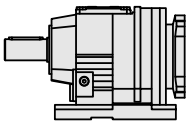
R-055



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)
4.39	1400	4500	280	420	475	1900	4.3	21	10	97	20-37.4
5.05	1400	4500	305	425	515	1730	3.4	21	10	97	20-37.4
5.82	1400	4500	320	425	540	1820	2.7	21	10	97	20-37.4
6.41	1400	4500	335	425	570	1770	2.3	21	9	97	20-37.4
7.53	1400	4500	350	425	595	1950	1.8	21	9	97	20-37.4
7.97	1400	4500	355	425	600	2020	1.6	21	9	97	20-37.4
9.06	1400	4500	375	425	635	2010	1.3	21	9	97	20-37.4
9.35	1400	4500	370	455	625	3180	2.8	25	7	97	20-37.4
10.79	1400	4500	390	455	660	3330	2.2	25	7	97	20-37.4
11.88	1400	4500	405	455	685	3430	1.9	25	7	97	20-37.4
13.95	1400	4500	430	455	730	3610	1.6	25	7	97	20-37.4
14.77	1400	4500	435	455	740	3690	1.4	25	7	97	20-37.4
16.79	1400	4500	450	455	765	3860	1.1	25	7	97	20-37.4
18.60	1400	4500	450	455	765	4050	0.94	25	7	97	20-37.4
21.93	1400	4500	450	455	765	4370	0.73	25	7	97	20-37.4
24.99	1400	4500	450	455	765	4640	0.51	25	6	97	20-37.4
26.31	1400	4500	450	455	765	4750	0.45	25	6	97	20-37.4
26.97	1400	4500	450	455	765	4800	1.5	26	8	95	21-38.4
30.18	1400	4500	450	455	765	5040	1.3	26	8	95	21-38.4
35.07	1400	4500	450	455	765	5390	0.97	26	8	95	21-38.4
37.30	1400	4500	450	455	765	5530	0.89	26	8	95	21-38.4
43.30	1400	4500	450	455	765	5900	0.70	26	8	95	21-38.4
48.23	1400	4500	450	455	765	6170	0.60	26	8	95	21-38.4
53.22	1400	4500	450	455	765	6430	0.49	26	8	95	21-38.4
57.29	1400	4500	450	455	765	6630	0.46	26	8	95	21-38.4
64.85	1400	4500	450	455	765	6980	0.38	26	8	95	21-38.4
69.23	1400	4500	450	455	765	7100	0.35	26	7	95	21-38.4
80.55	1400	4500	450	455	765	7100	0.62	26	7	94	21-38.4
89.71	1400	4500	450	455	765	7100	0.54	26	7	94	21-38.4
98.99	1400	4500	450	455	765	7100	0.45	26	7	94	21-38.4
106.58	1400	4500	450	455	765	7100	0.42	26	7	94	21-38.4
120.63	1400	4500	450	455	765	7100	0.35	26	7	94	21-38.4
128.77	1400	4500	450	455	765	7100	0.32	26	7	94	21-38.4
147.92	1400	4500	450	455	765	7100	0.26	26	7	94	21-38.4
172.17	1400	4500	450	455	765	7100	0.21	26	7	93	21-38.4
186.89	1400	4500	450	455	765	7100	0.18	26	7	93	21-38.4

(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.