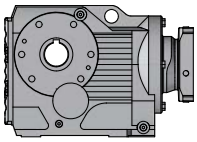
K-165



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]
17.34	1400	2000	32000	36800	54400	67900	*	*	*	5	96	1052 - 1140
20.32	1400	2500	32000	36800	54400	74000	*	*	*	5	96	1052 - 1140
24.52	1400	3000	32000	36800	54400	81700	*	*	*	5	96	1052 - 1140
28.77	1400	3600	32000	36800	54400	88600	*	*	*	5	96	1052 - 1140
32.25	1400	4100	32000	36800	54400	93700	*	*	*	5	96	1052 - 1140
36.61	1400	4100	32000	36800	54400	99700	*	*	*	5	96	1052 - 1140
42.89	1400	3000	32000	36800	54400	107400	*	*	*	5	96	1052 - 1140
51.77	1400	3000	32000	36800	54400	117000	*	*	*	5	96	1052 - 1140
60.74	1400	3500	32000	36800	54400	125600	*	*	*	5	96	1052 - 1140
68.07	1400	4200	32000	36800	54400	132000	*	*	*	5	96	1052 - 1140
78.14	1400	4200	32000	36800	54400	140100	*	*	*	5	96	1052 - 1140
87.86	1400	4200	32000	36800	54400	147200	*	*	*	5	96	1052 - 1140
109.83	1400	4200	32000	36800	54400	150000	*	*	*	5	96	1052 - 1140
134.99	1400	4200	32000	36800	54400	150000	*	*	*	5	96	1052 - 1140
164.50	1400	4200	32000	36800	54400	150000	*	*	*	4	94	1052 - 1140

(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.