JRTFAF77DS132M4 *
56	1280	25.54	17000	1.15	JRTF77DS132M4 *
56	1280	25.50	17100	1.15	JRTFF77DS132M4 *
67	1070	21.43	18000	1.40	
73	990	19.70	18400	1.50	
82	880	17.49	18800	1.70	
91	785	15.64	19000	1.90	
102	705	14.06	18600	2.1	JRTFA77DS132M4 *
117	610	12.20	18000	2.5	JRTFAF77DS132M4 *
131	545	10.93	17600	2.7	JRTF77DS132M4 *
154	465	9.30	16500	2.3	JRTFF77DS132M4 *
173	415	8.26	16100	2.6	
194	370	7.39	15700	2.9	
215	335	6.64	15300	3.2	
248	290	5.76	14800	3.7	
277	260	5.16	14500	4.2	
334	215	4.28	13800	4.7	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
9.2kW					
1.7	51680	876	190000	0.97	
2.0	43930	740	190000	1.14	JRTFH177R107DS160S4 *
2.8	31380	522	190000	1.59	JRTF177R107DS160S4 *
3.2	27460	455	190000	1.82	
3.4	25840	427	190000	1.93	
4.9	17930	295	190000	2.79	
1.6	54910	888	190000	0.91	
1.9	46240	773	190000	1.08	
2.2	39940	656	190000	1.25	JRTFH177R97DS160S4 *
2.4	36610	604	190000	1.36	JRTF177R97DS160S4 *
2.7	32540	540	190000	1.54	
3.0	29288	486	190000	1.71	
3.3	26624	440	190000	1.88	
3.7	23746	390	190000	2.11	
4.0	20369	368	150000	1.57	JRTFA167R107DS160S4 *
4.2	19369	350	150000	1.65	JRTFAF167R107DS160S4 *
4.7	17361	314	150000	1.84	JRTF167R107DS160S4 *
5.2	15674	283	150000	2.04	JRTFF167R107DS160S4 *
2.7	28936	534	150000	1.11	JRTFA167R97DS160S4 *
3.1	25434	470	150000	1.26	JRTFAF167R97DS160S4 *
3.6	22177	409	150000	1.44	JRTF167R97DS160S4 *
					JRTFF167R97DS160S4 *
4.1	19700	353	94800	0.90	
4.8	16900	302	103300	1.05	JRTFA157R97DS160S4 *
5.3	15300	273	107400	1.20	JRTFAF157R97DS160S4 *
6.2	13000	232	112400	1.40	JRTF157R97DS160S4 *
7.1	11300	202	115300	1.60	JRTFF157R97DS160S4 *
7.3	11000	197	115800	1.65	
5.6	14500	259	85600	0.85	JRTFA127R87DS160S4 *
6.4	12500	223	89400	0.95	JRTFAF127R87DS160S4 *
7.3	11100	198	90000	1.10	JRTF127R87DS160S4 *
					JRTFF127R87DS160S4 *
8.4	10400	170.83	90000	1.15	JRTFA127DS160S4 *
9.4	9380	153.67	90000	1.30	JRTFAF127DS160S4 *
11	7650	125.37	90000	1.55	JRTF127DS160S4 *
13	6980	114.34	90000	1.70	JRTFF127DS160S4 *
15	6040	98.95	90000	2.0	
9.8	8940	146.49	46300	0.85	JRTFA107DS160S4 *
11	7930	129.97	49100	0.95	JRTFAF107DS160S4 *
12	7200	117.94	51100	1.05	JRTF107DS160S4 *
14	6180	101.38	53600	1.25	JRTFF107DS160S4 *
16	5640	92.47	54900	1.35	
17	5120	83.99	56000	1.50	JRTFA107DS160S4 *
19	4550	74.52	57300	1.70	JRTFAF107DS160S4 *
21	4130	67.62	58200	1.85	JRTF107DS160S4 *
25	3550	58.12	58300	2.2	JRTFF107DS160S4 *
28	3100	50.73	56800	2.5	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
9.2kW					
18	4900	80.31	18700	0.90	JRTFA97DS160S4*
19	4610	75.63	28900	0.95	JRTFAF97DS160S4*
20	4410	72.29	29600	0.95	JRTF97DS160S4*
22	3990	65.47	29600	1.10	JRTFF97DS160S4*
25	3540	58.06	29500	1.20	
27	3200	52.49	29300	1.35	JRTFA97DS160S4*
32	2710	44.49	28800	1.60	JRTFAF97DS160S4*
37	2370	38.86	28400	1.80	JRTF97DS160S4*
44	1980	32.50	27600	2.2	JRTFF97DS160S4*
42	2070	33.91	27800	2.1	JRTFA97DS160S4*
47	1850	30.39	27300	2.3	JRTFAF97DS160S4*
52	1670	27.44	26800	2.6	JRTF97DS160S4*
58	1520	24.92	26300	2.8	JRTFF97DS160S4*
29	3070	50.36	16000	0.95	
32	2760	45.28	16200	1.00	JRTFA87DS160S4*
37	2400	39.30	16400	1.15	JRTFAF87DS160S4*
41	2150	35.19	16400	1.20	JRTF87DS160S4*
49	1780	29.20	16300	1.40	JRTFF87DS160S4*
54	1620	26.50	16200	1.85	
61	1440	23.68	16100	2.1	JRTFA87DS160S4*
68	1300	21.32	15900	2.3	JRTFAF87DS160S4*
75	1180	19.31	15700	2.5	JRTF87DS160S4*
84	1040	17.12	15400	2.9	JRTFF87DS160S4*
93	940	15.48	15200	3.2	
110	800	13.12	14700	3.8	
73	1200	19.70	17400	1.25	JRTFA77DS160S4*
82	1070	17.49	18000	1.40	JRTFAF77DS160S4*
92	950	15.64	18300	1.55	JRTF77DS160S4*
102	860	14.06	18000	1.75	
118	745	12.20	17500	2.0	
132	665	10.93	17100	2.2	
155	570	9.30	16000	1.90	JRTFA77DS160S4*
174	505	8.26	15600	2.1	JRTFAF77DS160S4*
195	450	7.39	15300	2.4	JRTF77DS160S4*
217	405	6.64	15000	2.7	JRTFF77DS160S4*
250	350	5.76	14500	3.1	
279	315	5.16	14200	3.4	
336	260	4.28	13600	3.9	
11.0kW					
2.0	52525	740	190000	0.95	
2.8	37518	522	190000	1.33	
3.2	32828	455	190000	1.52	JRTFH177R107DS160M4*
3.4	30897	427	190000	1.62	JRTF177R107DS160M4*
4.9	21439	295	190000	2.33	
1.9	55289	773	190000	0.90	
2.2	47750	656	190000	1.05	
2.4	43771	604	190000	1.14	
2.7	38907	540	190000	1.29	
3.0	35017	486	190000	1.43	JRTFH177R97DS160M4*
3.3	31833	440	190000	1.57	JRTF177R97DS160M4*
3.7	28392	390	190000	1.76	
4.2	25012	344	190000	2.00	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
11.0kW					
4.0	24344	368	150000	1.31	
4.2	23176	350	150000	1.38	
4.7	20758	314	150000	1.54	JRTFA167R107DS160M4*
5.2	18741	283	150000	1.71	JRTFAF167R107DS160M4*
5.7	17025	257	150000	1.88	JRTF167R107DS160M4*
6.4	15106	228	150000	2.12	JRTFF167R107DS160M4*
7.1	13706	207	150000	2.33	
3.1	30410	470	150000	1.05	JRTFA167R97DS160M4*
3.6	26516	409	150000	1.21	JRTFAF167R97DS160M4*
4.8	20300	302	92800	0.90	JRTFA157R97DS160M4*
5.3	18300	273	99300	1.00	JRTFAF157R97DS160M4*
6.2	15500	232	106900	1.15	JRTF157R97DS160M4*
7.1	13500	202	111200	1.35	JRTFF157R97DS160M4*
7.3	13200	197	112000	1.35	
6.4	15000	223	84500	0.80	JRTFA127R87DS160M4*
7.3	13300	298	88000	0.90	JRTFAF127R87DS160M4*
8.7	11100	166	90000	1.10	JRTF127R87DS160M4*
5.1	20700	141.80	91300	0.85	JRTFA157D180L8 *
5.8	18300	125.14	99500	1.00	JRTFAF157D180L8 *
6.6	15800	108.49	106100	1.15	JRTF157D180L8 *
7.5	14100	96.53	110100	1.30	JRTFF157D180L8 *
5.4	19500	178.20	95500	0.90	
5.9	17800	162.96	100800	1.00	JRTFA157DS180M6 *
6.8	15500	141.80	106900	1.15	JRTFAF157DS180M6 *
7.7	13700	125.14	110900	1.30	JRTF157DS180M6 *
8.9	11900	108.49	114300	1.50	JRTFF157DS180M6 *
9.9	10600	96.53	116400	1.70	
11	9390	85.80	118100	1.90	
12	8590	78.46	119100	2.1	
5.4	19500	267.43	95500	0.90	
6.6	15900	217.62	106000	1.15	
8.1	13000	178.20	112300	1.40	
8.8	11900	162.96	114300	1.50	
10	10300	141.80	116800	1.75	JRTFA157DS160M4*
12	9130	125.14	118400	1.95	JRTFAF157DS160M4*
13	7910	108.49	119900	2.3	JRTF157DS160M4*
15	7040	96.53	120000	2.6	JRTFF157DS160M4*
17	6260	85.80	118100	2.9	
18	5720	78.46	115700	3.1	
21	4980	68.28	112000	3.6	
7.7	13700	125.37	87100	0.85	JRTFA127DS180M6 *
8.4	12500	114.34	89500	0.95	JRTFAF127DS180M6 *
9.7	10800	98.95	90000	1.10	JRTF127DS180M6 *
11	9550	87.31	90000	1.25	JRTFF127DS180M6 *
13	8250	75.41	90000	1.45	
8.4	12500	170.83	89500	0.95	JRTFA127DS160M4*
9.4	11200	153.67	90000	1.05	JRTFAF127DS160M4*
11	9150	125.37	90000	1.30	JRTF127DS160M4*

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
11.0kW					
13	8340	114.34	90000	1.45	JRTFA127DS160M4*
15	7220	98.95	90000	1.65	JRTFAF127DS160M4*
16	6370	87.31	90000	1.90	JRTF127DS160M4*
19	5500	75.41	88600	2.2	JRTFF127DS160M4*
12	8600	117.94	47300	0.90	JRTFA107DS160M4*
14	7400	101.38	50600	1.05	JRTFAF107DS160M4*
16	6750	92.47	52200	1.15	JRTF107DS160M4*
					JRTFF107DS160M4*
17	6130	83.99	53700	1.25	JRTFA107DS160M4*
19	5440	74.52	55300	1.40	JRTFAF107DS160M4*
21	4930	67.62	56500	1.55	JRTF107DS160M4*
25	4240	58.12	56400	1.80	JRTFF107DS160M4*
28	3700	50.73	55100	2.1	
33	3140	43.03	53500	2.5	
43	2470	33.79	51000	3.0	JRTFA107DS160M4*
52	2010	27.57	48800	3.9	JRTFAF107DS160M4*
57	1830	25.14	47800	4.3	JRTF107DS160M4*
					JRTFF107DS160M4*
22	4780	65.47	24000	0.90	JRTFA97DS160M4*
25	4240	58.06	27100	1.00	JRTFAF97DS160M4*
27	3830	52.49	27100	1.10	JRTF97DS160M4*
					JRTFF97DS160M4*
32	3250	44.49	27000	1.30	
37	2830	38.86	26700	1.50	
44	2370	32.50	26200	1.80	JRTFA97DS160M4*
42	2470	33.91	26400	1.75	JRTFAF97DS160M4*
47	2220	30.39	26000	1.95	JRTF97DS160M4*
52	2000	27.44	25600	2.2	JRTFF97DS160M4*
58	1820	24.92	25200	2.4	
65	1610	22.11	24700	2.7	
37	2870	39.30	14600	0.95	JRTFA87DS160M4*
41	2570	35.19	14800	1.00	JRTFAF87DS160M4*
49	2130	29.20	15000	1.20	JRTF87DS160M4*
					JRTFF87DS160M4*
54	1930	26.50	15000	1.55	
61	1730	23.68	15000	1.75	
68	1560	21.32	14900	1.95	JRTFA87DS160M4*
75	1410	19.31	14800	2.1	JRTFAF87DS160M4*
84	1250	17.12	14600	2.4	JRTF87DS160M4*
93	1130	15.48	14400	2.7	JRTFF87DS160M4*
110	960	13.12	14100	3.1	
73	1440	19.70	16100	1.05	
82	1280	17.49	17100	1.20	
92	1140	15.64	17600	1.30	
102	1030	14.06	17400	1.45	
118	890	12.20	17000	1.70	
132	795	10.93	16700	1.90	JRTFA77DS160M4*
155	680	9.30	15500	1.60	JRTFAF77DS160M4*
174	605	8.26	15200	1.80	JRTF77DS160M4*
195	540	7.39	14900	2.0	JRTFF77DS160M4*
217	485	6.64	14600	2.2	
250	420	5.76	14200	2.6	
279	375	5.16	13900	2.9	
336	310	4.28	13300	3.2	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
15.0kW					
2.8	51161	522	190000	0.98	
3.2	44766	455	190000	1.12	
3.4	42132	427	190000	1.19	JRTFH177R107DS180S4*
4.9	29235	295	190000	1.71	JRTF177R107DS180S4*
5.5	26045	262	190000	1.92	
6.5	22038	222	190000	2.27	
2.7	53056	540	190000	0.94	
3.0	47750	486	190000	1.05	
3.3	43409	440	190000	1.15	JRTFH177R97DS180S4*
3.7	38716	390	190000	1.29	JRTF177R97DS180S4*
4.2	34107	344	190000	1.47	
4.8	29844	305	190000	1.68	
6.5	22038	224	190000	2.27	
4.7	28306	314	150000	1.13	
5.2	25556	283	150000	1.25	JRTFA167R107DS180S4*
5.7	23216	257	150000	1.38	JRTFAF167R107DS180S4*
6.4	20599	228	150000	1.55	JRTF167R107DS180S4*
7.1	18690	207	150000	1.71	JRTFF167R107DS180S4*
8.2	16062	178	150000	1.99	
8.0	16853	182.73	150000	1.90	JRTF167DS180S4*
9.7	13825	149.94	150000	2.31	
6.3	20900	232	90400	0.85	JRTFA157R97DS180S4*
7.2	18300	202	99500	1.00	JRTFAF157R97DS180S4*
7.4	17700	197	101000	1.00	JRTF157R97DS180S4*
					JRTFF157R97DS180S4*
6.8	20900	141.80	90400	0.85	JRTFA157DS180L6
7.8	18500	125.14	98800	0.95	JRTFAF157DS180L6
8.9	16000	108.49	105700	1.10	JRTF157DS180L6
10	14300	96.53	109800	1.25	JRTFF157DS180L6
11	12700	85.80	112900	1.40	
6.7	21400	217.62	88800	0.85	
8.2	17500	178.20	101800	1.05	
9.0	16000	162.96	105700	1.15	
10	13900	141.80	110500	1.30	
12	12300	125.14	113600	1.45	JRTFA157DS180S4*
13	10600	108.49	116300	1.70	JRTFAF157DS180S4*
15	9470	96.53	115800	1.90	JRTF157DS180S4*
17	8420	85.80	113200	2.1	JRTFF157DS180S4*
19	7700	78.46	111200	2.3	
21	6700	68.28	108000	2.7	
24	5910	60.25	105100	3.0	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
15.0kW					
9.8	14600	98.95	85300	0.80	
11	12900	87.31	88700	0.95	JRTFA127DS180L6
13	11100	75.41	88300	1.10	JRTFAF127DS180L6
14	10300	70.07	87600	1.15	JRTF127DS180L6
15	9440	63.91	86700	1.25	JRTFF127DS180L6
12	12300	125.37	89000	1.00	
13	11200	114.34	88300	1.05	JRTFA127DS180S4*
15	9710	98.95	87000	1.25	JRTFAF127DS180S4*
17	8570	87.31	85600	1.40	JRTF127DS180S4*
19	7400	75.41	83800	1.60	JRTFF127DS180S4*
21	6870	70.07	82800	1.75	
16	9070	92.47	45900	0.85	JRTFA107DS180S4*
17	8680	88.49	47100	0.90	JRTFAF107DS180S4*
17	8240	83.99	48300	0.95	JRTF107DS180S4*
20	7310	74.52	50800	1.05	JRTFF107DS180S4*
22	6630	67.62	52500	1.15	
25	5700	58.12	52200	1.35	JRTFA107DS180S4*
29	4980	50.73	51500	1.55	JRTFAF107DS180S4*
34	4220	43.03	50400	1.80	JRTF107DS180S4*
39	3690	37.61	49300	2.1	JRTFF107DS180S4*
46	3120	31.80	48000	2.5	
43	3320	33.79	48500	2.2	JRTFA107DS180S4*
53	2700	27.57	46700	2.9	JRTFAF107DS180S4*
58	2470	25.14	45900	3.2	JRTF107DS180S4*
67	2130	21.76	44500	3.7	JRTFF107DS180S4*
33	4360	44.49	22900	1.00	JRTFA97DS180S4*
38	3810	38.86	23100	1.15	JRTFAF97DS180S4*
45	3190	32.50	23200	1.35	JRTF97DS180S4*
					JRTFF97DS180S4*
43	3330	33.91	23200	1.30	
48	2980	30.39	23200	1.45	
53	2690	27.44	23100	1.60	
59	2450	24.92	22900	1.75	JRTFA97DS180S4*
66	2170	22.11	22600	2.0	JRTFAF97DS180S4*
73	1970	20.07	22400	2.2	JRTF97DS180S4*
85	1690	17.25	21900	2.5	JRTFF97DS180S4*
97	1480	15.06	21400	2.9	
114	1250	12.77	20800	3.4	
131	1100	11.16	20200	3.7	
55	2600	26.50	12300	1.15	
62	2320	23.68	12600	1.30	
68	2090	21.32	12700	1.45	
76	1890	19.31	12800	1.60	
85	1680	17.12	12900	1.80	
94	1520	15.48	12800	2.0	JRTFA87DS180S4*
111	1290	13.12	12700	2.3	JRTFAF87DS180S4*
127	1120	11.46	12600	2.7	JRTF87DS180S4*
152	940	9.58	12300	3.1	JRTFF87DS180S4*
176	810	8.29	11700	1.90	
199	720	7.35	11500	2.1	
220	650	6.65	11300	2.3	
259	555	5.63	11000	2.8	
297	485	4.92	10700	3.2	
355	405	4.12	10300	3.6	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n _a	T _a	i	F _{RA}	f _B	
[toeren/min]	[Nm]		[N]		
18.5kW					
3.2	55211	455	190000	0.91	
3.4	51963	427	190000	0.96	JRTFH177R107DS180M4*
4.9	36056	295	190000	1.39	JRTF177R107DS180M4*
5.5	32123	262	190000	1.56	
6.5	27181	222	190000	1.84	
7.5	23557	194	190000	2.12	
3.3	53538	440	190000	0.93	
3.7	47750	390	190000	1.05	JRTFH177R97DS180M4*
4.2	42065	344	190000	1.19	JRTF177R97DS180M4*
4.8	36807	305	190000	1.36	
6.5	27181	224	190000	1.84	
7.2	24538	202	190000	2.04	
5.2	31304	283	150000	1.02	JRTFA167R107DS180M4*
5.7	28438	257	150000	1.13	JRTFAF167R107DS180M4*
6.4	25232	228	150000	1.27	JRTF167R107DS180M4*
7.1	22894	207	150000	1.40	JRTFF167R107DS180M4*
8.3	19675	178	150000	1.63	
6.7	26369	216.26	190000	1.90	
7.4	23875	195.39	190000	2.09	JRTFH177DS180M4*
8.3	21286	173.85	190000	2.35	JRTF177DS180M4*
9.3	18997	155.93	190000	2.63	
9.8	16940	149.94	150000	1.89	JRTFH167DS180M4*
12.0	13783	122.00	150000	2.32	JRTF167DS180M4*
					JRTFA157R97DS180M4*
7.2	22500	202	76400	0.80	JRTFAF157R97DS180M4*
7.5	21800	197	86800	0.80	JRTF157R97DS180M4*
					JRTFF157R97DS180M4*
8.2	21500	178.20	88200	0.85	
9.0	19700	162.96	95000	0.90	
10	17100	141.80	102800	1.05	
12	15100	125.14	107900	1.20	JRTFA157DS180M4*
14	13100	108.49	112100	1.40	JRTFAF157DS180M4*
15	11600	96.53	111300	1.55	JRTF157DS180M4*
17	10300	85.80	109300	1.75	JRTFF157DS180M4*
19	9460	78.46	107600	1.90	
21	8230	68.28	104900	2.2	
24	7270	60.25	102300	2.5	
28	6300	52.24	99300	2.9	

