

TECHNICAL DATA B-K.. AD..

B-K..37-57 $n_e=1400$ rpm

B-K..37 200Nm					B-K..47 400Nm					B-K..57 600Nm				
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD
106.38	13	200	5640	AD ₁	131.87	11	400	5920	AD ₂	145.14	9.6	600	7470	AD ₂
97.81	14	200	5640		121.48	12	400	5920		123.85	11	600	7470	
83.69	17	200	5640		104.37	13	400	5920		108.29	13	600	7470	
72.54	19	200	5520		90.86	15	400	5920		102.88	14	600	7470	
67.80	21	200	5360		85.12	16	400	5920		90.26	16	600	7470	
58.60	24	200	5020		75.20	19	400	5920		76.56	18	600	7470	
49.79	28	200	4660		69.84	20	400	5920		69.12	20	600	7470	
44.46	31	200	4420		63.30	22	400	5920		60.81	23	600	7470	
37.97	37	200	4100		56.83	25	400	5920		57.42	24	600	7470	
35.57	39	200	3970		48.95	29	400	5920		48.89	29	600	7470	
					46.03	30	400	5920	44.43	32	600	7470		
					39.61	35	400	5920	38.49	38	600	7470		
					35.39	40	400	5920	35.70	39	600	7470		
					31.30	45	400	5700	30.28	48	600	7310		
					29.32	48	400	5520	27.34	51	600	6930		
					25.91	54	400	5170	24.05	58	600	6480		
					24.08	58	400	4970	22.71	82	600	6280		
					21.81	64	400	4710	19.34	72	575	5910		
					19.58	72	400	4440	17.57	80	555	5740		
					16.86	83	380	4230						
					15.86	88	380	4080	15.22	92	535	5430		
					13.65	103	360	3890	13.25	106	510	5190		
					12.19	115	350	3720	11.92	117	415	5150		
					11.77	119	280	4080	11.26	124	415	4900		
					10.56	133	280	3830	9.59	146	405	4850		
					9.10	154	280	3540	8.71	161	390	4520		
									7.55	185	365	4360		
					8.56	164	270	3500	6.57	213	345	4190		
					7.36	190	250	3390						
					6.58	213	240	3270						
					5.81	241	230	3140						

B-K..67-87 $n_e=1400$ rpm

B-K..67		820Nm			
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
144.79	9.7	820	10300	AD ₂	
123.54	11	820	10300		
108.03	13	820	10300		
102.62	14	820	10300		
90.04	16	820	10300		
76.37	18	820	10300		
68.95	20	820	10300		
60.66	23	820	10300		
57.28	24	820	10300		
48.77	29	820	10300		
44.32	32	820	10300		
38.39	36	820	10500		
35.62	39	820	10300		
30.22	46	820	10300		AD ₃
27.28	51	820	10300		
24.00	58	800	10500		
22.66	62	730	10700		
19.30	73	760	10800		
17.54	80	740	11000		
15.19	92	700	11300		
13.22	108	870	11500		
12.48	112	630	12300		
10.63	132	600	11800		
9.66	145	480	11500		
8.37	167	440	11100		
7.28	192	420	10700		

B-K..77		1550Nm			
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
192.18	7.3	1550	16100	AD ₂	
179.37	7.8	1550	16100		
154.02	9.1	1550	15400		
135.28	10	1550	15400		
128.52	11	1550	15400		
113.56	12	1550	15400		
97.05	14	1550	15400		
88.97	16	1550	15400		
78.07	18	1550	15400		
73.99	19	1550	15400		
64.75	22	1550	15400		
58.34	24	1550	15400		
51.18	27	1550	15400		
45.16	31	1550	15400		
40.04	35	1550	15400		AD ₃
38.39	36	1550	15700		
35.20	40	1550	15400		
30.89	45	1550	15400		AD ₄
29.27	46	1550	15400		
25.62	55	1550	15400		
23.08	61	1550	15400		
20.25	69	1500	15700		
17.87	78	1450	16100		
15.84	88	1400	15500		
13.52	104	1340	14800		
12.36	113	1000	15100		
10.84	129	990	14400		
9.56	146	940	13900		
8.48	165	890	13500		
7.24	193	820	13100		

B-K..87		2700Nm			
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
197.37	7.1	2700	27300	AD ₂	
174.19	8.0	2700	27300		
164.34	8.5	2700	27300		
147.32	9.5	2700	27300		
126.91	11	2700	27300		
115.82	12	2700	27300		
102.71	14	2700	27300		
86.34	16	2700	27300		
79.34	18	2700	27300		AD ₃
70.46	20	2700	27300		
63.00	22	2700	26200		
56.64	25	2700	25000		
49.16	28	2700	23500		
44.02	32	2600	22800		
36.52	38	2500	21400	AD ₄	
31.39	45	2700	19200		
27.88	50	2600	18500		
24.92	56	2500	18000		
22.41	62	2300	17900		
19.45	72	2300	18800		
17.42	80	2200	18300		
16.00	87	1600	18000		
14.45	97	2100	15300		
12.56	111	2000	14800		
11.17	125	1500	14900	AD ₅	
10.00	140	1500	14200		
8.29	169	1400	13500		
7.21	184	1300	13200		

