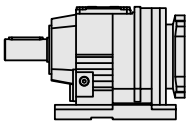
R-085



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)
5.30	1400	4500	910	1270	1540	8980	25.0	76	7	97	60-93.1
6.39	1400	4500	1020	1270	1730	9450	19.0	76	7	97	60-93.1
7.13	1400	4500	1070	1270	1810	9780	16.0	76	7	97	60-93.1
8.22	1400	4500	1160	1270	1970	10200	13.0	76	7	97	60-93.1
9.14	1400	4500	1210	1270	2050	10500	11.0	76	6	97	60-93.1
9.90	1400	4500	1180	1550	2000	10400	21.0	93	6	97	60-93.1
11.93	1400	4500	1230	1550	2090	11200	17.0	93	6	97	60-93.1
13.33	1400	4500	1280	1550	2170	11600	14.0	93	6	97	60-93.1
15.35	1400	4500	1340	1550	2270	12100	12.0	93	6	97	60-93.1
17.08	1400	4500	1390	1550	2360	12600	10.0	93	6	97	60-93.1
19.10	1400	4500	1440	1550	2440	13000	8.7	93	6	97	60-93.1
21.51	1400	4500	1500	1550	2550	13600	7.3	93	6	97	60-93.1
23.40	1400	4500	1550	1550	2630	13900	6.6	93	6	97	60-93.1
27.84	1400	4500	1550	1550	2630	15000	5.1	93	6	97	60-93.1
31.40	1400	4500	1550	1550	2630	7820	4.1	93	5	97	60-93.1
34.40	1400	4500	1500	1550	2550	9480	3.6	93	5	97	60-93.1
27.88	1400	4500	1500	1550	2550	15100	9.8	97	7	96	61-94.1
32.66	1400	4500	1550	1550	2630	16000	7.6	97	7	96	61-94.1
36.84	1400	4500	1550	1550	2630	16800	6.2	97	7	96	61-94.1
41.74	1400	4500	1550	1550	2630	16900	5.1	97	7	96	61-94.1
47.58	1400	4500	1550	1550	2630	16900	4.1	97	7	96	61-94.1
52.82	1400	4500	1550	1550	2630	13500	3.6	97	6	96	61-94.1
60.35	1400	4500	1550	1550	2630	15200	2.9	97	6	96	61-94.1
63.68	1400	4500	1550	1550	2630	15800	2.7	97	6	96	61-94.1
72.57	1400	4500	1550	1550	2630	16900	2.2	97	6	96	61-94.1
81.92	1400	4500	1550	1550	2630	16900	4.0	97	6	95	61-94.1
93.38	1400	4500	1550	1550	2630	16900	3.3	97	6	95	61-94.1
103.65	1400	4500	1550	1550	2630	16900	3.0	97	6	95	61-94.1
118.43	1400	4500	1550	1550	2630	16900	2.4	97	6	95	61-94.1
124.97	1400	4500	1550	1550	2630	16900	2.3	97	6	95	61-94.1
142.41	1400	4500	1550	1550	2630	16900	1.9	97	6	95	61-94.1
155.34	1400	4500	1550	1550	2630	16900	1.6	97	6	94	61-94.1
181.77	1400	4500	1550	1550	2630	16900	1.3	97	6	94	61-94.1
205.71	1400	4500	1550	1550	2630	16900	0.90	97	6	94	61-94.1
216.54	1400	4500	1550	1550	2630	16900	0.81	97	6	94	61-94.1
246.54	1400	4500	1550	1550	2630	16900	0.66	97	6	93	61-94.1

(1) Rated input speed.

(2) Maximum Input Speed.

(3) T2N value is calculated at n1n, 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) T2Max only for very short time intervals.

(5) Up to 1000 times during the gearbox's lifetime.

(6) Varies depending on input.