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
18.5kW					
13	13800	114.34	82200	0.85	
15	11900	98.95	81700	1.00	
17	10500	87.31	80900	1.15	JRTFA127DS180M4*
19	9090	75.41	79700	1.30	JRTFAF127DS180M4*
21	8450	70.07	79000	1.40	JRTF127DS180M4*
23	7710	63.91	78100	1.55	JRTFF127DS180M4*
26	6670	55.31	76400	1.80	
30	5880	48.80	74900	2.0	
20	8990	74.52	46200	0.85	JRTFA107DS180M4*
22	8150	67.62	48500	0.95	JRTFAF107DS180M4*
25	7010	58.12	48700	1.10	JRTF107DS180M4*
29	6120	50.73	48400	1.25	JRTFF107DS180M4*
34	5190	43.03	47700	1.50	JRTFA107DS180M4*
39	4540	37.61	47000	1.70	JRTFAF107DS180M4*
46	3830	31.80	46000	2.0	JRTF107DS180M4* JRTFF107DS180M4*
43	4070	33.79	46400	1.80	JRTFA107DS180M4*
53	3320	27.57	45000	2.4	JRTFAF107DS180M4*
58	3030	25.14	44300	2.6	JRTF107DS180M4*
67	2620	21.76	43200	3.0	JRTFF107DS180M4*
38	4690	38.86	20000	0.90	
45	3920	32.50	20600	1.10	
53	3310	27.44	20900	1.30	
59	3010	24.92	20900	1.45	JRTFA97DS180M4*
66	2670	22.11	20900	1.60	JRTFAF97DS180M4*
73	2420	20.07	20800	1.80	JRTF97DS180M4*
85	2080	17.25	20500	2.1	JRTFF97DS180M4*
97	1820	15.06	20200	2.4	
115	1540	12.77	19800	2.8	
131	1350	11.16	19300	3.0	
69	2570	21.32	10900	1.15	
76	2330	19.31	11100	1.30	
86	2060	17.12	11400	1.45	
95	1870	15.48	11500	1.60	
112	1580	13.12	11600	1.90	JRTFA87DS180M4*
128	1380	11.46	11600	2.2	JRTFAF87DS180M4*
153	1160	9.58	11500	2.5	JRTF87DS180M4*
177	1000	8.29	10900	1.55	JRTFF87DS180M4*
199	890	7.35	10800	1.75	
220	800	6.65	10700	1.90	
260	680	5.63	10400	2.2	
298	595	4.92	10200	2.6	
356	495	4.12	9900	2.9	
22kW					
6.7	31358	216.26	190000	1.59	
7.4	28392	195.39	190000	1.76	JRTFH177DS180L4*
8.3	25313	173.85	190000	1.98	JRTF177DS180L4*
9.3	22591	155.93	190000	2.21	
11	19100	135.39	190000	2.62	
6.4	30014	228	150000	1.07	JRTFA167R107DS180L4*
7.1	27225	207	150000	1.18	JRTFAF167R107DS180L4*
8.3	23398	178	150000	1.37	JRTF167R107DS180L4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
22kW					
9.8	20145	149.94	150000	1.59	JRTFA167DS180L4 *
12.0	16390	122.00	150000	1.95	JRTFAF167DS180L4 *
15.1	13112	97.60	147200	2.44	JRTF167DS180L4 *
10	20900	96.53	90500	0.85	JRTFA157DS200L6
11	18600	85.80	98500	0.95	JRTFAF157DS200L6
12	17000	78.46	103100	1.05	JRTF157DS200L6
14	14800	68.28	107700	1.20	JRTFF157DS200L6
10	20300	141.80	92600	0.90	
12	17900	125.14	100400	1.00	
14	15600	108.49	106800	1.15	
15	13800	96.53	106900	1.30	
17	12300	85.80	105400	1.45	JRTFA157DS180L4 *
19	11300	78.46	104000	1.60	JRTFAF157DS180L4 *
21	9790	68.28	101700	1.85	JRTF157DS180L4 *
24	8640	60.25	99600	2.1	JRTFF157DS180L4 *
28	7490	52.24	97000	2.4	
32	6660	46.48	94800	2.7	
37	5740	40.06	91900	3.1	
45	4670	32.55	87800	3.9	
15	14200	98.95	76400	0.85	
17	12500	87.31	76300	0.95	
19	10800	75.41	75700	1.10	JRTFA127DS180L4 *
21	10000	70.07	75300	1.20	JRTFAF127DS180L4 *
23	9160	63.91	74700	1.30	JRTF127DS180L4 *
26	7930	55.31	73500	1.50	JRTFF127DS180L4 *
30	7000	48.80	72300	1.70	
35	6040	42.15	70700	2.0	
25	8330	58.12	45200	0.90	JRTFA107DS180L4 *
29	7280	50.76	45300	1.05	JRTFAF107DS180L4 *
34	6170	43.03	45100	1.25	JRTF107DS180L4 *
39	5390	37.61	44800	1.40	JRTFF107DS180L4 *
46	4560	31.80	44100	1.70	
43	4850	33.79	44300	1.55	JRTFA107DS180L4 *
53	3950	27.57	43300	2.0	JRTFAF107DS180L4 *
58	3610	25.14	42800	2.2	JRTF107DS180L4 *
67	3120	21.76	41900	2.5	JRTFF107DS180L4 *
76	2750	19.20	41000	2.8	
53	3940	27.44	18700	1.10	
59	3570	24.92	18900	1.20	
66	3170	22.11	19100	1.35	JRTFA97DS180L4 *
73	2880	20.07	19200	1.50	JRTFAF97DS180L4 *
85	2470	17.25	19100	1.75	JRTF97DS180L4 *
97	2160	15.06	19000	2.0	JRTFF97DS180L4 *
115	1830	12.77	18700	2.3	
131	1600	11.16	18400	2.6	
69	3060	21.32	8990	1.00	
76	2770	19.31	9430	1.10	JRTFA87DS180L4 *
86	2460	17.12	9850	1.20	JRTFAF87DS180L4 *
95	2220	15.48	10100	1.35	JRTF87DS180L4 *
112	1880	13.12	10400	1.60	JRTFF87DS180L4 *
128	1640	11.46	10600	1.85	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
22kW					
153	1370	9.58	10600	2.1	
177	1190	8.29	10100	1.30	JRTFA87DS180L4 *
199	1050	7.35	10100	1.45	JRTFAF87DS180L4 *
220	950	6.65	10000	1.60	JRTF87DS180L4 *
260	810	5.63	9900	1.90	JRTFF87DS180L4 *
298	705	4.92	9750	2.2	
356	590	4.12	9500	2.5	
30kW					
7.1	37125	207	150000	0.86	JRTFA167R107DS200L4*
8.3	31906	178	150000	1.00	JRTFAF167R107DS200L4* JRTF167R107DS200L4* JRTFF167R107DS200L4*
6.7	42761	216.26	190000	1.17	
7.4	38716	195.39	190000	1.29	
8.3	34518	173.85	190000	1.45	
9.3	30806	155.93	190000	1.62	JRTFH177DS200L4* JRTF177DS200L4*
11	26045	135.39	190000	1.92	
12	23875	122.84	190000	2.09	
14	20464	105.81	190000	2.44	
16	17906	88.93	190000	2.79	
12.0	22350	122.00	150000	1.43	JRTFA167DS200L4 *
15.1	17880	97.60	147200	1.79	JRTFAF167DS200L4*
16.9	15901	86.80	140100	2.01	JRTF167DS200L4 *
19.4	13853	75.62	132000	2.31	JRTFF167DS200L4 *
14	21100	108.49	89600	0.85	
15	18800	96.53	96900	0.95	
17	16700	85.80	96400	1.10	JRTFA157DS200L4 *
19	15300	78.46	95800	1.20	JRTFAF157DS200L4 *
22	13300	68.28	94600	1.35	JRTF157DS200L4 *
24	11700	60.25	93300	1.55	JRTFF157DS200L4 *
28	10200	52.24	91500	1.75	
32	9060	46.48	89900	2.0	
37	7810	40.06	87700	2.3	
19	14700	75.41	66600	0.80	
21	13700	70.07	66800	0.90	
23	12500	63.91	66900	0.95	JRTFA127DS200L4 *
27	10800	55.31	66700	1.10	JRTFAF127DS200L4 *
30	9510	48.80	66300	1.25	JRTF127DS200L4 *
35	8210	42.15	65500	1.45	JRTFF127DS200L4 *
39	7270	37.28	64700	1.65	
47	6110	31.33	63200	1.95	
58	4930	25.30	61200	2.4	
55	5240	26.86	61800	1.60	JRTFA127DS200L4 *
60	4790	24.57	60900	1.80	JRTFAF127DS200L4 *
69	4170	21.38	59400	2.9	JRTF127DS200L4 *
78	3680	18.87	58000	3.0	JRTFF127DS200L4 *

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
30kW					
34	8390	43.03	39200	0.90	JRTFA107DS200L4 *
39	7330	37.61	39600	1.05	JRTFAF107DS200L4 *
46	6200	31.80	39700	1.25	JRTF107DS200L4 * JRTFF107DS200L4 *
53	5370	27.57	39500	1.46	
58	4900	25.14	39300	1.60	
68	4240	21.76	38800	1.85	JRTFA107DS200L4 *
77	3740	19.20	38300	2.1	JRTFAF107DS200L4 *
89	3230	16.58	37600	2.4	JRTF107DS200L4 *
100	2860	14.67	36900	2.7	JRTFF107DS200L4 *
119	2400	12.33	35900	2.9	
148	1940	9.96	34500	3.3	
66	4310	22.11	15100	1.00	
73	3910	20.07	15500	1.10	
85	3360	17.25	16000	1.30	
98	2930	15.06	16300	1.45	
115	2490	12.77	16400	1.75	JRTFA97DS200L4 *
132	2180	11.16	16400	1.90	JRTFAF97DS200L4 *
162	1770	9.06	15400	1.35	JRTF97DS200L4 *
179	1600	8.22	15300	1.45	JRTFF97DS200L4 *
208	1380	7.07	15100	1.70	
238	1200	6.17	14900	1.85	
281	1020	5.23	14600	2.1	
321	890	4.57	14300	2.3	
37kW					
6.7	52739	216.26	190000	0.95	
7.4	47750	195.39	190000	1.05	
8.3	42572	173.85	190000	1.17	
9.3	37995	155.93	190000	1.32	JRTFH177DS225S4
11	32123	135.39	190000	1.56	JRTF177DS225S4
12	29446	122.84	190000	1.70	
14	25239	105.81	190000	1.98	
16	22084	88.93	190000	2.26	
19	18597	77.00	190000	2.69	
12.1	27472	122.00	150000	1.16	
15.1	21977	97.60	147200	1.46	
17.0	19545	86.80	140100	1.64	
19.5	17028	75.62	132000	1.88	JRTFH167DS225S4
21.9	15193	67.47	125600	2.11	JRTF167DS225S4
25.6	12950	57.51	117000	2.47	
31.0	10730	47.65	107400	2.98	
17	20600	85.80	88600	0.85	
19	18900	78.46	88700	0.95	JRTFA157DS225S4
22	16400	68.28	88400	1.10	JRTFAF157DS225S4
24	14500	60.25	87800	1.25	JRTF157DS225S4
28	12600	52.24	86800	1.45	JRTFF157DS225S4
32	11200	46.48	85700	1.60	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
37kW					
37	9630	40.06	84000	1.85	JRTFA157DS225S4
45	7820	32.55	81400	2.3	JRTFAF157DS225S4
53	6630	27.60	79100	2.7	JRTFF157DS225S4
27	13300	55.31	60900	0.90	
30	11700	48.80	61100	1.00	JRTFA127DS225S4
35	10100	42.15	61100	1.20	JRTFAF127DS225S4
39	8960	37.28	60700	1.35	JRTF127DS225S4
47	7530	31.33	59900	1.60	JRTFF127DS225S4
58	6080	25.30	58500	1.95	
55	6460	26.86	58900	1.30	
60	5910	24.57	58300	1.45	
69	5140	21.38	57100	2.3	
78	4530	18.87	56000	2.4	JRTFA127DS225S4
90	3930	16.36	54600	2.8	JRTFAF127DS225S4
101	3500	14.55	53400	3.1	JRTF127DS225S4
117	3010	12.54	51900	3.3	JRTFF127DS225S4
144	2450	10.19	49600	3.9	
166	2130	8.86	47700	3.3	
186	1890	7.88	46500	3.2	
53	6630	27.57	36200	1.20	
58	6040	25.14	36200	1.30	
68	5230	21.76	36200	1.50	
77	4610	19.20	36000	1.70	
89	3990	16.58	35600	1.95	JRTFA107DS225S4
100	3530	14.67	35100	2.2	JRTFAF107DS225S4
119	2960	12.33	34400	2.4	JRTF107DS225S4
148	2390	9.96	33300	2.7	JRTFF107DS225S4
152	2330	9.69	32400	2.1	
176	2010	8.37	31700	2.4	
199	1780	7.40	31000	2.6	
236	1500	6.22	30000	3.1	
45kW					
8.3	51777	173.85	190000	0.97	
9.3	46210	155.93	190000	1.08	
11	39068	135.39	190000	1.28	
12	35813	122.84	190000	1.40	JRTFH177DS225M4
14	30696	105.81	190000	1.63	JRTF177DS225M4
16	26859	88.93	190000	1.86	
19	22618	77.00	190000	2.21	
23	18685	64.16	190000	2.68	
27	15917	54.71	190000	3.14	
12.1	33411	122.00	150000	0.96	
15.1	26729	97.60	147200	1.20	
17.0	23771	86.80	140100	1.35	JRTFA167DS225M4*
19.5	20710	75.62	132000	1.55	JRTFAF167DS225M4*
21.9	18478	67.47	125600	1.73	JRTF167DS225M4*
25.6	15750	57.51	117000	2.03	JRTFF167DS225M4*
31.0	13050	47.65	107400	2.45	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
45kW					
22	20000	68.28	81300	0.90	
24	17600	60.25	81600	1.00	JRTFA157DS225M4
28	15300	52.24	81300	1.20	JRTFAF157DS225M4
32	13600	46.48	80900	1.30	JRTF157DS225M4
37	11700	40.06	79900	1.55	JRTFF157DS225M4
45	9510	32.55	78000	1.90	
53	8070	27.60	76200	2.2	
30	14300	48.80	55200	0.85	JRTFA127DS225M4
35	12300	42.15	56000	0.95	JRTFAF127DS225M4
39	10900	37.28	56200	1.10	JRTF127DS225M4
47	9160	31.33	56100	1.30	JRTFF127DS225M4
58	7400	25.30	55400	1.60	
55	7850	26.86	55700	1.10	
60	7180	24.57	55300	1.20	
69	6250	21.38	54500	1.90	
78	5520	18.87	53700	2.0	
90	4780	16.36	52600	2.3	JRTFA127DS225M4
101	4250	14.55	51600	2.6	JRTFAF127DS225M4
117	3670	12.54	50300	2.7	JRTF127DS225M4
144	2980	10.19	48400	3.2	JRTFF127DS225M4
166	2590	8.86	46600	2.7	
186	2300	7.88	45500	2.6	
216	1990	6.80	44000	3.5	
266	1610	5.52	42000	3.7	
53	8060	27.57	32400	0.95	
58	7350	25.14	32800	1.05	JRTFA107DS225M4
68	6360	21.76	33200	1.25	JRTFAF107DS225M4
77	5610	19.20	33300	1.40	JRTF107DS225M4
89	4850	16.58	33300	1.60	JRTFF107DS225M4
100	4290	14.67	33100	1.80	
119	3600	12.33	32700	1.95	
148	2910	9.96	31900	2.2	JRTFA107DS225M4
152	2830	9.69	31000	1.75	JRTFAF107DS225M4
176	2450	8.37	30400	1.95	JRTF107DS225M4
199	2160	7.40	29900	2.1	JRTFF107DS225M4
236	1820	6.22	29100	2.5	
55kW					
9.3	56478	155.93	190000	0.89	
11	47750	135.39	190000	1.05	
12	43771	122.84	190000	1.14	JRTFH177D250M4
14	37518	105.81	190000	1.33	JRTF177D250M4
16	32828	88.93	190000	1.52	
19	27645	77.00	190000	1.81	
23	22837	64.16	190000	2.19	
27	19454	54.71	190000	2.57	
15.2	32559	97.60	147200	0.98	JRTFA167D250M4*
17.1	28955	86.80	140100	1.11	JRTFAF167D250M4*
19.6	25226	75.62	132000	1.27	JRTF167D250M4*

