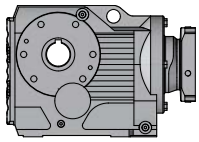
K-065



Technical Data

Ratio	n_{1N} (1) [rpm]	n_{1Max} (2) [rpm]	T_{2N} (3) [N·m]	T_{2Max} (4) [N·m]	T_{2E} (5) [N·m]	F_{2RMaxP} (7) [N]	J (8) [Kg·cm²]	C (6) [Nm/arcmin]	C (7) [Nm/arcmin]	Δφ [arcmin]	η [%]	M [Kg]
7.28	1400	4500	420	483	714	10700	6.3	54	58	9	96	29.3 - 50.6
8.37	1400	4500	440	506	748	11100	4.9	54	58	9	96	29.3 - 50.6
9.66	1400	4500	480	552	816	11500	3.8	54	58	9	96	29.3 - 50.6
10.63	1400	4500	500	575	850	11800	3.2	54	58	9	96	29.3 - 50.6
12.48	1400	4500	530	610	901	12300	2.5	54	58	9	96	29.3 - 50.6
13.22	1400	4500	670	770	1139	11500	5.6	66	73	8	96	29.3 - 50.6
15.19	1400	4500	700	805	1190	11300	4.4	66	73	8	96	29.3 - 50.6
17.54	1400	4500	740	851	1258	11000	3.4	66	73	7	96	29.3 - 50.6
19.30	1400	4500	760	874	1292	10800	2.9	66	73	7	96	29.3 - 50.6
22.66	1400	4500	780	897	1326	10700	2.2	66	73	7	96	29.3 - 50.6
24.00	1400	4500	800	920	1360	10500	2.0	66	73	7	96	29.3 - 50.6
27.28	1400	4500	820	943	1394	10300	1.6	66	73	7	96	29.3 - 50.6
30.22	1400	4500	820	943	1394	10300	1.3	66	73	7	96	29.3 - 50.6
35.62	1400	4500	820	943	1394	10300	1.0	66	73	7	96	29.3 - 50.6
38.39	1400	4500	820	943	1394	10300	2.4	70	77	6	94	29.3 - 50.6
44.32	1400	4500	820	943	1394	10300	1.9	70	77	6	94	29.3 - 50.6
48.77	1400	4500	820	943	1394	10300	1.7	70	77	6	94	29.3 - 50.6
57.28	1400	4500	820	943	1394	10300	1.4	70	77	6	94	29.3 - 50.6
60.66	1400	4500	820	943	1394	10300	1.2	70	77	6	94	29.3 - 50.6
68.95	1400	4500	820	943	1394	10300	1.0	70	77	6	95	29.3 - 50.6
76.37	1400	4500	820	943	1394	10300	0.87	70	77	6	95	29.3 - 50.6
90.04	1400	4500	820	943	1394	10300	0.68	70	77	6	94	29.3 - 50.6
102.62	1400	4500	820	943	1394	10300	0.47	70	77	6	94	29.3 - 50.6
108.03	1400	4500	820	943	1394	10300	0.42	70	77	6	94	29.3 - 50.6
123.54	1400	4500	820	943	1394	10300	0.34	70	77	6	94	29.3 - 50.6
144.79	1400	4500	820	943	1394	10300	0.28	70	77	6	94	29.3 - 50.6

(1) Rated input speed.

(2) Maximum Input Speed.

(3) T_{2N} value is calculated at n_{1n}, continuous duty cycle, uniform operation, KA=1 and unlimited theoretical life time as per ISO-6336 (NL>N00 in the Woehler line). The application factor KA according to DIN-3990-1 must be considered for each duty cycle and machine type.

(4) T_{2Max} only for very short time intervals.

(5) Up to 1000 times during the gearbox's lifetime.

(6) For gearboxes with flange and hollow output shaft.

(7) For gearboxes without flanges and with solid output shaft.

(8) Varies depending on input.