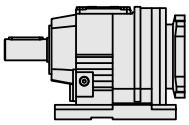
R-035



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)
3.41	1400	3587	112	147	190	900	1.4	9.7	14	97	11-19.5
4.05	1400	4261	122	153	205	840	1.1	9.7	13	97	11-19.5
4.32	1400	4500	126	155	210	820	0.95	9.7	13	97	11-19.5
5.06	1400	4500	135	156	230	790	0.72	9.7	13	97	11-19.5
5.67	1400	4500	142	156	240	760	0.59	9.7	12	97	11-19.5
6.67	1400	4500	144	166	245	1000	0.43	9.7	12	97	11-19.5
7.97	1400	4500	156	205	265	1720	0.96	13	8	97	11-19.5
9.47	1400	4500	167	205	280	1760	0.74	13	8	97	11-19.5
10.11	1400	4500	170	205	285	1820	0.66	13	8	97	11-19.5
11.83	1400	4500	183	205	310	1810	0.51	13	8	97	11-19.5
13.25	1400	4500	190	205	320	1880	0.43	13	8	97	11-19.5
15.60	1400	4500	200	205	340	2010	0.31	13	8	97	11-19.5
18.05	1400	4500	200	205	340	2390	0.26	13	8	97	11-19.5
19.31	1400	4500	200	205	340	2570	0.23	13	7	97	11-19.5
22.27	1400	4500	200	205	340	2970	0.19	13	7	97	11-19.5
26.03	1400	4500	185	205	315	3860	0.15	13	7	97	11-19.5
28.32	1400	4500	200	205	340	3690	0.13	13	7	97	11-19.5
24.42	1400	4500	200	205	340	3240	0.53	13	9	95	11-19.5
28.73	1400	4500	200	205	340	3740	0.39	13	9	95	11-19.5
32.40	1400	4500	200	205	340	4120	0.31	13	9	95	11-19.5
36.72	1400	4500	200	205	340	4540	0.25	13	9	95	11-19.5
39.17	1400	4500	200	205	340	4760	0.23	13	9	95	11-19.5
44.81	1400	4500	200	205	340	4940	0.19	13	9	95	11-19.5
48.08	1400	4500	200	205	340	4940	0.17	13	9	95	11-19.5
55.76	1400	4500	200	205	340	4940	0.13	13	9	95	11-19.5
61.18	1400	4500	200	205	340	4940	0.26	13	8	94	11-19.5
69.33	1400	4500	200	205	340	4940	0.22	13	8	94	11-19.5
73.96	1400	4500	200	205	340	4940	0.20	13	8	94	11-19.5
84.61	1400	4500	200	205	340	4940	0.16	13	8	93	11-19.5
90.77	1400	4500	200	205	340	4940	0.15	13	8	93	11-19.5
105.28	1400	4500	200	205	340	4940	0.12	13	8	93	11-19.5
123.66	1400	4500	200	205	340	4940	0.09	13	8	93	11-19.5
134.82	1400	4500	200	205	340	4940	0.08	13	8	93	11-19.5

(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.