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	fB	
[toeren/min]	[Nm]		[N]		
55kW					
21.9	22507	67.47	125600	1.42	JRTFA167D250M4 *
25.7	19184	57.51	117000	1.67	JRTFAF167D250M4*
31.1	15896	47.65	107400	2.01	JRTF167D250M4*
36.4	13568	40.67	99700	2.36	JRTFF167D250M4*
24	21500	60.25	73800	0.85	
28	18600	52.24	74600	0.95	JRTFA157D250M4
32	16500	46.68	74800	1.10	JRTFAF157D250M4
37	14300	40.06	74700	1.25	JRTF157D250M4
45	11600	32.55	73800	1.55	JRTFF157D250M4
53	9830	27.60	72600	1.85	
52	10200	28.60	72900	1.65	JRTFA157D250M4
58	9060	25.43	71900	1.65	JRTFAF157D250M4
67	7890	22.16	70600	2.3	JRTF157D250M4
75	7040	19.77	69400	2.4	JRTFF157D250M4
88	6000	16.85	67600	3.0	
40	13300	37.28	50600	0.90	JRTFA127D250M4
47	11200	31.33	51400	1.10	JRTFAF127D250M4
58	9010	25.30	51600	1.35	JRTF127D250M4
					JRTFF127D250M4
69	7610	21.38	51300	1.60	
78	6720	18.87	50800	1.65	
90	5820	16.36	50100	1.90	
101	5180	14.55	49400	2.1	JRTFA127D250M4
118	4470	12.54	48400	2.2	JRTFAF127D250M4
145	3630	10.19	46800	2.6	JRTF127D250M4
166	3160	8.86	45100	2.2	JRTFF127D250M4
187	2810	7.88	44200	2.1	
217	2420	6.80	42900	2.9	
267	1970	5.52	41100	3.0	
315	1670	4.68	39600	3.6	
75kW					
14	51161	105.81	190000	0.98	
16	44766	88.93	190000	1.12	
19	37697	77.00	190000	1.33	
23	31141	64.16	190000	1.61	JRTFH177D280S4
27	26528	54.71	190000	1.88	JRTF177D280S4
34	21066	42.85	190000	2.37	
37	19358	38.69	190000	2.58	
42	17054	34.82	190000	2.93	
44	16278	33.33	190000	3.07	
21.9	30692	67.47	125600	1.04	
25.7	26161	57.51	117000	1.22	JRTFA167D280S4 *
31.1	21676	47.65	107400	1.48	JRTFAF167D280S4 *
36.4	18501	40.67	99700	1.73	JRTF167D280S4 *
45.8	14694	32.30	93700	2.18	JRTFF167D280S4 *
51.4	13111	28.82	88600	2.44	

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	fB	
[toeren/min]	[Nm]		[N]		
75kW					
32	22500	46.48	62900	0.80	JRTFA157D280S4
37	19400	40.06	64400	0.95	JRTFAF157D280S4
45	15800	32.55	65400	1.15	JRTF157D280S4
54	13400	27.60	65500	1.35	JRTFF157D280S4
52	13800	28.60	65500	1.25	
58	12300	25.43	65400	1.20	JRTFA157D280S4
67	10700	22.16	64900	1.70	JRTFAF157D280S4
75	9570	19.77	64300	1.80	JRTF157D280S4
88	8150	16.85	63200	2.2	JRTFF157D280S4
106	6760	13.96	61600	2.5	
124	5770	11.92	60100	2.8	
58	12200	25.30	44000	1.00	JRTFA127D280S4
69	10300	21.38	44800	1.15	JRTFAF127D280S4
78	9130	18.87	45100	1.20	JRTF127D280S4
90	7920	16.36	45200	1.40	JRTFF127D280S4
102	7040	14.55	45000	1.55	
118	6070	12.54	44600	1.65	
145	4930	10.19	43700	1.95	JRTFA127D280S4
167	4290	8.86	42200	1.65	JRTFAF127D280S4
188	3810	7.88	41600	1.55	JRTF127D280S4
218	3290	6.80	40700	2.1	JRTFF127D280S4
268	2670	5.52	39300	2.2	
316	2270	4.68	38100	2.7	
90kW					
16	53719	88.93	190000	0.93	
19	45237	77.00	190000	1.11	
23	37370	64.16	190000	1.34	
27	31833	54.71	190000	1.57	JRTFH177D280M4
34	25279	42.65	190000	1.98	JRTF177D280M4
37	23230	38.69	190000	2.15	
42	20464	34.82	190000	2.44	
44	19534	33.33	190000	2.56	
47	18287	30.98	190000	2.73	
52	16529	27.79	190000	3.03	
25.7	31393	57.51	117000	1.02	
31.1	26011	47.65	107400	1.23	JRTFA167D280M4 *
36.4	22202	40.67	99700	1.44	JRTFAF167D280M4 *
45.8	17633	32.30	93700	1.81	JRTF167D280M4 *
51.4	15733	28.82	88600	2.03	JRTFF167D280M4 *
60.3	13407	24.56	81700	2.39	
45	18900	32.55	59100	0.95	JRTFA157D280M4
54	16000	27.60	60200	1.10	JRTFAF157D280M4
					JRTF157D280M4
					JRTFF157D280M4

JRTF

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
90kW					
52	16600	28.60	60000	1.00	
58	14800	25.43	60400	1.00	JRTFA157D280M4
67	12900	22.16	60600	1.40	JRTFAF157D280M4
75	11500	19.77	60500	1.50	JRTF157D280M4
88	9790	16.85	59900	1.85	JRTFF157D280M4
106	8110	13.96	58900	2.1	
124	6920	11.92	57800	2.3	
58	14700	25.30	33100	0.8	JRTFA127D280M4 JRTFAF127D280M4 JRTF127D280M4 JRTFF127D280M4
69	12400	21.38	38800	0.95	
78	11000	18.87	40900	1.00	
90	9500	16.36	41500	1.15	
102	8450	14.55	41700	1.30	JRTFA127D280M4
118	7280	12.54	41800	1.35	JRTFAF127D280M4
145	5920	10.19	41400	1.60	JRTF127D280M4
167	5150	8.86	40100	1.35	JRTFF127D280M4
188	4580	7.88	39700	1.30	
218	3950	6.80	39000	1.75	
268	3210	5.52	37900	1.85	
316	2720	4.68	36900	2.2	
110kW					
19	55289	77.00	190000	0.90	
23	45674	64.16	190000	1.09	
27	38907	54.71	190000	1.29	
34	30897	42.65	190000	1.62	
37	28392	38.69	190000	1.76	JRTFH177D315S4
42	25012	34.82	177200	2.00	JRTF177D315S4
44	23875	33.33	190000	2.09	
47	22351	30.98	169900	2.24	
52	20202	27.79	159000	2.48	
60	17508	24.25	147000	2.86	
31.1	31791	47.65	107400	1.01	
36.4	27135	40.67	99700	1.18	
45.8	21551	32.30	93700	1.48	JRTFA167D315S4 *
51.4	19229	28.82	88600	1.66	JRTFAF167D315S4 *
60.3	16387	24.56	81700	1.95	JRTF167D315S4 *
72.7	13578	20.35	74000	2.36	JRTFF167D315S4 *
85.2	11589	17.37	67900	2.76	
54	19500	27.60	53100	0.90	JRTFA157D315S4 JRTFAF157D315S4 JRTF157D315S4 JRTFF157D315S4
67	15700	22.16	54900	1.15	
75	14000	19.77	55400	1.20	JRTFA157D315S4
88	11900	16.85	55600	1.50	JRTFAF157D315S4
106	9880	13.96	55300	1.70	JRTF157D315S4
125	8430	11.92	54700	1.90	JRTFF157D315S4

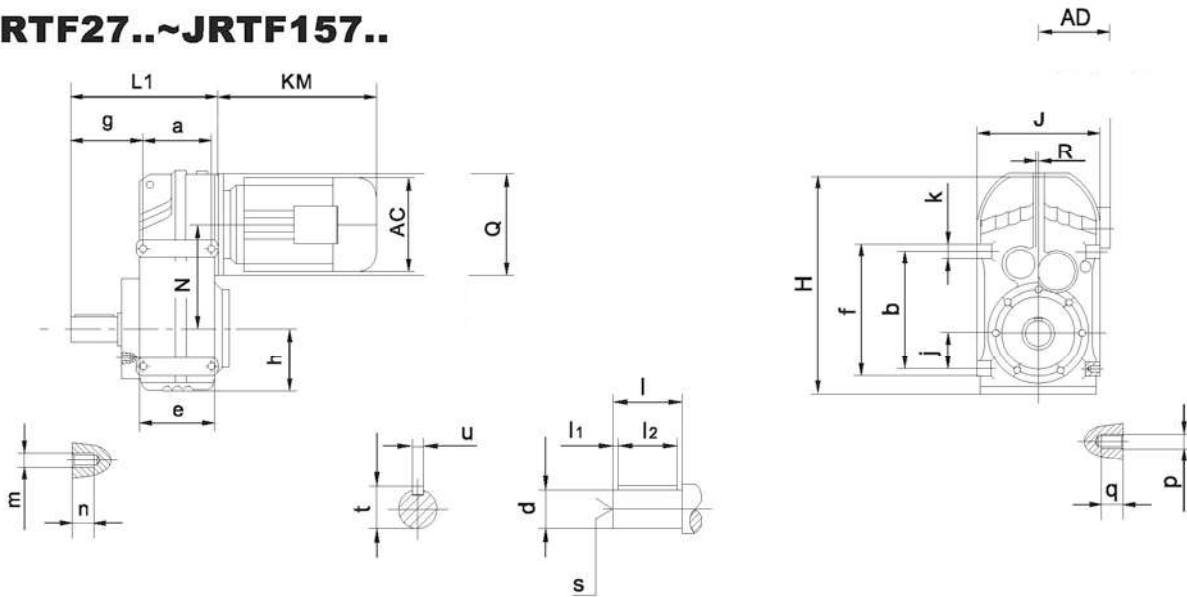
uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
132kW					
23	54809	64.16	190000	0.91	
27	46689	54.71	190000	1.07	
34	37076	42.65	190000	1.35	
37	34070	38.69	190000	1.47	
42	30014	34.82	177200	1.67	JRTFH17D315M4
44	28650	33.33	190000	1.75	JRTF177D315M4
47	26821	30.98	169900	1.86	
52	24242	27.79	159000	2.06	
60	21010	24.25	147000	2.38	
66	19100	21.89	137500	2.62	
36.5	32475	40.67	99700	0.99	
45.9	25791	32.30	93700	1.24	JRTFA167D315M4 *
51.5	23013	28.82	88600	1.39	JRTFAF167D315M4 *
60.4	19611	24.56	81700	1.63	JRTF167D315M4 *
72.9	16249	20.35	74000	1.97	JRTFF167D315M4 *
85.4	13870	17.37	67900	2.31	
67	18800	22.16	48700	0.95	
75	16800	19.77	49800	1.00	JRTFA157D315M4
88	14300	16.85	50900	1.25	JRTFAF157D315M4
106	11900	13.96	51400	1.45	JRTF157D315M4
125	10100	11.92	51400	1.60	JRTFF157D315M4
160kW					
27	56593	54.71	190000	0.88	
34	44941	42.65	190000	1.11	
37	41297	38.69	190000	1.21	
42	36381	34.82	177200	1.37	
44	34727	33.33	190000	1.44	
47	32511	30.98	169900	1.54	JRTFH177D315M4a
52	29385	27.79	159000	1.70	JRTF177D315M4a
60	25467	24.25	147000	1.96	
66	23152	21.89	137500	2.16	
72	21222	20.21	188200	2.36	
77	19844	18.86	126100	2.52	
84	18190	17.23	177200	2.75	
91	16791	15.85	116600	2.98	
60.4	23771	24.56	81700	1.35	JRTFA167D315M4a *
72.9	19696	20.35	74000	1.62	JRTFAF167D315M4a *
85.4	16812	17.37	67900	1.90	JRTF167D315M4a *
130.5	11236	11.37	68000	2.85	JRTFA167D315M4a *
154.6	9489	9.60	64000	3.27	JRTFAF167D315M4a *
					JRTF167D315M4a *

uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
160kW					
95	16084	15.23	78225	1.99	
97	15753	14.95	112770	2.03	JRTFH167D315M4a
109	14018	13.34	104685	2.28	JRTF167D315M4a
128	11938	11.37	98385	2.68	
154	9922	9.42	93030	3.23	
88	17300	16.85	44800	1.05	JRTFA157D315M4a
106	14400	13.96	46400	1.20	JRTFAF157D315M4a
125	12300	11.92	47100	1.30	JRTF157D315M4a
					JRTFF157D315M4a
200kW					
37	51622	38.69	190000	0.97	
42	45476	34.82	177200	1.10	
44	43409	33.33	190000	1.15	
47	40638	30.98	169900	1.23	
52	36731	27.79	159000	1.36	JRTFH177D315M4b
60	31833	24.25	147000	1.57	JRTF177D315M4b
66	28939	21.89	137500	1.73	
72	26528	20.21	188200	1.88	
77	24805	18.86	126100	2.02	
84	22738	17.23	177200	2.20	
91	20989	15.85	116600	2.38	
106	18019	13.72	112700	2.77	
60.42	29714	24.56	81700	1.08	JRTFA167D315M4b *
72.92	24620	20.35	74000	1.30	JRTFAF167D315M4b *
85.43	21015	17.37	67900	1.52	JRTF167D315M4b *
					JRTFF167D315M4b *
130.55	14045	11.37	68000	2.28	JRTFA167D315M4b *
154.58	11862	9.60	64000	2.61	JRTFAF167D315M4b *
					JRTF167D315M4b *
					JRTFF167D315M4b *
88	21700	16.85	36100	0.85	JRTFA157D315M4b
106	18000	13.96	39200	0.95	JRTFAF157D315M4b
125	15300	11.92	41000	1.05	JRTF157D315M4b
					JRTFF157D315M4b
250kW					
42	56845	34.82	177200	0.88	
44	54261	33.33	190000	0.92	
47	50798	30.98	169900	0.98	JRTFH177D355M4
52	45913	27.79	159000	1.09	JRTF177D355M4
60	39792	24.25	147000	1.26	

