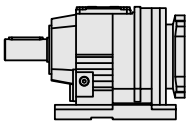
R-095



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·cm²)	C (Nm/arcmin)	Δφ (arcmin)	η %	M (Kg)
4.50	1400	3597	1630	2440	2770	9500	80.0	127	6	97	105-167
5.20	1400	3924	1780	2560	3020	9850	65.0	127	6	97	105-167
6.21	1400	4378	1890	2560	3210	10500	51.0	127	6	97	105-167
7.12	1400	4500	2000	2560	3400	10900	41.0	127	6	97	105-167
8.39	1400	4500	2030	2560	3450	11700	33.0	127	6	97	105-167
9.29	1400	4500	2030	2560	3450	12200	28.0	127	6	97	105-167
10.83	1400	4378	2090	3090	3550	12100	46.0	155	6	97	105-167
12.39	1400	4500	2190	3090	3720	12700	37.0	155	6	97	105-167
14.62	1400	4500	2300	3090	3910	13400	30.0	155	6	97	105-167
16.17	1400	4500	2400	3090	4080	13800	26.0	155	6	97	105-167
18.24	1400	4500	2500	3090	4250	14400	22.0	155	6	97	105-167
20.14	1400	4500	2610	3090	4430	14800	19.0	155	5	97	105-167
22.37	1400	4500	2720	3090	4620	15300	16.0	155	5	97	105-167
25.03	1400	4500	2830	3090	4810	15900	14.0	155	5	97	105-167
27.19	1400	4500	2560	3090	4350	8380	13.0	155	5	97	105-167
32.05	1400	4500	2560	3090	4350	10600	9.8	155	5	97	105-167
27.58	1400	4500	2670	3090	4530	16900	24.0	163	6	96	110-167
33.25	1400	4500	2890	3090	4910	17900	19.0	163	6	96	110-167
37.13	1400	4500	3000	3090	5100	18600	16.0	163	6	96	110-167
42.78	1400	4500	3000	3090	5100	19800	13.0	163	6	96	110-167
47.58	1400	4500	3000	3090	5100	19800	11.0	163	6	96	110-167
53.21	1400	4500	3000	3090	5100	19800	9.5	163	6	96	110-167
59.92	1400	4500	3000	3090	5100	19800	8.0	163	6	96	110-167
65.21	1400	4500	3000	3090	5100	19800	7.1	163	6	96	110-167
72.17	1400	4500	3000	3090	5100	19800	14.0	164	6	95	110-167
83.15	1400	4500	3000	3090	5100	19800	11.0	164	6	95	110-167
92.48	1400	4500	3000	3090	5100	19800	9.8	164	6	95	110-167
103.44	1400	4500	3000	3090	5100	19800	8.4	164	6	95	110-167
116.48	1400	4500	3000	3090	5100	19800	7.0	164	6	95	110-167
126.75	1400	4500	3000	3090	5100	19800	6.3	164	6	95	110-167
150.78	1400	4500	3000	3090	5100	19800	4.9	164	6	95	110-167
170.02	1400	4500	3000	3090	5100	19800	4.0	164	6	95	110-167
186.30	1400	4500	3000	3090	5100	19800	3.5	164	6	95	110-167
216.28	1400	4500	3000	3090	5100	19800	2.8	164	6	94	110-167
241.25	1400	4500	3000	3090	5100	19800	1.8	164	6	94	110-167
255.71	1400	4500	3000	3090	5100	19800	1.6	164	6	94	110-167
289.74	1400	4500	3000	3090	5100	19800	1.3	164	6	93	110-167

(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.