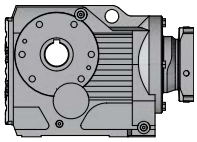
K-075



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]
7.24	1400	4500	820	943	1394	13100	17.0	91	110	8	96	49.5 - 79.2
8.48	1400	4500	890	1023	1513	13500	13.0	91	110	8	96	49.5 - 79.2
9.56	1400	4500	940	1081	1598	13900	10.0	91	110	8	96	49.5 - 79.2
10.84	1400	4500	990	1139	1683	14400	8.2	91	110	8	96	49.5 - 79.2
12.36	1400	4500	1000	1150	1700	15100	6.5	91	110	8	96	49.5 - 79.2
13.52	1400	4500	1340	1541	2278	14800	15.0	112	141	7	96	49.5 - 79.2
15.84	1400	4500	1400	1610	2380	15500	11.0	112	141	6	96	49.5 - 79.2
17.87	1400	4500	1450	1667	2465	16100	9.0	112	141	6	96	49.5 - 79.2
20.25	1400	4500	1500	1725	2550	15700	7.2	112	141	6	96	49.5 - 79.2
23.08	1400	4500	1550	1782	2635	15400	5.8	112	141	6	96	49.5 - 79.2
25.62	1400	4500	1550	1782	2635	15400	5.0	112	141	6	96	49.5 - 79.2
29.27	1400	4500	1550	1782	2635	15400	4.0	112	141	6	96	49.5 - 79.2
30.89	1400	4500	1550	1782	2635	15400	3.6	112	141	6	96	49.5 - 79.2
35.20	1400	4500	1550	1782	2635	15400	2.9	112	141	6	96	49.5 - 79.2
38.39	1400	4500	1500	1725	2550	15700	2.5	112	141	6	96	49.5 - 79.2
40.04	1400	4500	1550	1782	2635	15400	6.0	118	150	6	95	49.5 - 79.2
45.16	1400	4500	1550	1782	2635	15400	4.9	118	150	6	95	49.5 - 79.2
51.18	1400	4500	1550	1782	2635	15400	4.1	118	150	6	95	49.5 - 79.2
58.34	1400	4500	1550	1782	2635	15400	3.3	118	150	6	95	49.5 - 79.2
64.75	1400	4500	1550	1782	2635	15400	3.0	118	150	5	95	49.5 - 79.2
73.99	1400	4500	1550	1782	2635	15400	2.4	118	150	5	95	49.5 - 79.2
78.07	1400	4500	1550	1782	2635	15400	2.3	118	150	5	95	49.5 - 79.2
88.97	1400	4500	1550	1782	2635	15400	1.9	118	150	5	95	49.5 - 79.2
97.05	1400	4500	1550	1782	2635	15400	1.6	118	150	5	95	49.5 - 79.2
113.56	1400	4500	1550	1782	2635	15400	1.3	118	150	5	94	49.5 - 79.2
128.52	1400	4500	1550	1782	2635	15400	0.90	118	150	5	94	49.5 - 79.2
135.28	1400	4500	1550	1782	2635	15400	0.81	118	150	5	94	49.5 - 79.2
154.02	1400	4500	1550	1782	2635	15400	0.66	118	150	5	94	49.5 - 79.2
179.37	1400	4500	1450	1667	2465	16100	0.53	118	150	5	94	49.5 - 79.2
192.18	1400	4500	1450	1667	2465	16100	0.46	118	150	5	93	49.5 - 79.2

(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>N001 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.