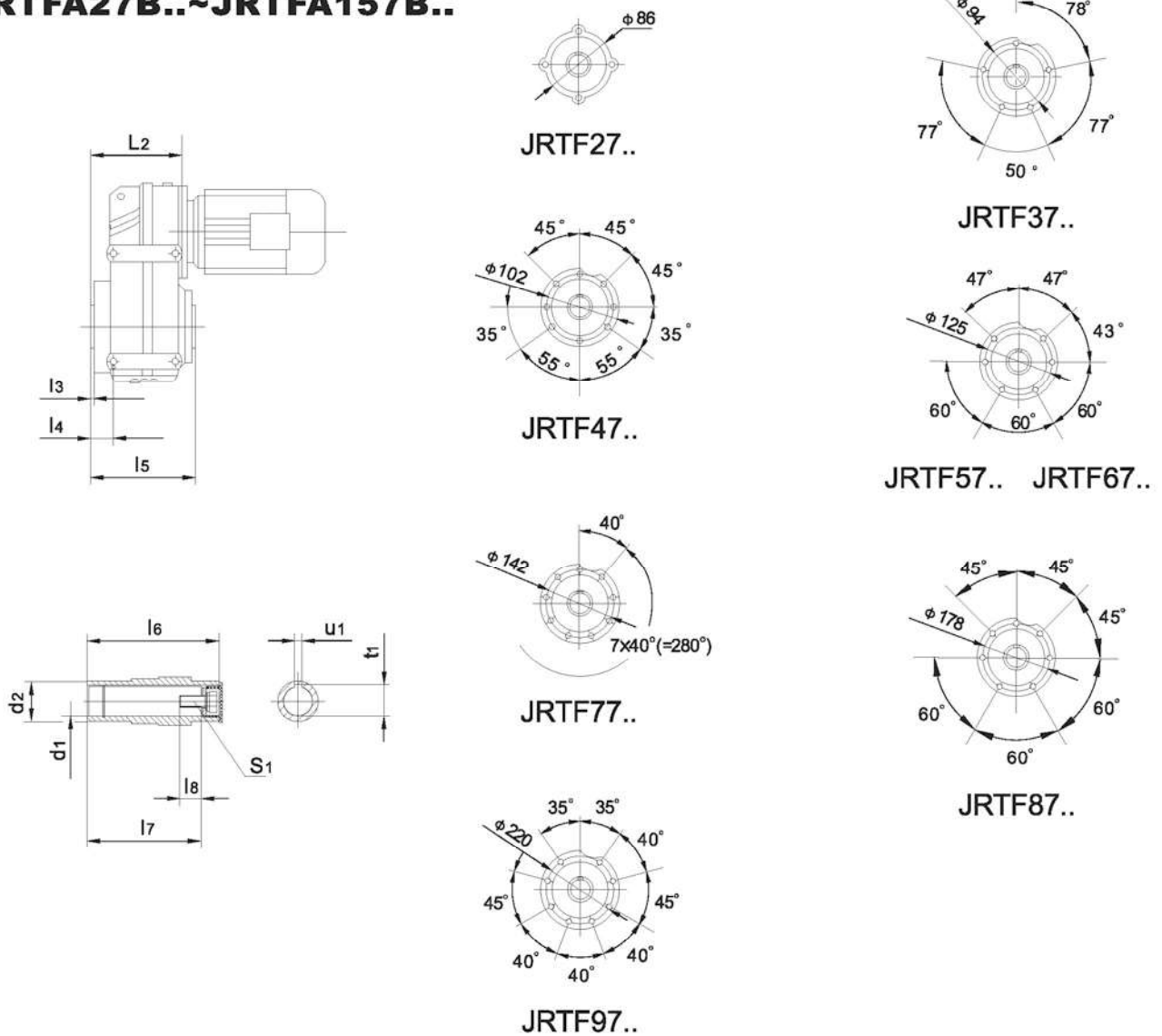
uitgaand toerental	uitgaand koppel	ratio	radiale belasting	service factor	model
n_a	T_a	i	FRA	f_B	
[toeren/min]	[Nm]		[N]		
250kW					
66	36174	21.89	137500	1.38	
72	33160	20.21	188200	1.51	
77	31006	18.86	126100	1.61	
84	28423	17.23	177200	1.76	
91	26236	15.85	116600	1.91	
106	22524	13.72	112700	2.22	JRTFH177D355M4
127	18799	11.44	99100	2.66	JRTF177D355M4
149	16023	9.75	90200	3.12	
71	33627	20.32	150000	0.95	
75	31833	19.29	131880	1.01	
85	28088	17.16	122850	1.14	
95	25132	15.23	78225	1.27	
97	24613	14.95	112770	1.30	
73.07	30713	20.35	74000	1.04	JRTFA167D355M4 *
85.61	26216	17.37	67900	1.22	JRTFAF167D355M4 *
					JRTF167D355M4 *
					JRTFF167D355M4 *
130.81	17521	11.37	68000	1.83	JRTFA167D355M4 *
154.90	14797	9.60	64000	2.1	JRTFAF167D355M4 *
					JRTF167D355M4 *
					JRTFF167D355M4 *

7.5 Afmetingen

JRTF27..~JRTF157..

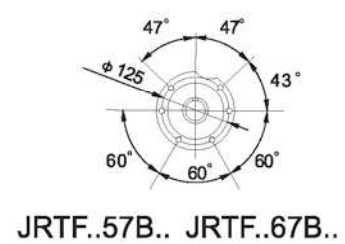
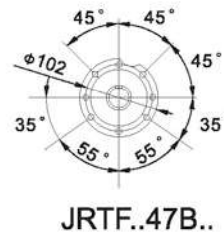
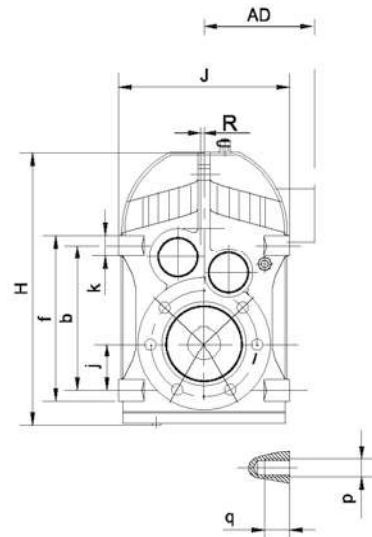
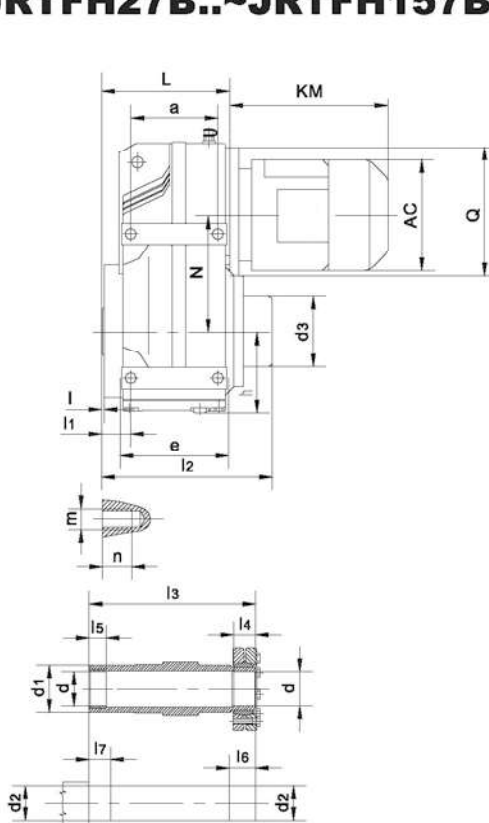


JRTFA27B..~JRTFA157B..

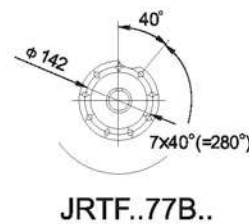
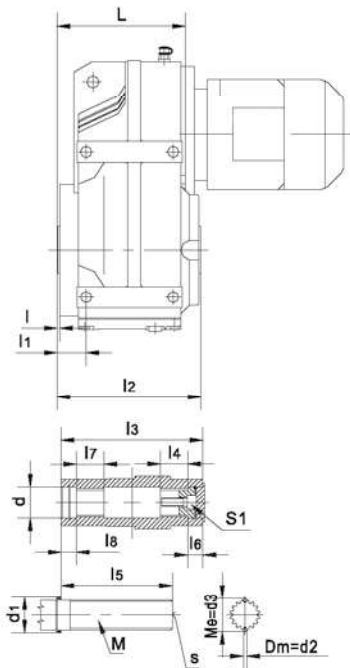


Type	a b	e f	g	h	j	K R	m n	p q	As afmetingen				
									d	l	l ₁ l ₂	s	t u
JRTF27.. JRTFA27B..	65 100	80 116	71.5	60	31	16 0	M8 16	M8 16	25k6	50	5 40	M10	28 8
JRTF37.. JRTFA37B..	77 115	95 135	72.5	76	31	20 0	M8 11	M8 11	25k6	50	5 40	M10	28 8
JRTF47.. JRTFA47B..	93 145	109 165	91	77	43	20 0	M8 11	M10 15	30k6	60	3.5 50	M10	33 8
JRTF57.. JRTFA57B..	102 170	126 195	104.5	93	55	25 0	M12 17	M12 17	35k6	70	7 56	M12	38 10
JRTF67.. JRTFA67B..	112 190	131 215	118.5	97	60	25 0	M12 17	M12 17	40k6	80	5 70	M16	43 12
JRTF77.. JRTFA77B..	140 240	165 275	137.5	121	70	35 0	M12 17	M16 26	50k6	100	10 80	M16	53.5 14
JRTF87.. JRTFA87B..	165 310	195 350	163	152	100	40 0	M16 26	M16 26	60m6	120	5 110	M20	64 18
JRTF97.. JRTFA97B..	205 350	240 400	190.5	178	120	50 0	M16 26	M20 28	70m6	140	7.5 125	M20	74.5 20
JRTF107.. JRTFA107B..	220 400	260 460	241.5	200	125	60 0	/	M24 36	90m6	170	5 160	M24	95 25
JRTF127.. JRTFA127B..	270 450	316 520	291	236	142	70 10	/	M30 45	110m6	210	15 180	M24	116 28
JRTF157.. JRTFA157B..	310 540	364 620	325	286	170	80 15	/	M36 55	120m6	210	5 200	M24	127 32
Type	Holle asafmetingen								H J	L ₁	L ₂	N	Q
	d ₁	d ₂	l ₃ l ₄	l ₅	l ₆ l ₇	l ₈	s ₁	t ₁ u ₁					
JRTF27.. JRTFA27B..	25H7	40	2 20.5	107	104 89	17	M10X25	28.3 8	223 150	146	95	98.7	120
JRTF37.. JRTFA37B..	30H7	45	2.5 22.5	123	120 105	17	M10X25	33.3 8	252 165	160	110	112	120
JRTF47.. JRTFA47B..	35H7	50	3 31	153	150 132	22	M10X25	38.3 10	269 180	193	133	128.1	120
JRTF57.. JRTFA57B..	40H7	55	3 33.5	170	166 142	29	M16X40	43.3 12	317 200	221	150	136	160
JRTF67.. JRTFA67B..	40H7	55	3.5 37	184	180 156	29	M16X40	43.3 12	343 212	242	161	159.5	160
JRTF77.. JRTFA77B..	50H7	70	4 36.5	213	210 183	32	M16X45	53.8 14	426 270	294	193	200	200
JRTF87.. JRTFA87B..	60H7	85	4 43	243	240 210	36	M20X50	64.4 18	531 330	344	224	246.7	250
JRTF97.. JRTFA97B..	70H7	95	4 48.5	303	300 270	34	M20X50	74.9 20	623 400	416	274	285	300
JRTF107.. JRTFA107B..	90H7	118	2.5 69.5	353	350 313	40	M24X60	95.4 25	717 450	484	312	332.4	350
JRTF127.. JRTFA127B..	100H7	135	2.5 79.25	413	410 373	38	M24X60	106.4 28	856 530	585	373	382.6	450
JRTF157.. JRTFA157B..	120H7	155	7 118	503	500 460	36	M24X60	127.4 32	1021 660	662	455	447	550

JRTFH27B..~JRTFH157B..



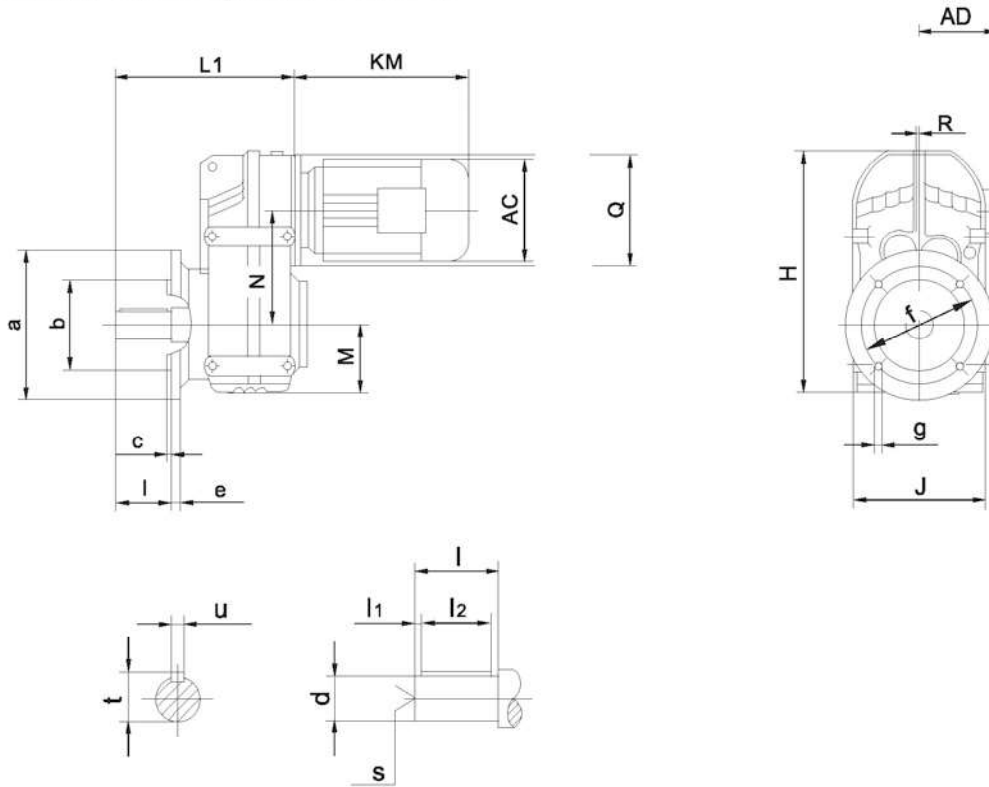
JRTFV27B..~JRTFV107B..



