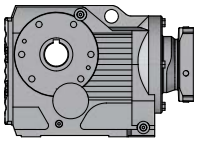
K-035



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]
5.36	1400	4500	140	161	238	1810	1.7	13	13	13	96	12.75 - 22.3
6.37	1400	4500	145	167	247	1950	1.3	13	13	13	96	12.75 - 22.3
6.80	1400	4500	150	173	255	1980	1.1	13	13	13	96	12.75 - 22.3
7.96	1400	4500	155	178	264	2110	0.85	13	13	13	96	12.75 - 22.3
8.91	1400	4500	160	184	272	2200	0.70	13	13	12	96	12.75 - 22.3
10.49	1400	4500	160	184	272	2410	0.51	13	13	12	96	12.75 - 22.3
12.14	1400	4500	160	184	272	2600	0.40	13	13	12	96	12.75 - 22.3
13.08	1400	4500	165	190	281	2650	1.0	17	17	9	96	12.75 - 22.3
15.31	1400	4500	175	201	298	2780	0.76	17	17	8	96	12.75 - 22.3
17.15	1400	4500	180	207	306	2900	0.62	17	17	8	96	12.75 - 22.3
20.19	1400	4500	185	213	315	3110	0.46	17	17	8	96	12.75 - 22.3
23.36	1400	4500	195	224	332	3260	0.37	17	17	8	96	12.75 - 22.3
24.99	1400	4500	200	230	340	3330	0.33	17	17	8	96	12.75 - 22.3
28.83	1400	4500	200	230	340	3580	0.26	17	17	8	96	12.75 - 22.3
29.96	1400	4500	200	230	340	3650	0.76	19	18	7	94	12.75 - 22.3
35.57	1400	4500	200	230	340	3670	0.60	19	18	7	94	12.75 - 22.3
37.97	1400	4500	200	230	340	4100	0.54	19	18	7	94	12.75 - 22.3
44.46	1400	4500	200	230	340	4420	0.42	19	18	7	94	12.75 - 22.3
49.79	1400	4500	200	230	340	4660	0.36	19	18	7	94	12.75 - 22.3
58.60	1400	4500	200	230	340	5020	0.27	19	18	7	94	12.75 - 22.3
67.80	1400	4500	200	230	340	5360	0.23	19	18	7	94	12.75 - 22.3
72.54	1400	4500	200	230	340	5520	0.21	19	18	7	94	12.75 - 22.3
83.69	1400	4500	200	230	340	5640	0.17	19	18	7	93	12.75 - 22.3
97.81	1400	4500	200	230	340	5640	0.13	19	18	7	93	12.75 - 22.3
106.38	1400	4500	200	230	340	5640	0.12	19	18	7	93	12.75 - 22.3

(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.