



K-095

Technical Data

Ratio	n_{1N}	n_{1Max}	T_{2N}	T_{2Max}	T_{2E}	F_{2RMaxP}	J	C	C	$\Delta\phi$	η	M
	(1) [rpm]	(2) [rpm]	(3) [N·m]	(4) [N·m]	(5) [N·m]	(7) [N]	(8) [Kg·cm ²]	(6) [Nm/arcmin]	(7) [Nm/arcmin]	[arcmin]	[%]	[Kg]
8.71	1400	3924	2660	3059	4522	15800	94.0	237	264	10	96	142 - 230
10.41	1400	4378	2870	3300	4879	16400	71.0	237	264	10	96	142 - 230
11.99	1400	3597	3890	4474	6613	16200	115.0	267	301	8	96	142 - 230
13.85	1400	3924	4300	4945	7310	16100	91.0	267	301	8	96	142 - 230
16.56	1400	4378	4300	4945	7310	17800	69.0	267	301	8	96	142 - 230
18.96	1400	4500	4300	4945	7310	19100	55.0	267	301	8	96	142 - 230
22.37	1400	4500	4300	4945	7310	20900	43.0	267	301	8	96	142 - 230
24.75	1400	4500	4300	4945	7310	22000	37.0	267	301	8	96	142 - 230
27.91	1400	4500	4300	4945	7310	23300	30.0	267	301	8	96	142 - 230
30.82	1400	4500	4300	4945	7310	24500	26.0	267	301	7	96	142 - 230
34.23	1400	4500	4300	4945	7310	25700	22.0	267	301	7	96	142 - 230
38.30	1400	4500	4300	4945	7310	27100	18.0	267	301	7	96	142 - 230
41.87	1400	4378	4300	4945	7310	28300	42.0	278	314	7	93	142 - 230
47.93	1400	4500	4300	4945	7310	30000	35.0	278	314	7	94	142 - 230
56.55	1400	4500	4300	4945	7310	32300	28.0	278	314	7	94	142 - 230
62.55	1400	4500	4300	4945	7310	33800	25.0	278	314	7	94	142 - 230
70.54	1400	4500	4300	4945	7310	35600	21.0	278	314	7	94	142 - 230
77.89	1400	4500	4300	4945	7310	37100	18.0	278	314	7	94	142 - 230
86.52	1400	4500	4300	4945	7310	38800	16.0	278	314	7	94	142 - 230
96.80	1400	4500	4300	4945	7310	40000	13.0	278	314	7	94	142 - 230
105.13	1400	4500	4300	4945	7310	40000	12.0	278	314	7	94	142 - 230
123.93	1400	4500	4300	4945	7310	40000	9.3	278	314	7	94	142 - 230
140.28	1400	4500	4300	4945	7310	40000	5.9	278	314	7	94	142 - 230
153.21	1400	4500	4300	4945	7310	40000	5.2	278	314	7	94	142 - 230
176.05	1400	4500	4300	4945	7310	40000	4.0	278	314	7	94	142 - 230

- (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.