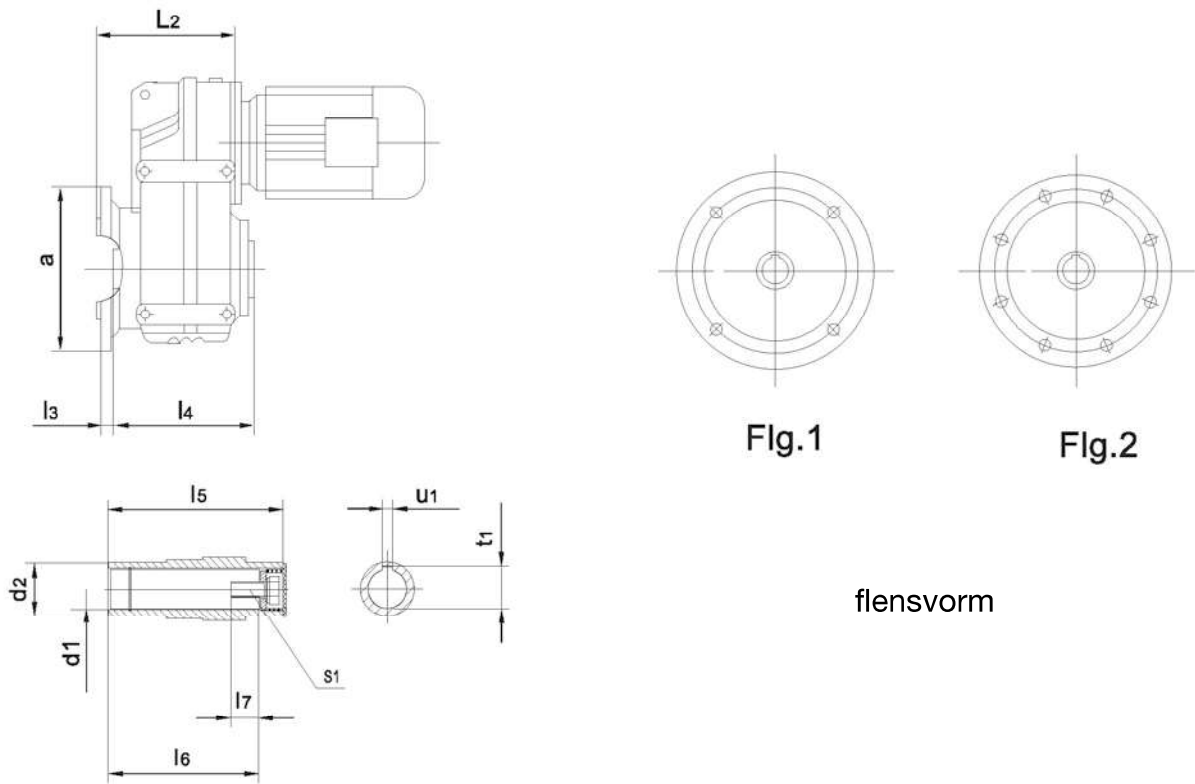
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JRTFH27B..	65	80	60	31	16	M8	M8	25H7	40	25h7	25h6	2	M10	
JRTFV27B..	100	116			0	16	16	32 ^{+0.1} ₀	≥36	2.25	28.03 ⁰ _{0.03}			
JRTFH37B..	77	95	76	31	20	M8	M8	30H7	45	30h7	30h6	2.5	M10	
JRTFV37B..	115	135			0	11	11	37 ^{+0.1} ₀	≥42	2.75	33.03 ⁰ _{0.03}			
JRTFH47B..	93	109	77	43	20	M8	M10	35H7	50	35h7	35h6	3	M10	
JRTFV47B..	145	165			0	11	15	37 ^{+0.1} ₀	≥42	4	38.92 ⁰ _{0.03}			
JRTFH57B..	102	126	93	55	25	M12	M12	40H7	55	40h7	40h6	3	M10	
JRTFV57B..	170	195			0	17	17	37 ^{+0.1} ₀	≥42	4	38.92 ⁰ _{0.03}			
JRTFH67B..	112	131	97	60	25	M12	M12	40H7	55	40h7	40h6	3.5	M16	
JRTFV67B..	190	215			0	17	17	47 ^{+0.1} ₀	≥52	4	48.85 ⁰ _{0.03}			
JRTFH77B..	140	165	121	70	35	M12	M16	50H7	70	50h7	50h6	4	M16	
JRTFV77B..	240	275			0	17	26	57 ^{+0.1} ₀	≥62	4	54.13 ⁰ _{0.03}			
JRTFH87B..	165	195	152	100	40	M16	M16	65H7	85	65h7	65h6	4	M20	
JRTFV87B..	310	350			0	26	26	72 ^{+0.1} ₀	≥82	4	68.96 ⁰ _{0.04}			
JRTFH97B..	205	240	178	120	50	M16	M20	75H7	95	75h7	75h6	4	M20	
JRTFV97B..	350	400			0	26	28	72 ^{+0.1} ₀	≥90	4	74.15 ⁰ _{0.04}			
JRTFH107B..	220	260	200	125	60	-	M24	95H7	118	95h7	95h6	2.5	M20	
JRTFV107B..	400	460			0	-	36	90 ^{+0.1} ₀	≥105	6	90.99 ⁰ _{0.04}			
JRTFH127B..	270	316	236	142	70	-	M30	105H7	135	105h7	105h6	2.5	M20	
	450	520			10	-	45							
JRTFH157B..	310	364	286	170	80	-	M36	125H7	155	125h7	125h6	7	M20	
	540	620			15	-	55							
Holle asafmetingen														
Type	H J	N	Q	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	M	S ₁	L
JRTFH27B..	223	98.7	120	20.5	131	126	25	20	30	25	-	-	-	95
JRTFV27B..	150				104	104	32	72	17	22	17	25X1.25X30X18	M10X30	
JRTFH37B..	252	112	120	22.5	155	146	31	20	36	25	-	-	-	110
JRTFV37B..	165				122	120	25	85	18	25	18	30X1.25X30X22	M10X30	
JRTFH47B..	269	128.1	120	31	184	177	32	20	37	25	-	-	-	133
JRTFV47B..	180				152	150	32	115	18	32	18	35X2X30X16	M10X30	
JRTFH57B..	317	136	160	33.5	200	195	26	20	31	25	-	-	-	150
JRTFV57B..	200				168	166	32	130	18	32	18	35X2X30X16	M10X30	
JRTFH67B..	343	159.5	160	37	215.5	208	38	20	43	25	-	-	-	161
JRTFV67B..	212				180	180	42	130	25	42	25	45X2X30X21	M10X30	
JRTFH77B..	426	200	200	36.5	249	241	36	30	41	35	-	-	-	193
JRTFV77B..	270				210	210	52	160	23	52	23	50X2X30X24	M16X50	
JRTFH87B..	531	246.7	250	43	291	281	41	40	46	45	-	-	-	224
JRTFV87B..	330				240	240	62	180	25	62	25	65X2X30X31	M20X60	
JRTFH97B..	623	285	300	48.5	357	345	55	50	60	55	-	-	-	274
JRTFV97B..	400				300	300	72	240	25	72	25	70X2X30X34	M20X60	
JRTFH107B..	717	332.4	350	69.5	420	405	65	60	75	70	-	-	-	312
JRTFV107B..	450				353	350	89	290	26	89	26	85X3X30X27	M20X60	
JRTFH127B..	856	382.6	450	79.25	505	485	85	70	95	80	-	-	-	373
	530													
JRTFH157B..	1021	447	550	118	598	580	90	80	100	90	-	-	-	455
	660													

JRTFV...B... Spline as is volgens DIN norm. Indien een GB of ISO-norm gewenst is.
Gelieve contact op te nemen met de Euronorm verkoopafdeling.

JRTFF27..~JRTFF167..

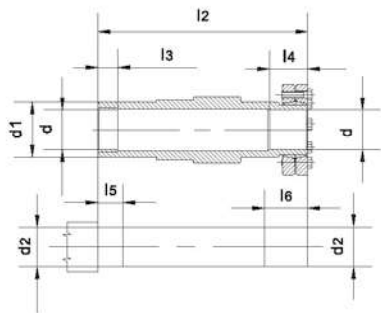
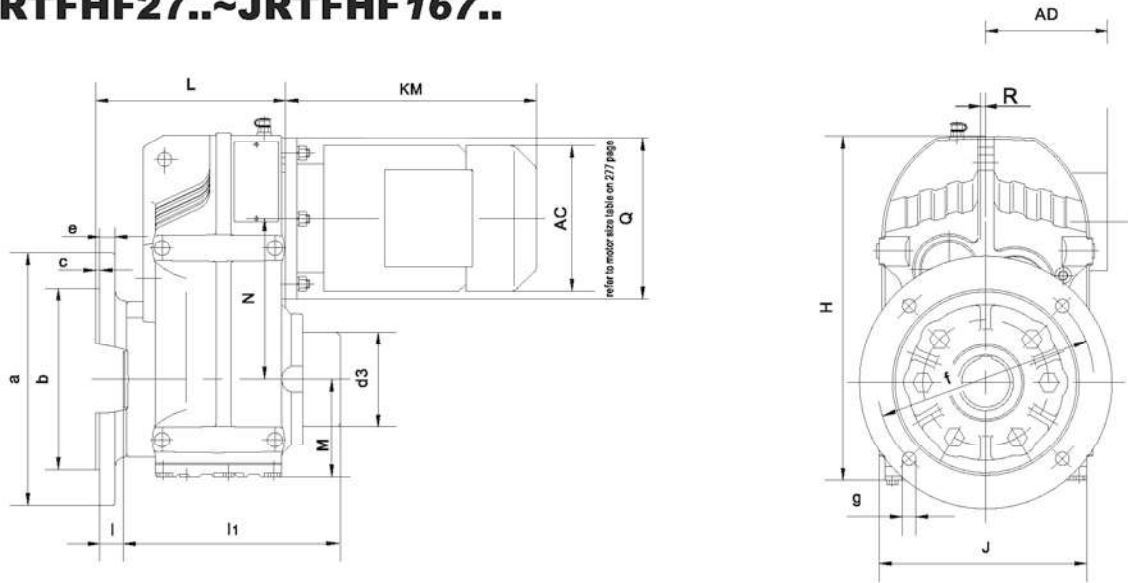


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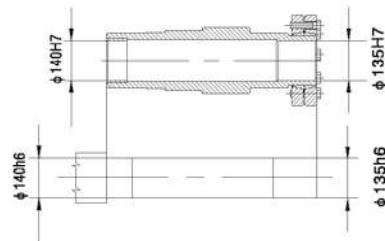


Type	flens vorm	a b	c e	f g	As afmetingen				Holle asafmetingen					H J	L ₁ L ₂ R	M N Q
					d l	l ₁ l ₂	s	t u	d ₁ d ₂	l ₃ l ₄	l ₅ l ₆	l ₇ s ₁	t ₁ u ₁			
JRTF F27.. JRTFAF27..	Fig.1	160 110j6	3.5 10	130 8.5	25k6 50	5 40	M10	28 8	25H7 40	20 107	104 89	17 M10X25	28.3 8	223 150	165 118.5 0	60 98.7 120
JRTF F37.. JRTFAF37..	Fig.1	160 110j6	3.5 10	130 9	25k6 50	5 40	M10	28 8	30H7 45	24 123	120 105	17 M10X25	33.3 8	252 165	184 138 0	76 112 120
JRTF F47.. JRTFAF47..	Fig.1	200 130j6	3.5 12	165 11	30k6 60	3.5 50	M10	33 8	35H7 50	25 153	150 132	22 M10X25	38.3 10	269 180	218 162 0	77 128.1 120
JRTF F57.. JRTFAF57..	Fig.1	250 180j6	4 15	215 13.5	35k6 70	7 56	M12	38 10	40H7 55	23.5 170	166 142	29 M16X40	43.3 12	317 200	243 177 0	93 136 160
JRTF F67.. JRTFAF67..	Fig.1	250 180j6	4 15	215 13.5	40k6 80	5 70	M16	43 12	40H7 55	23 184	180 156	29 M16X40	43.3 12	343 212	264 188 0	97 159.5 160
JRTF F77.. JRTFAF77..	Fig.1	300 230h6	4 16	265 13.5	50k6 100	10 80	M16	53.5 14	50H7 70	37 213	210 183	32 M16X45	53.8 14	426 270	330 234 0	121 200 200
JRTF F87.. JRTFAF87..	Fig.1	350 250h6	5 18	300 17.5	60m6 120	5 110	M20	64 18	60H7 85	30 243	240 210	36 M20X50	64.4 18	531 330	374 259 0	152 246.7 250
JRTF F97.. JRTFAF97..	Fig.2	450 350h6	5 22	400 17.5	70m6 140	7.5 125	M20	74.5 20	70H7 95	41.5 303	300 270	34 M20X50	74.9 20	623 400	456 321 0	178 285 300
JRTF F107.. JRTFAF107..	Fig.2	450 350h6	5 22	400 17.5	90m6 170	5 160	M24	95 25	90H7 118	41 353	350 313	40 M24X60	95.4 25	717 450	523 358 0	200 332.4 350
JRTF F127.. JRTFAF127..	Fig.2	550 450h6	5 25	500 17.5	110m6 210	15 180	M24	116 28	100H7 135	51 413	410 373	38 M24X60	106.4 28	856 530	634 429 10	236 382.6 450
JRTF F157.. JRTFAF157..	Fig.2	660 550h6	6 28	600 22	120m6 210	5 200	M24	127 32	120H7 155	60 503	500 460	36 M24X60	127.4 32	1021 660	725 521 15	286 447 550
JRTF F167.. JRTFAF167..	Fig.2	660 550h6	6 31	600 22	160m6 250	15 220	M30	169 40	130H7 190	54 520	517 469	36 M30 x 70	138.4 32	1038 706	780 536 0	282.5 451.5 550

JRTFHF27..~JRTFHF167..



JRTFHF167..



JRTFVF27..~JRTFVF107..

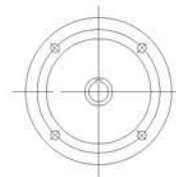
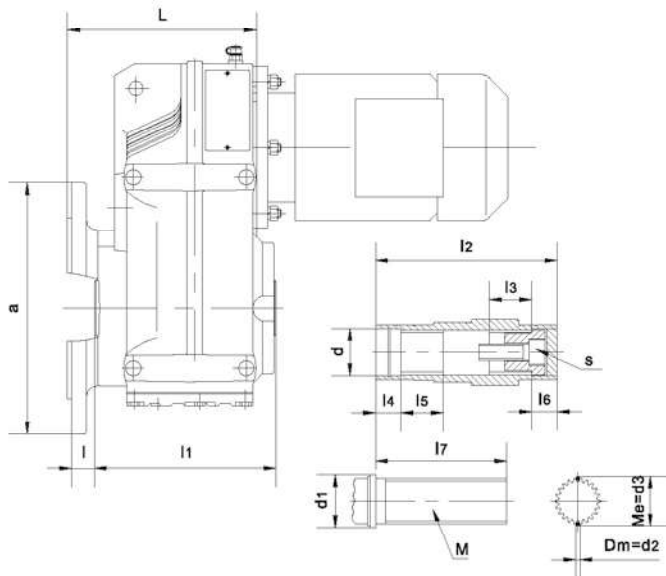


Fig.1

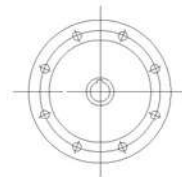


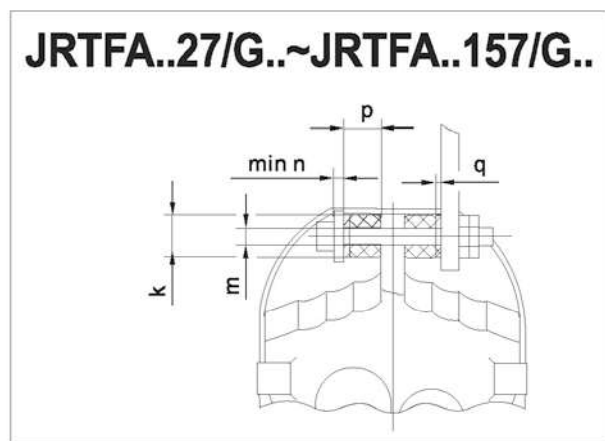
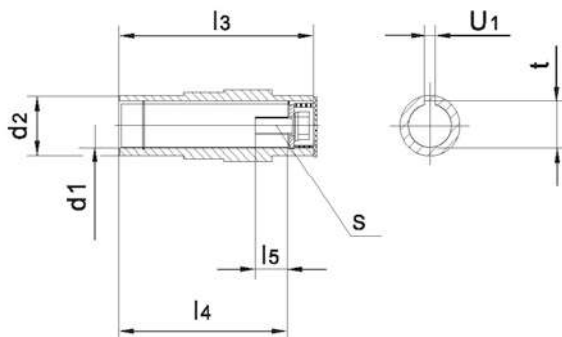
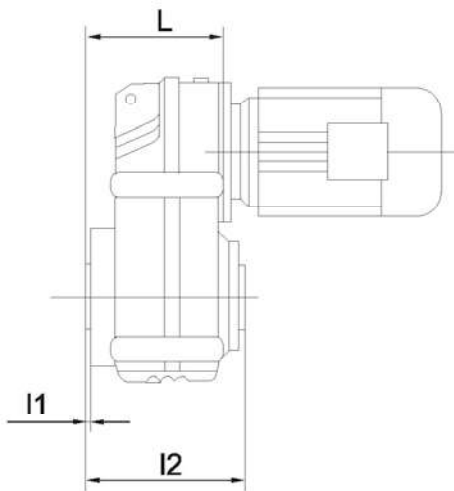
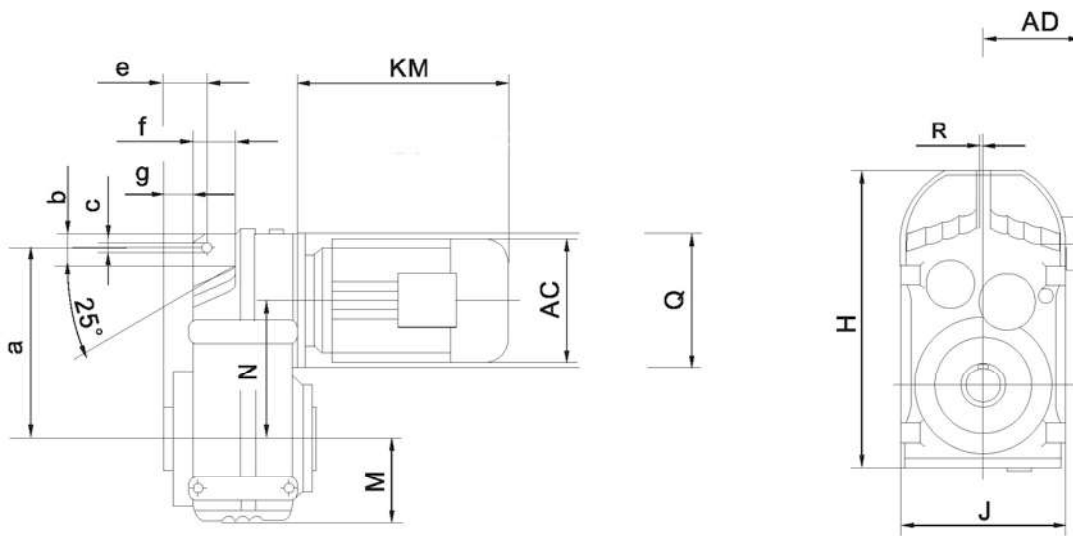
Fig.2

