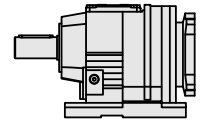


R-065



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 _{2RMax} (N)	J (6) (Kg·cm ²)	C (Nm/arcmin)	Δφ (arcmin)	η %	M (Kg)
4.29	1400	3700	270	405	455	5000	5.9	24	10	97	27-43.2
4.93	1400	4252	290	435	490	5210	4.6	24	9	97	27-43.2
5.70	1400	4500	310	465	525	5450	3.6	24	9	97	27-43.2
6.27	1400	4500	330	485	560	5590	3.0	24	9	97	27-43.2
7.36	1400	4500	370	485	625	5790	2.4	24	8	97	27-43.2
7.79	1400	4500	380	485	645	5830	2.1	24	8	97	27-43.2
8.70	1400	4500	440	660	745	5960	4.0	32	7	97	27-43.2
10.00	1400	4500	470	665	795	6220	3.2	32	7	97	27-43.2
11.54	1400	4500	500	665	850	6500	2.5	32	7	97	27-43.2
12.70	1400	4500	520	665	880	6640	2.2	32	6	97	27-43.2
14.91	1400	4500	550	665	930	6980	1.7	32	6	97	27-43.2
15.79	1400	4500	560	665	950	7130	1.6	32	6	97	27-43.2
17.95	1400	4500	590	665	1000	7330	1.2	32	6	97	27-43.2
19.89	1400	4500	600	665	1020	7560	1.0	32	6	97	27-43.2
23.44	1400	4500	560	665	950	8010	0.80	32	6	97	27-43.2
26.72	1400	4500	540	665	910	8210	0.56	32	6	97	27-43.2
28.13	1400	4500	540	665	910	8210	0.50	32	6	97	27-43.2
28.83	1400	4500	520	595	880	8400	1.5	33	7	95	28-44.2
32.27	1400	4500	540	595	910	8210	1.3	33	7	95	28-44.2
37.50	1400	4500	570	595	960	7900	1.0	33	7	95	28-44.2
39.88	1400	4500	580	595	980	7790	0.93	33	7	95	28-44.2
46.29	1400	4500	600	600	1020	7560	0.72	33	7	95	28-44.2
51.56	1400	4500	600	600	1020	7560	0.61	33	7	95	28-44.2
56.89	1400	4500	600	600	1020	7560	0.50	33	7	95	28-44.2
61.26	1400	4500	600	600	1020	7560	0.47	33	7	95	28-44.2
69.75	1400	4500	600	660	1020	7560	0.88	33	7	95	28-44.2
74.17	1400	4500	600	660	1020	7560	0.81	33	7	95	28-44.2
86.11	1400	4500	600	660	1020	7560	0.63	33	6	95	28-44.2
95.91	1400	4500	600	660	1020	7560	0.54	33	6	95	28-44.2
105.83	1400	4500	600	660	1020	7560	0.45	33	6	95	28-44.2
113.94	1400	4500	600	660	1020	7560	0.42	33	6	95	28-44.2
128.97	1400	4500	600	660	1020	7560	0.36	33	6	95	28-44.2
137.67	1400	4500	600	660	1020	7560	0.32	33	6	94	28-44.2
158.14	1400	4500	600	660	1020	7560	0.26	33	6	94	28-44.2
184.07	1400	4500	600	660	1020	7560	0.21	33	6	94	28-44.2
199.81	1400	4500	600	660	1020	7560	0.19	33	6	93	28-44.2

(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>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) Varies depending on input.