B-K..97-127 $n_e=1400$ rpm

B-K..97		4300Nm			
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
176.05	8.0	4300	40000	AD ₃	
153.21	9.1	4300	40000		
140.28	10	4300	40000		
123.93	11	4300	40000		
105.13	13	4300	40000		
96.80	14	4300	40000		
86.52	16	4300	38800		
77.89	18	4300	37100		
70.54	20	4300	35600		
62.55	22	4300	33800	AD ₄	
56.55	25	4300	32300		
47.93	29	4300	30000		
41.87	33	4300	28300		
38.30	37	4300	27100	AD ₅	
34.23	41	4300	25700		
30.82	45	4300	24500		
27.91	50	4300	23300		
24.75	57	4300	22000		
22.37	63	4300	20900		
18.96	74	4300	19100		
16.56	85	4300	17800		
13.85	101	4300	18100	AD ₆	
11.99	117	3880	16200		
10.41	134	2870	16400		
8.71	161	2880	15800		

B-K..107		8000Nm				
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD		
143.47	9.8	8000	65000	AD ₄		
121.46	12	8000	61700			
112.41	13	8000	59700			
100.75	14	8000	57000			
90.96	15	8000	54600			
82.61	17	8000	52400			
73.30	19	8000	46700			
66.52	21	8000	47600			
57.17	24	8000	44400			
49.90	28	7840	42200			
42.33	33	7380	40500		AD ₅	
37.00	38	7200	38500			
32.69	43	7200	38300			
31.28	45	6800	36700	AD ₆		
29.00	48	7200	34000			
26.32	53	7200	32000			
22.62	62	7200	28900			
19.74	71	7200	28100			
16.75	84	7050	23600			
14.64	98	6890	21900			
13.43	104	5300	29200			
11.73	119	4300	27600			
9.94	141	4190	25800			
8.69	161	4070	24600			

B-K..127		13000Nm			
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
146.07	9.8	13000	79200	AD ₄	
136.14	10	13000	79200		
122.48	11	13000	79200		
110.18	13	13000	79200		
89.89	16	13000	75100	AD ₅	
81.98	17	13000	72100		
70.95	20	13000	67700		
62.60	22	13000	64000		
54.07	26	13000	59900		
47.82	29	13000	56500		
40.19	35	13000	52000		AD ₆
36.25	39	13000	49400	AD ₇	
31.37	45	13000	45900		
27.68	51	13000	43000		
23.91	59	13000	39800		
21.15	66	13000	37200	AD ₈	
17.77	79	13000	33800		
14.35	98	12100	31800		
12.79	109	8530	35400		
10.74	130	8000	33900		
8.68	161	7230	32500		

B-K..157-187 $n_e=1400$ rpm

B-K..157				18000Nm	
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
150.41	9.3	18000	112200	AD ₅	
122.39	11	18000	106500		
100.22	14	18000	98000		
91.65	15	18000	94400		
79.75	18	18000	88900		
70.38	20	18000	84200		
61.02	23	18000	78000		
54.29	26	18000	74900		AD ₆
46.79	30	18000	70000	AD ₇	
38.02	37	18000	63300		
31.30	45	18000	57500	AD ₈	
27.62	51	18000	54000		
23.95	58	18000	50000		
21.31	66	18000	47000		
18.37	78	18000	43200		
14.92	94	18000	38200		
12.65	111	17000	38700		

B-K..167				32000Nm	
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
164.50	8.5	32000	15000	AD ₅	
134.99	10	32000	15000	AD ₆	
109.83	13	32000	15000		
87.86	16	32000	147200	AD ₇	
78.14	18	32000	140100		
68.07	21	32000	132000		
60.74	23	32000	125600		
51.77	27	32000	117000	AD ₈	
42.89	33	32000	107400		
36.61	38	32000	99700		
32.25	43	32000	93700		
28.77	49	32000	88600		
24.52	57	32000	81700		
20.32	69	32000	74000		
17.34	81	32000	87800		

B-K..187				50000Nm	
i [ratio]	n_a [rpm]	M_{amax} [Nm]	F_{Ra} [N]	AD	
179.86	7.8	50000	190000	AD ₆	
165.21	8.5	50000	190000		
144.59	9.7	50000	190000		
129.69	11	50000	188200	AD ₇	
112.60	12	50000	177200		
102.16	14	50000	189900		
88.00	16	50000	159000	AD ₈	
73.96	19	50000	147000		
64.04	22	50000	137500		
53.36	26	50000	126000		
45.50	31	50000	116600		
42.51	33	50000	112700		
38.57	36	50000	107200		
33.23	42	50000	89100		
27.92	50	50000	90200		
24.18	58	47600	86800		
20.15	69	43900	84000		
17.18	81	41400	80800		