flensvorm

Type	flens vorm	a b	c e	f g	l	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	d	d ₁	d ₂	d ₃	s	M	H J	L R	M N Q
JRTFHF27..	Fig.1	160	3.5	130	20	131	126	20	25	25	30	-	25H7	40	25h6	58	-	-	223	118.5	60
JRTFVF27..		110j6	10	8.5		104	104	22	17	22	17	72	32 ^{+0.1} ₀	≥36	2.25	28.05 ⁰ _{-0.03}	M10X30	25X1.25 X30X18	150	0	98.7 120
JRTFHF37..	Fig.1	160	3.5	130	24	155	146	20	31	25	36	-	30H7	45	30h6	75	-	-	252	138	76
JRTFVF37..		110j6	10	9		122	120	25	18	25	18	85	37 ^{+0.1} ₀	≥42	2.75	33.03 ⁰ _{-0.03}	M10X30	30X1.25 X30X22	165	0	112 120
JRTFHF47..	Fig.1	200	3.5	165	25	184	177	20	32	25	37	-	35H7	50	35h6	83	-	-	269	162	77
JRTFVF47..		130j6	12	11		152	150	32	18	32	18	115	37 ^{+0.1} ₀	≥42	4	38.92 ⁰ _{-0.03}	M10X30	35X2X 30X16	180	0	128.1 120
JRTFHF57..	Fig.1	250	4	215	23.5	200	195	20	26	25	31	-	40H7	55	40h6	83	-	-	317	177	93
JRTFVF57..		180j6	15	13.5		168	166	32	18	32	18	130	37 ^{+0.1} ₀	≥42	4	38.92 ⁰ _{-0.03}	M10X30	35X2X 30X16	200	0	136 160
JRTFHF67..	Fig.1	250	4	215	23	215.5	208	20	38	25	43	-	40H7	55	40h6	93	-	-	343	188	97
JRTFVF67..		180j6	15	13.5		180	180	42	25	42	25	130	47 ^{+0.1} ₀	≥52	4	48.85 ⁰ _{-0.03}	M16X50	45X2X 30X21	212	0	159.5 160
JRTFHF77..	Fig.1	300	4	265	37	249	241	30	36	35	41	-	50H7	70	50h6	114	-	-	426	234	121
JRTFVF77..		230h6	16	13.5		210	210	52	23	52	23	160	55 ^{+0.1} ₀	≥62	4	54.13 ⁰ _{-0.03}	M16X50	50X2X 30X24	270	0	200 200
JRTFHF87..	Fig.1	350	5	300	30	291	281	40	41	45	46	-	65H7	85	65h6	159	-	-	531	259	152
JRTFVF87..		250h6	18	17.5		240	240	62	25	62	25	180	72 ^{+0.1} ₀	≥82	4	68.96 ⁰ _{-0.04}	M20X60	65X2X 30X31	330	0	246.7 250
JRTFHF97..	Fig.2	450	5	400	41.5	357	345	50	55	55	60	-	75H7	95	75h6	174	-	-	623	321	178
JRTFVF97..		350h6	22	17.5		300	300	72	25	72	25	240	72 ^{+0.1} ₀	≥90	4	74.15 ⁰ _{-0.04}	M20X60	70X2X 30X34	400	0	285 300
JRTFHF107..	Fig.2	450	5	400	41	420	405	60	65	70	75	-	95H7	118	95h6	200	-	-	717	358	200
JRTFVF107..		350h6	22	17.5		353	350	89	26	89	26	290	90 ^{+0.1} ₀	≥105	6	90.99 ⁰ _{-0.04}	M20X60	85X3X 30X27	450	0	332.4 350
JRTFHF127..	Fig.2	550	5	500	51	502	485	70	85	80	95	-	105H7	135	105h6	233	-	-	856	429	236
		450h6	25	17.5															530	10	382.6 450
JRTFHF157..	Fig.2	660	6	600	60	598	580	80	90	90	100	-	125H7	155	125h6	275	-	-	1021	521	286
		550h6	28	22															660	15	447 550
JRTFHF167..	Fig.2	660	6	600	54	667	645	90	122	100	130	-	见图	190	见图	315	-	-	1038	536	282.5
		550h6	31	22															706	0	451.5 550

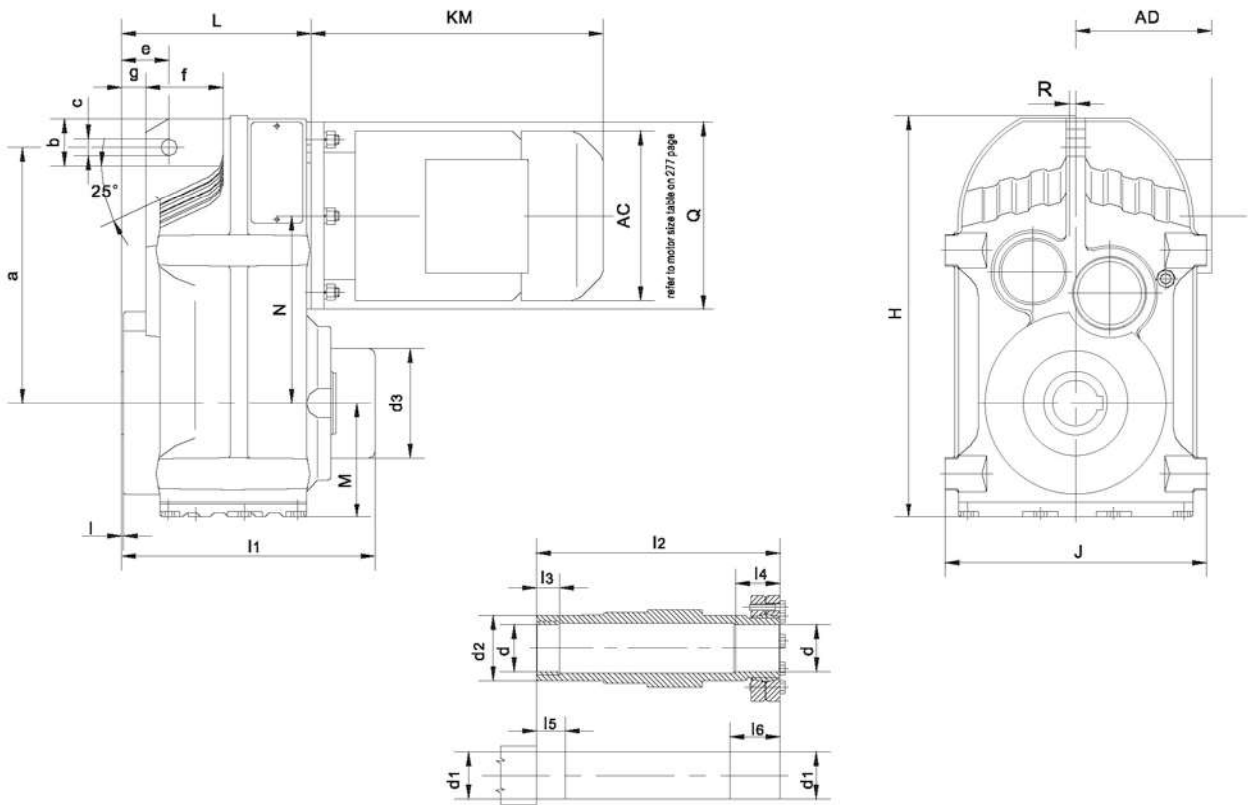
JRTFVF... Spline as is volgens DIN norm. Indien een GB of ISO-norm gewenst is.
Gelieve contact op te nemen met de Euronorm verkoopafdeling.

JRTFA27..~JRTFA157..

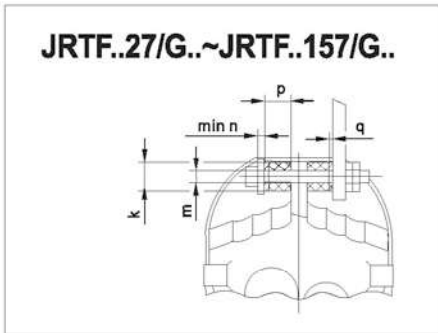
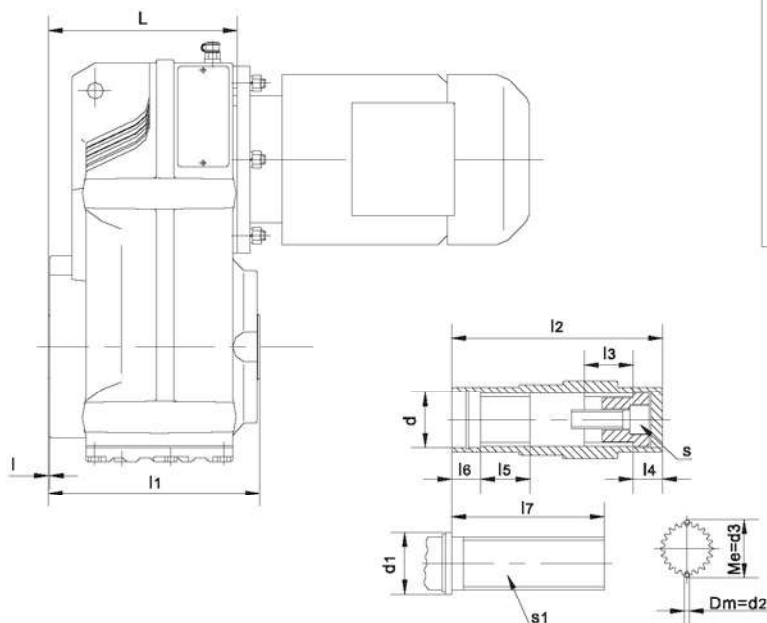


Type	a b	c e	f g	Holle asafmetingen					Koppelarm		H J j	L R	M	N Q
				d ₁ d ₂	l ₁ l ₂	l ₃ l ₄	l ₅ s	t u ₁	k m n	p q				
JRTFA27.. JRTFA..27/G..	140 55	14 25	43 6	25H7 40	2 107	104 89	17 M10X25	28.3 8	40 12.5 5	20 1	223 154 10	95 0	60	98.7 120
JRTFA37.. JRTFA..37/G..	158 30	14 31.5	46 15	30H7 45	0.5 123	120 105	17 M10X25	33.3 8	40 12.5 5	20 1	252 172 12	110 0	76	112 120
JRTFA47.. JRTFA..47/G..	170 22	14 32	64 12	35H7 50	1 153	150 132	22 M10X25	38.3 10	40 12.5 5	20 1.8	269 189 12	133 0	77	128.1 120
JRTFA57.. JRTF..57/G..	198 31	14 40.5	60 19.5	40H7 55	1 170	166 142	29 M16X40	43.3 12	40 12.5 5	20 2.4	317 210 14	150 0	93	136 160
JRTFA67.. JRTF..67/G..	218 40	14 41	65 21	40H7 55	1 184	180 156	29 M16X40	43.3 12	40 12.5 5	20 3	343 223 16	161 0	97	159.5 160
JRTFA77.. JRTF..77/G..	278 49	22 50	69 28	50H7 70	1 213	210 183	32 M16X45	53.8 14	60 21 10	30 3.2	426 282 20	193 0	121	200 200
JRTFA87.. JRTF..87/G..	346 57	22 62	79 32	60H7 85	1 243	240 210	36 M20X50	64.4 18	60 21 10	30 4.5	531 336 26	224 0	152	246.7 250
JRTFA97.. JRTF..97/G..	395 88	26 70	104 34	70H7 95	1 303	300 270	34 M20X50	74.9 20	80 25 12	40 5	623 414 30	274 0	178	285 300
JRTFA107.. JRTF..107/G..	485 108	26 88	100 57	90H7 118	2.5 353	350 313	40 M24X60	95.4 25	80 25 12	40 6	717 456 36	312 0	200	332.4 350
JRTFA127.. JRTF..127/G..	550 138	33 110	125 66	100H7 135	2.5 413	410 373	38 M24X60	106.4 28	100 32 15	60 9	856 530 40	373 10	236	382.6 450
JRTFA157.. JRTF..157/G..	660 170	33 150	140 98	120H7 155	7 503	500 460	36 M24X60	127.4 32	120 32 15	60 9	1021 660 45	455 15	286	447 550
JRTFA167..	-	-	-	130H7 190	8 520	517 469	36 M30X70	138.4 32	-	-	1038 706 -	476 0	282.5	451.5 550

JRTFH27..~JRTFH157..



JRTFV27..~JRTFV107..



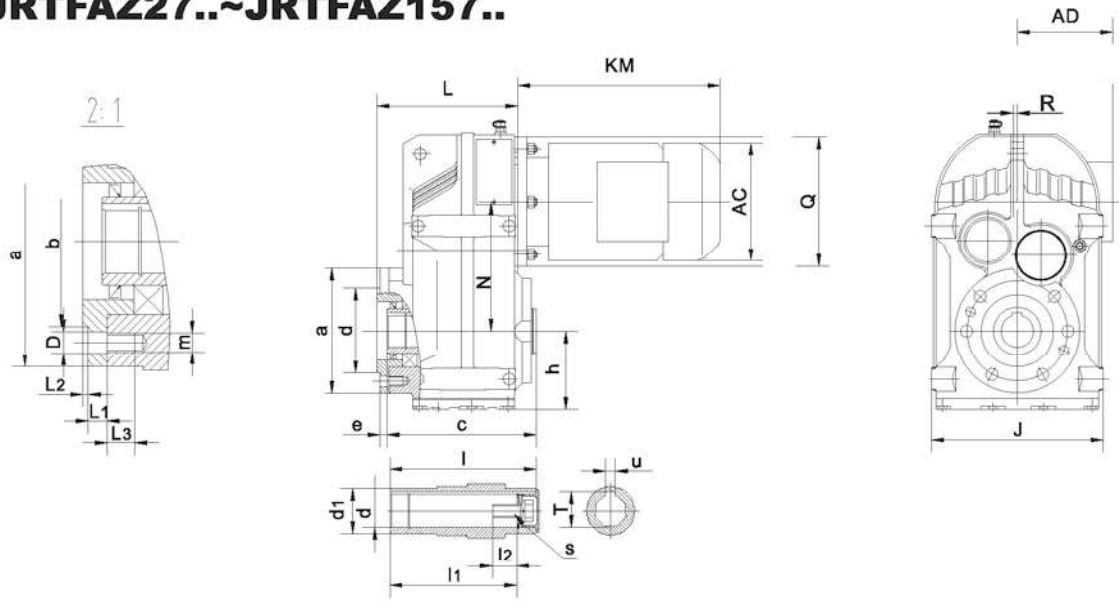
Type	a b	c e	f g	Holle asafmetingen							
				l	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇
JRTFH27..	140	14	43	2	131	126	20	25	25	30	-
JRTFV27..	55	25	6	2	104	104	22	17	22	17	72
JRTFH37..	158	14	46	0.5	155	146	20	31	25	36	-
JRTFV37..	30	31.5	15	0.5	122	120	25	18	25	18	85
JRTFH47..	170	14	64	1	184	177	20	32	25	37	-
JRTFV47..	22	32	12	1	152	150	32	18	32	18	115
JRTFH57..	198	14	60	1	200	195	20	26	25	31	-
JRTFV57..	31	40.5	19.5	1	168	166	32	18	32	18	130
JRTFH67..	218	14	65	1	215.5	208	20	38	25	43	-
JRTFV67..	40	41	21	1	180	180	42	25	42	25	130
JRTFH77..	278	22	69	1	249	241	30	36	35	41	-
JRTFV77..	49	50	28	1	210	210	52	23	52	23	160
JRTFH87..	346	22	79	1	291	281	40	41	45	46	-
JRTFV87..	57	62	32	1	240	240	62	25	62	25	180
JRTFH97..	395	26	104	1	357	345	50	55	55	60	-
JRTFV97..	88	70	34	1	300	300	72	25	72	25	240
JRTFH107..	485	26	100	2.5	420	405	60	65	70	75	-
JRTFV107..	108	86	57	2.5	353	350	89	26	89	26	290
JRTFH127..	550	33	125	2.5	502	485	70	85	80	95	-
JRTFV127..	138	110	66								
JRTFH157..	660	33	140	7	598	580	80	90	90	100	-
JRTFV157..	170	150	98								

Type	Holle asafmetingen						Koppelarm		H J j	L R	M	N Q
	d	d ₁	d ₂	d ₃	s	s ₁	k m n	p q				
JRTFH27..	25H7	25h6	40	58	-	-	40	20	223	95	60	98.7
JRTFV27..	32 ^{+0.1} ₀	≥36	2.25	28.05 ⁰ _{-0.03}	M10X30	25X1.25X30X18	12.5	1	154	0	60	120
JRTFH37..	30H7	30h6	45	75	-	-	40	20	252	110	76	112
JRTFV37..	37 ^{+0.1} ₀	>42	2.75	33.03 ⁰ _{-0.03}	M10X30	30X1.25X30X22	12.5	1	172	0	76	120
JRTFH47..	35H7	35h6	50	83	-	-	40	20	269	133	77	128.1
JRTFV47..	37 ^{+0.1} ₀	>42	4	38.92 ⁰ _{-0.03}	M10X30	35X2X30X16	12.5	1.8	189	0	77	120
JRTFH57..	40H7	40h6	55	83	-	-	40	20	317	150	93	136
JRTFV57..	37 ^{+0.1} ₀	>42	4	38.92 ⁰ _{-0.03}	M10X30	35X2X30X16	12.5	2.4	210	0	93	160
JRTFH67..	40H7	40h6	55	93	-	-	40	20	343	161	97	159.5
JRTFV67..	47 ^{+0.1} ₀	>52	4	48.85 ⁰ _{-0.03}	M16X50	45X2X30X21	12.5	3	223	0	97	160
JRTFH77..	50H7	50h6	70	114	-	-	60	30	426	193	121	200
JRTFV77..	55 ^{+0.1} ₀	>62	4	54.13 ⁰ _{-0.03}	M16X50	50X2X30X24	21	3.2	282	0	121	200
JRTFH87..	65H7	65h6	85	159	-	-	60	30	531	224	152	246.7
JRTFV87..	72 ^{+0.1} ₀	>82	4	68.96 ⁰ _{-0.04}	M20X60	65X2X30X31	21	4.5	336	0	152	250
JRTFH97..	75H7	75h6	95	174	-	-	80	40	623	274	178	285
JRTFV97..	72 ^{+0.1} ₀	>90	4	74.15 ⁰ _{-0.04}	M20X60	70X2X30X34	25	5	414	0	178	300
JRTFH107..	95H7	95h6	118	200	-	-	80	40	717	312	200	332.4
JRTFV107..	90 ^{+0.1} ₀	>105	6	90.99 ⁰ _{-0.04}	M20X60	85X3X30X27	25	6	456	0	200	350
JRTFH127..	105H7	105h6	135	233	-	-	100	60	856	373	236	382.6
JRTFV127..							32	9	530	10	236	450
JRTFH157..	120H7	120h6	155	275	-	-	120	60	1021	455	286	447
JRTFV157..							32	9	660	15	286	550

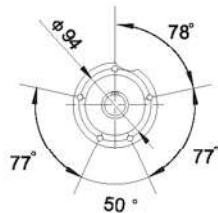
JRTF

JRTFV ... B ... Spline as is volgens DIN norm. Indien een GB of ISO-norm gewenst is.
Gelieve contact op te nemen met de Euronorm verkoopafdeling.

