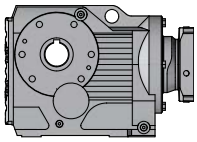
K-055



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]
6.57	1400	4500	345	397	587	4190	5.6	33	34	10	96	23.9 - 44.7
7.55	1400	4500	365	420	621	4360	4.4	33	34	10	96	23.9 - 44.7
8.71	1400	4500	390	448	663	4520	3.5	33	34	10	96	23.9 - 44.7
9.59	1400	4500	405	466	689	4650	3.0	33	34	10	96	23.9 - 44.7
11.26	1400	4500	415	477	706	4990	2.3	33	34	9	96	23.9 - 44.7
11.92	1400	4500	415	477	706	5150	2.1	33	34	9	96	23.9 - 44.7
13.25	1400	4500	510	587	867	5190	4.8	39	41	7	96	23.9 - 44.7
15.22	1400	4500	535	615	910	5430	3.8	39	41	7	96	23.9 - 44.7
17.57	1400	4500	555	638	944	5740	3.0	39	41	7	96	23.9 - 44.7
19.34	1400	4500	575	661	978	5910	2.6	39	41	7	96	23.9 - 44.7
22.71	1400	4500	600	690	1020	6280	2.0	39	41	7	96	23.9 - 44.7
24.05	1400	4500	600	690	1020	6480	1.9	39	41	7	96	23.9 - 44.7
27.34	1400	4500	600	690	1020	6930	1.5	39	41	7	96	23.9 - 44.7
30.28	1400	4500	600	690	1020	7310	1.2	39	41	7	96	23.9 - 44.7
35.70	1400	4500	600	690	1020	7470	0.95	39	41	7	96	23.9 - 44.7
38.49	1400	4500	600	690	1020	7470	2.3	40	43	6	94	23.9 - 44.7
44.43	1400	4500	600	690	1020	7470	1.9	40	43	6	94	23.9 - 44.7
48.89	1400	4500	600	690	1020	7470	1.6	40	43	6	94	23.9 - 44.7
57.42	1400	4500	600	690	1020	7470	1.3	40	43	6	94	23.9 - 44.7
60.81	1400	4500	600	690	1020	7470	1.2	40	43	6	94	23.9 - 44.7
69.12	1400	4500	600	690	1020	7470	0.98	40	43	6	94	23.9 - 44.7
76.56	1400	4500	600	690	1020	7470	0.85	40	43	6	94	23.9 - 44.7
90.26	1400	4500	600	690	1020	7470	0.67	40	43	6	94	23.9 - 44.7
102.88	1400	4500	600	690	1020	7470	0.46	40	43	6	94	23.9 - 44.7
108.29	1400	4500	600	690	1020	7470	0.41	40	43	6	94	23.9 - 44.7
123.85	1400	4500	600	690	1020	7470	0.33	40	43	6	93	23.9 - 44.7
145.14	1400	4500	600	690	1020	7470	0.27	40	43	6	93	23.9 - 44.7

(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.