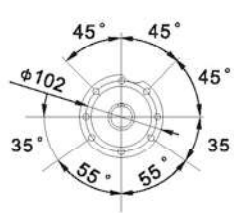
JRTFAZ27..~JRTFAZ157..



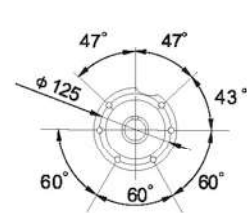
JRTF..Z27..



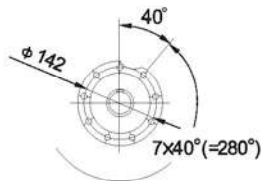
JRTF..Z37..



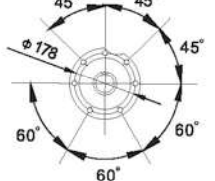
JRTF..Z47..



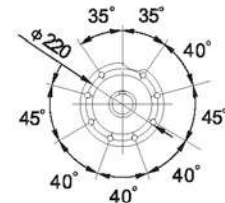
JRTF..Z57.. \ JRTF..Z67..



JRTF..Z77..



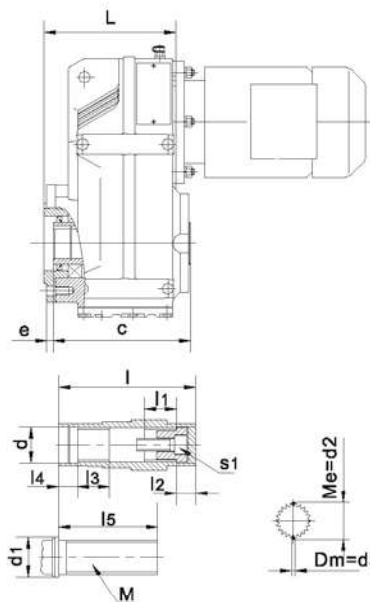
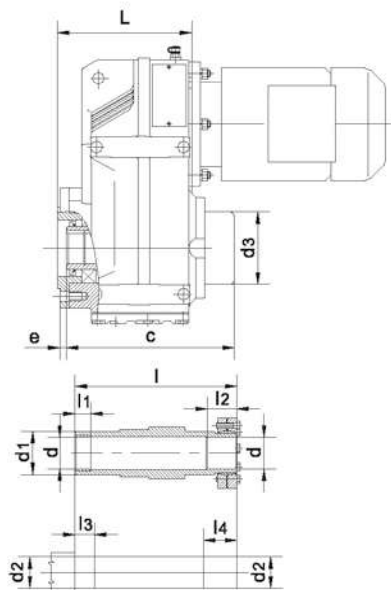
JRTF..Z87..



JRTF..Z97..

JRTFHZ27..~JRTFHZ157..

JRTFVZ27..~JRTFVZ107..

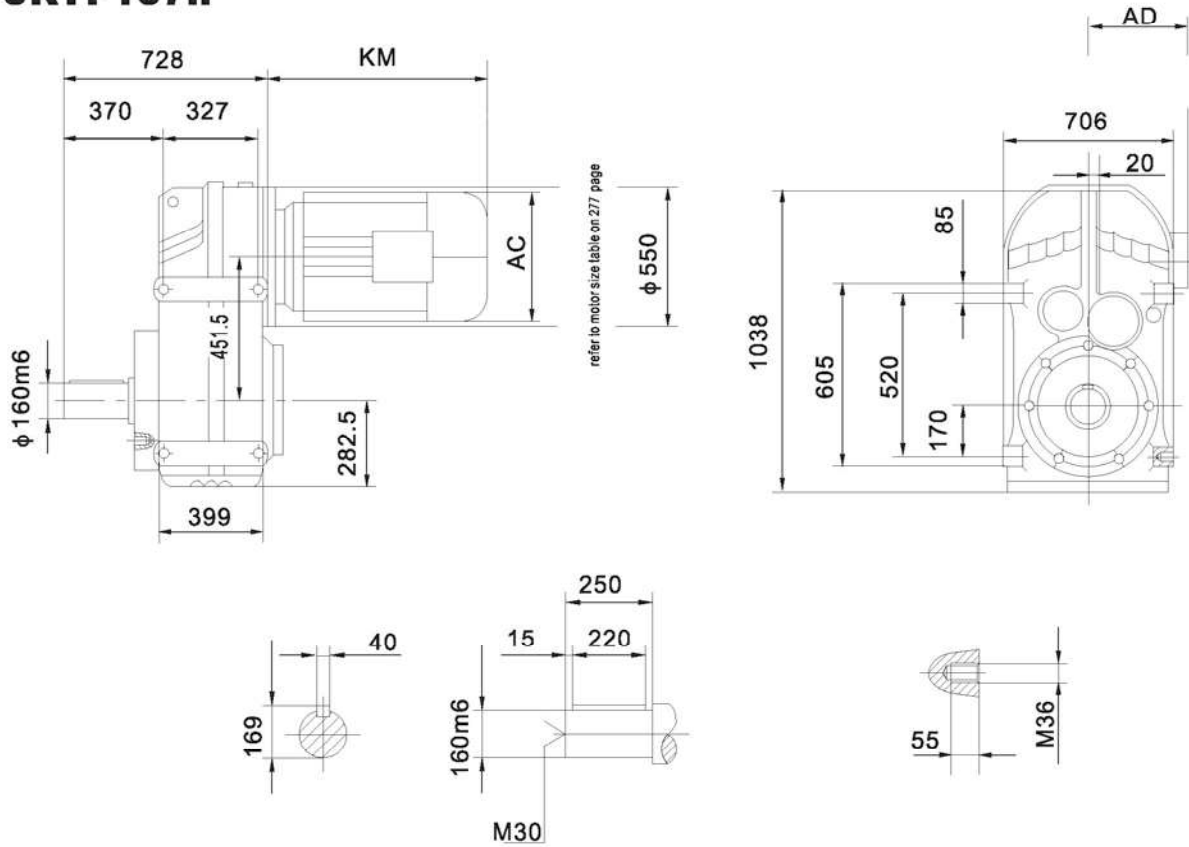


Type	a	b	e	h	D	$\frac{L}{R}$	L ₁	L ₂	L ₃	Q	m	J	N	c	
JRTFAZ27..	74	40k6	2	80	-	95	3	2	16	120	M8	150	98.7	107	
JRTFHZ27..						131									
JRTFVZ27..						104									
JRTFAZ37..	110	80j6	9	76	9	122	11.5	3	11	120	M8	165	112	123	
JRTFHZ37..						155									
JRTFVZ37..						122									
JRTFAZ47..	120	80j6	8	77	9	144	11	3	11	120	M8	180	128.1	153	
JRTFHZ47..						184									
JRTFVZ47..						152									
JRTFAZ57..	155	105j6	9	93	13.5	162	12	3.5	17	160	M12	200	136	170	
JRTFHZ57..						200									
JRTFVZ57..						168									
JRTFAZ67..	155	105j6	8.5	97	13.5	173	12	3.5	17	160	M12	212	159.5	184	
JRTFHZ67..						215.5									
JRTFVZ67..						180									
JRTFAZ77..	170	125j6	10	121	13.5	206	14	3.5	17	200	M12	270	200	213	
JRTFHZ77..						249									
JRTFVZ77..						210									
JRTFAZ87..	215	155j6	11	152	17.5	239	15	4	26	250	M16	330	246.7	243	
JRTFHZ87..						291									
JRTFVZ87..						240									
JRTFAZ97..	260	180j6	14	178	17.5	292	18	4	26	300	M16	400	285	303	
JRTFHZ97..						357									
JRTFVZ97..						300									
JRTFAZ107..	304	210j6	8	200	22	312	22	4	28	350	M20	450	332.4	353	
JRTFHZ107..						420									
JRTFVZ107..						353									
JRTFAZ127..	350	250j6	5	236	22	377.5	30	5	28	450	M20	530	382.6	413	
JRTFHZ127..						10								502	
JRTFAZ157..	400	290j6	14	286	26	455	28	5	36	550	M24	660	447	503	
JRTFHZ157..						15								598	
Type	l	L ₁	L ₂	L ₃	L ₄	L ₅	d	d ₁	d ₂	d ₃	U	T	S	S ₁	M
JRTFAZ27..	104	89	17	-	-	-	25H7	40	-	-	8	28.3	M10X25	-	-
JRTFHZ27..	126	20	25	25	30	-	25H7	40	25h6	58	-	-	-	-	-
JRTFVZ27..	104	22	17	22	17	72	$32 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	≥ 36	$28.05 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	2.25	-	-	-	M10X30	25X1.25X30X18
JRTFAZ37..	120	105	17	-	-	-	30H7	45	-	-	8	33.3	M10X25	-	-
JRTFHZ37..	146	20	31	25	36	-	30H7	45	30h6	75	-	-	-	-	-
JRTFVZ37..	120	25	18	25	18	85	$37 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 42	$33.03 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	2.25	-	-	-	M10X30	30X1.25X30X22
JRTFAZ47..	150	132	22	-	-	-	35H7	50	-	-	10	38.3	M10X25	-	-
JRTFHZ47..	177	20	32	25	37	-	35H7	50	35h6	83	-	-	-	-	-
JRTFVZ47..	150	32	18	32	18	115	$37 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 42	$38.92 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	4	-	-	-	M10X30	35X2X30X16
JRTFAZ57..	166	142	29	-	-	-	40H7	55	-	-	12	43.3	M16X40	-	-
JRTFHZ57..	195	20	26	25	31	-	40H7	55	40h6	83	-	-	-	-	-
JRTFVZ57..	166	32	18	32	18	130	$37 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 42	$38.92 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	4	-	-	-	M10X30	35X2X30X16
JRTFAZ67..	180	156	29	-	-	-	40H7	55	-	-	12	43.3	M16X40	-	-
JRTFHZ67..	208	20	38	25	43	-	40H7	55	40h6	93	-	-	-	-	-
JRTFVZ67..	180	42	25	42	25	130	$47 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 52	$48.85 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	4	-	-	-	M16X50	45X2X30X21
JRTFAZ77..	210	183	32	-	-	-	50H7	70	-	-	14	53.8	M16X45	-	-
JRTFHZ77..	241	30	36	35	41	-	50H7	70	50h6	114	-	-	-	-	-
JRTFVZ77..	210	52	23	52	23	160	$55 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 62	$54.13 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$	4	-	-	-	M16X50	50X2X30X24
JRTFAZ87..	240	210	36	-	-	-	60H7	85	-	-	18	64.4	M20X50	-	-
JRTFHZ87..	281	40	41	45	46	-	65H7	85	65h6	159	-	-	-	-	-
JRTFVZ87..	240	62	25	62	25	180	$72 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 82	$68.96 \begin{smallmatrix} 0 \\ -0.04 \end{smallmatrix}$	4	-	-	-	M20X60	65X2X30X31
JRTFAZ97..	300	270	34	-	-	-	70H7	95	-	-	20	74.9	M20X50	-	-
JRTFHZ97..	345	50	55	55	60	-	75H7	95	75h6	174	-	-	-	-	-
JRTFVZ97..	300	72	25	72	25	240	$72 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 90	$74.15 \begin{smallmatrix} 0 \\ -0.04 \end{smallmatrix}$	4	-	-	-	M20X60	70X2X30X34
JRTFAZ107..	350	313	40	-	-	-	90H7	118	-	-	25	95.4	M24X60	-	-
JRTFHZ107..	405	60	65	70	75	-	95H7	118	95h6	200	-	-	-	-	-
JRTFVZ107..	350	89	26	89	26	290	$90 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	> 105	$90.99 \begin{smallmatrix} 0 \\ -0.04 \end{smallmatrix}$	6	-	-	-	M24X60	85X3X30X27
JRTFAZ127..	410	373	38	-	-	-	100H7	135	-	-	28	106.4	M24X60	-	-
JRTFHZ127..	485	70	85	80	95	-	105H7	135	105h6	233	-	-	-	M24X60	-
JRTFAZ157..	500	460	36	-	-	-	120H7	155	-	-	32	47.4	M24X60	-	-
JRTFHZ157..	580	80	80	90	100	-	125H7	155	125h6	275	-	-	-	M24X60	-

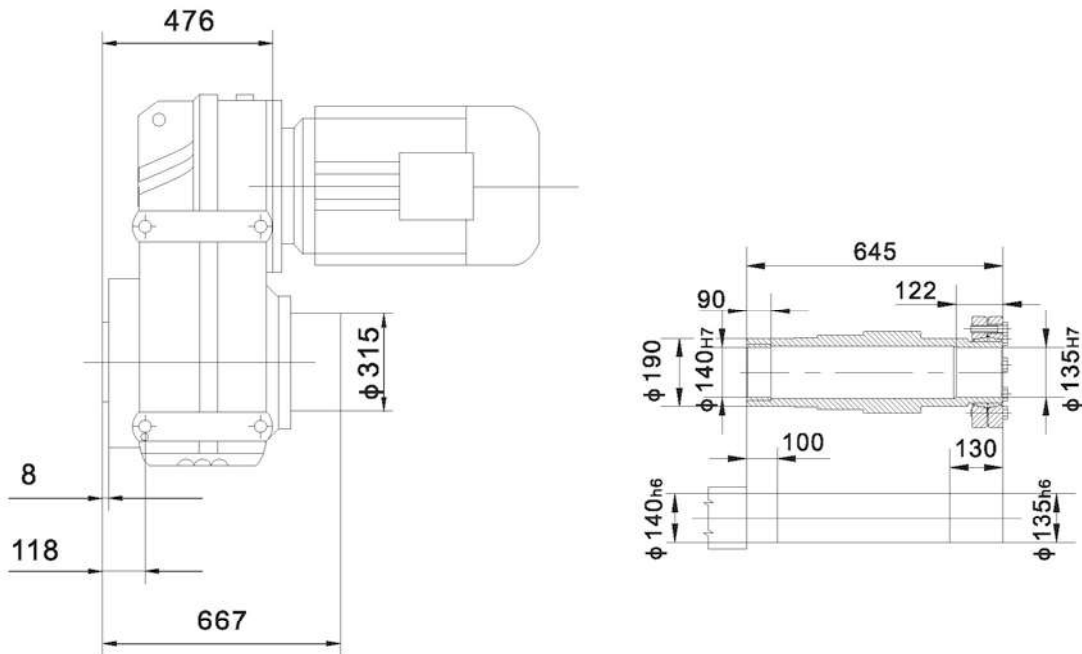
JRTF

JRTFVZ ... Spline as is volgens DIN norm. Indien een GB of ISO-norm gewenst is.
Gelieve contact op te nemen met de Euronorm verkoopafdeling.

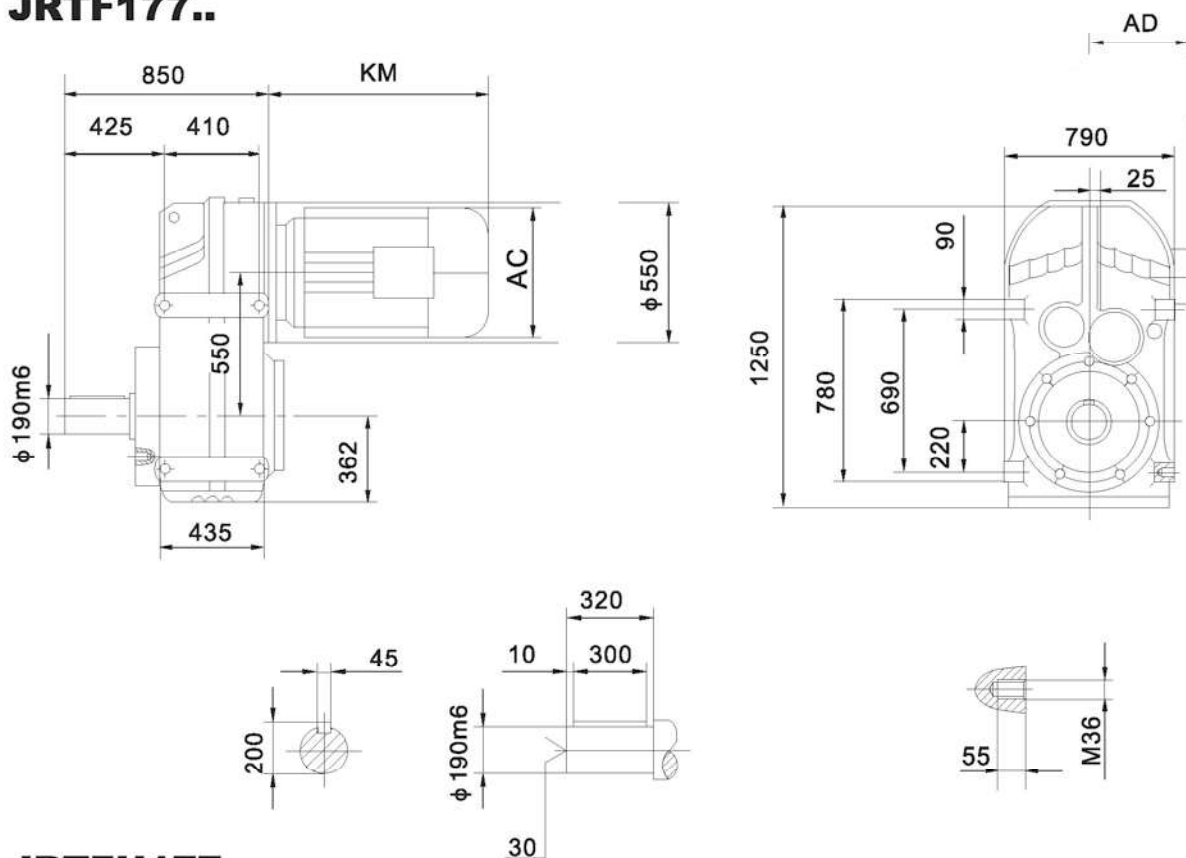
JRTF167..



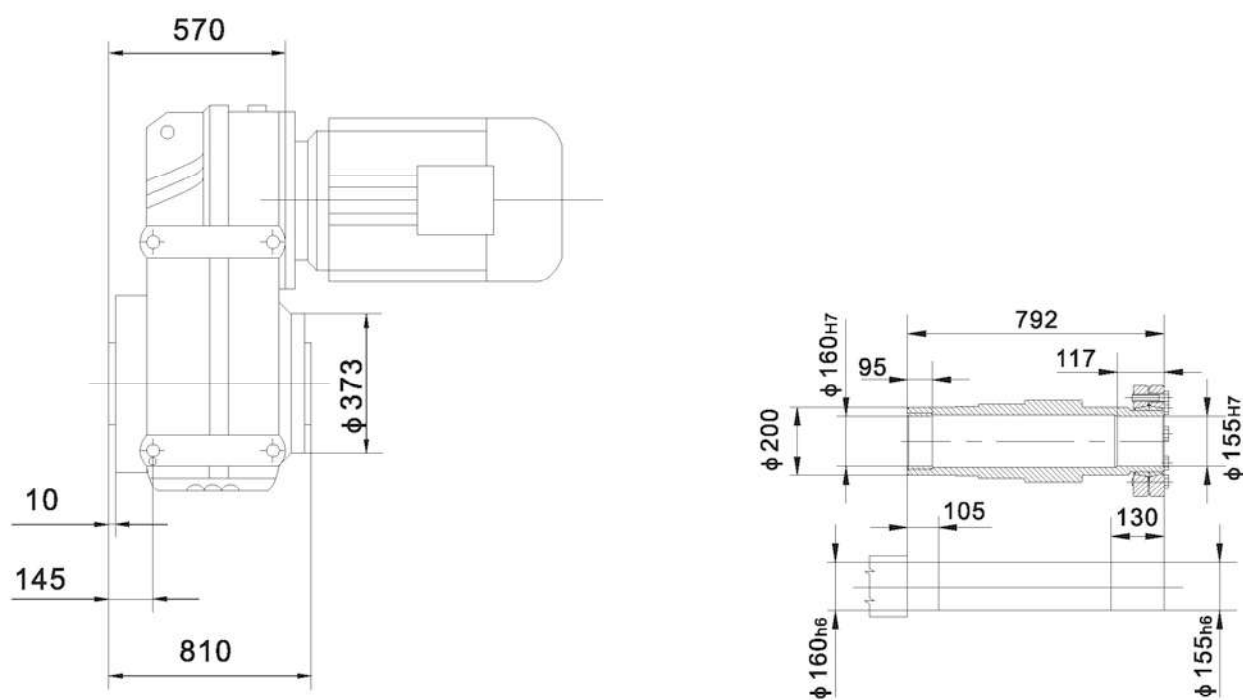
JRTFH167..



JRTF177..

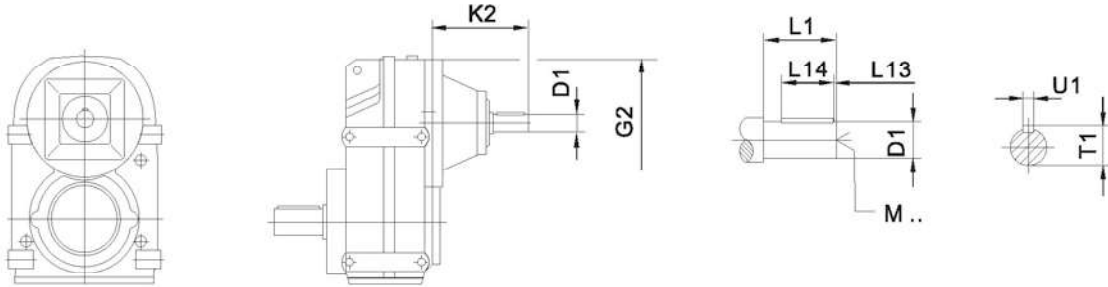


JRTFH177..



JRTF

JRTF..AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
JRTF..27 JRTF..37 JRTF..47	AD1	120	102	16 k6	40	4	32	18	5	M5
	AD2		130	19 k6	40	4	32	21.5	6	M6
	AD3		159	24 k6	50	5	40	27	8	M8
JRTF..57 JRTF..67	AD2	160	123	19 k6	40	4	32	21.5	6	M6
	AD3		159	24 k6	50	5	40	27	8	M8
	AD4		224	38 k6	80	5	70	41	10	M12
JRTF..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
JRTF..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
JRTF..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
JRTF..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
JRTF..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
JRTF..157 JRTF..167	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

JRTF..AM..

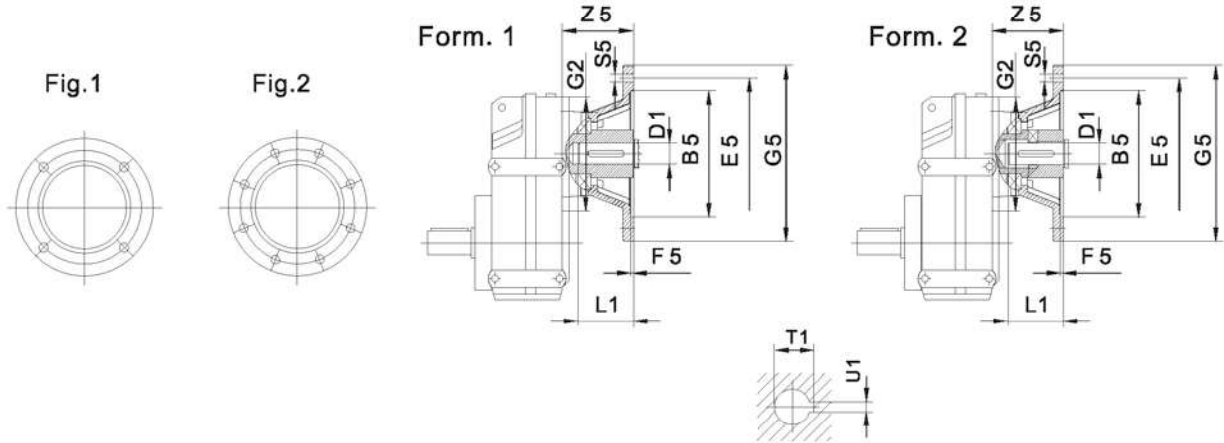
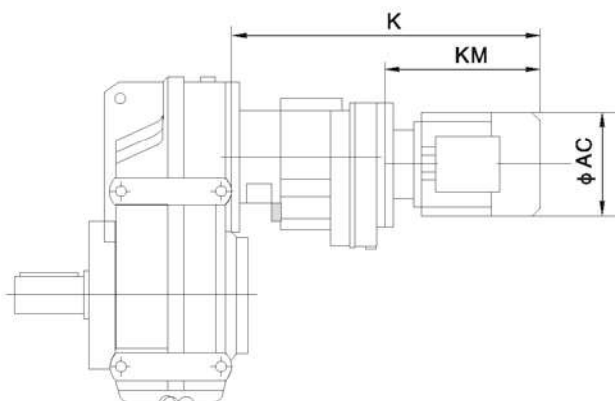


		Fig	Form	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
JRTF..37 JRTF..47	AM63	1	1	95G7	115	4.5	120	140	M8	72	11F7	23	12.8	4
	AM71 ¹⁾			110G7	130			160		92.5	14F7	30	16.3	5
	AM80 ¹⁾			130G7	165			200	M10	118	19F7	40	21.8	6
	AM90 ¹⁾										24F7	50	27.3	8
JRTF..57 JRTF..67	AM63	1	1	95G7	115	4.5	160	140	M8	66	11F7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

JRTF

JRTF..R..

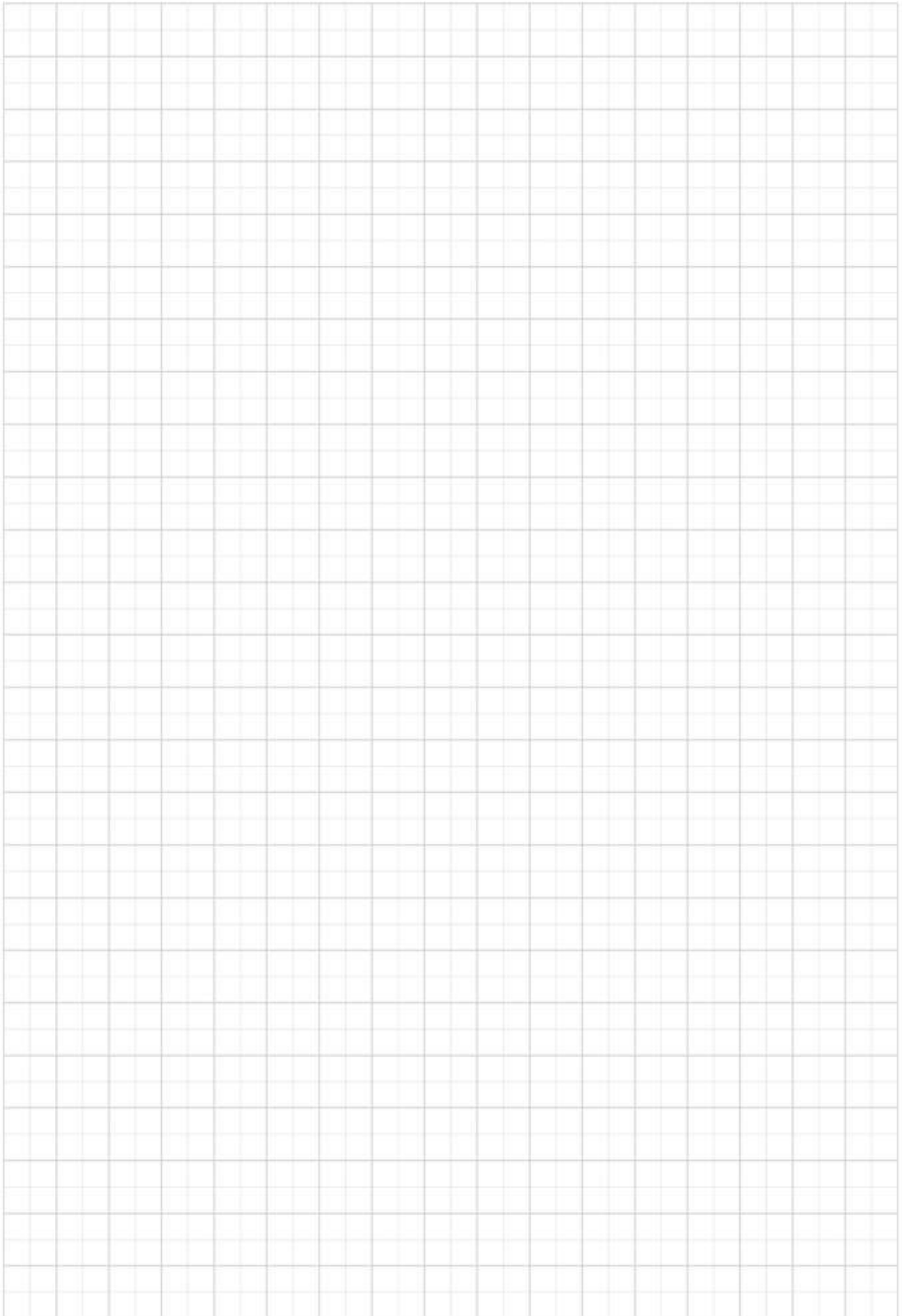


		AC	K	KM
JRTF..37R17 JRTF..47R17	DS63	120	373	198
	DS71	135	404	229
	DS80	156	444	269
JRTF..57R37	DS63	120	363	198
	DS71	135	394	229
	DS80	156	434	269
JRTF..67R37	DS63	120	363	198
	DS71	135	394	229
	DS80	156	434	269
	DS90	175	456	291
JRTF..77R37	DS63	120	355	198
	DS71	135	386	229
	DS80	156	426	269
	DS90	175	448	291
JRTF..87R57	DS63	120	408	192
	DS71	135	438	222
	DS80	156	478	262
	DS90	175	500	284
	DS100M	189	560	344
JRTF..97R57	DS63	120	403	192
	DS71	135	433	222
	DS80	156	473	262
	DS90	175	495	284
	DS100M	189	555	344
JRTF..107R77	DS63	120	433	186
	DS71	135	462	215
	DS80	156	502	255
	DS90	175	524	277
	DS100M	189	584	337

		AC	K	KM
JRTF..107R77	DS112M	221	628	383
	DS132S	221	628	383
	DS132M	221	678	433
	DS160	271	718	471
JRTF..127R77	DS63	120	418	186
	DS71	135	447	215
	DS80	156	487	255
	DS90	175	509	277
	DS100M	189	569	337
	DS112M	221	613	383
	DS132S	221	613	383
	DS132M	221	663	433
	DS160	271	703	471
	JRTF..127R87	DS80	156	530
DS90		175	552	272
DS100M		189	612	332
DS112M		221	656	378
DS132S		221	656	378
DS132M		221	706	428
DS160		271	746	466
DS180M		380	897	617
DS180L		420	945	665
JRTF..157R97		DS90	175	592
	DS100M	189	652	327
	DS112M	221	696	373
	DS132S	221	696	373
	DS132M	221	746	423
	DS160	271	786	461
	DS180M	380	937	612
	DS180L	420	985	660
	DS200L	470	991	666

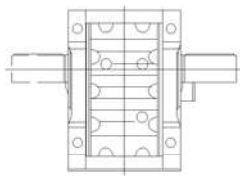
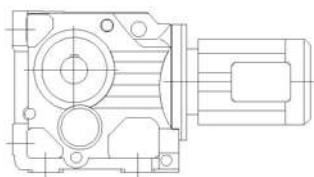
JRTF

Let op: De afmetingen in de tabel zijn uitsluitend voor referentie doeleinden en kunnen verschillen van het werkelijke product. Neem voor de exacte maten contact op met de Euronorm verkoopafdeling.



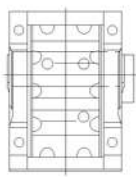
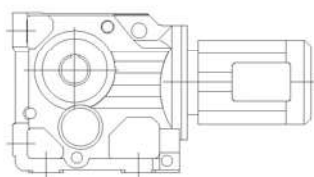
8 JRTK haakse kegelmotorreductor

8.1 Uitvoeringen



JRTK..D..

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

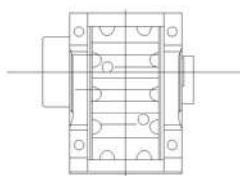
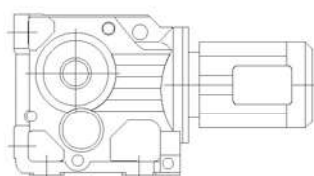


JRTKA..B D..

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

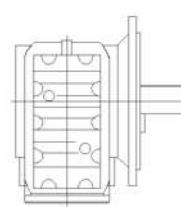
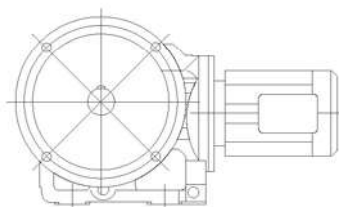
JRTKV..B D..

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



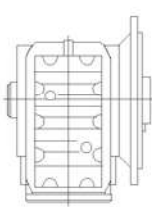
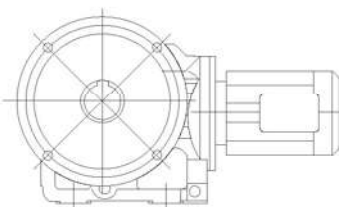
JRTKH..B D..

holle uitgaande as met krimpschijf, montage via taggaten (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