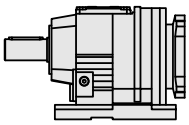
R-045



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)
3.83	1400	3657	144	166	245	2080	2.6	11	11	97	15-29.15
4.34	1400	4144	146	170	245	2190	2.0	11	11	97	15-29.15
4.85	1400	4500	150	175	255	2280	1.7	11	10	97	15-29.15
5.64	1400	4500	155	180	260	2410	1.3	11	10	97	15-29.15
6.00	1400	4500	156	182	265	2470	1.2	11	10	97	15-29.15
6.96	1400	4500	159	187	270	2620	0.93	11	10	97	15-29.15
7.76	1400	4500	163	190	275	2720	0.77	11	10	97	15-29.15
8.01	1400	4500	205	300	345	2690	2.0	15	8	97	15-29.15
9.07	1400	4500	220	305	370	2780	1.6	15	8	97	15-29.15
10.15	1400	4500	230	305	390	2880	1.3	15	7	97	15-29.15
11.79	1400	4500	245	305	415	3020	1.1	15	7	97	15-29.15
12.54	1400	4500	250	305	425	3080	0.95	15	7	97	15-29.15
14.56	1400	4500	265	305	450	3230	0.74	15	7	97	15-29.15
16.22	1400	4500	275	305	465	3350	0.63	15	7	97	15-29.15
17.89	1400	4500	290	305	490	3390	0.51	15	7	97	15-29.15
19.27	1400	4500	295	305	500	3530	0.48	15	7	97	15-29.15
21.81	1400	4500	300	305	510	3710	0.39	15	7	97	15-29.15
23.28	1400	4500	300	305	510	3820	0.36	15	7	97	15-29.15
26.74	1400	4500	300	305	510	4050	0.29	15	7	97	15-29.15
31.12	1400	4500	220	305	370	4610	0.23	15	7	97	15-29.15
33.79	1400	4500	240	305	405	4680	0.20	15	7	97	15-29.15
23.59	1400	4500	300	305	510	3840	1.7	15	8	95	16-29.15
26.70	1400	4500	300	305	510	4050	1.4	15	8	95	16-29.15
29.88	1400	4500	300	305	510	4240	1.2	15	8	95	16-29.15
34.73	1400	4500	300	305	510	4520	0.93	15	8	95	16-29.15
36.93	1400	4500	300	305	510	4630	0.85	15	8	95	16-29.15
42.87	1400	4500	300	305	510	4930	0.67	15	8	95	16-29.15
47.75	1400	4500	300	305	510	5140	0.56	15	8	95	16-29.15
52.69	1400	4500	300	305	510	5350	0.47	15	8	95	16-29.15
56.73	1400	4500	300	305	510	5420	0.44	15	8	95	16-29.15
64.21	1400	4500	300	305	510	5420	0.37	15	8	95	16-29.15
68.54	1400	4500	300	305	510	5420	0.33	15	8	95	16-29.15
76.23	1400	4500	300	305	510	5420	0.60	15	7	94	16-29.15
84.90	1400	4500	300	305	510	5420	0.52	15	7	94	16-29.15
93.68	1400	4500	300	305	510	5420	0.43	15	7	94	16-29.15
100.86	1400	4500	300	305	510	5420	0.41	15	7	93	16-29.15
114.17	1400	4500	300	305	510	5420	0.34	15	7	93	16-29.15
121.87	1400	4500	300	305	510	5420	0.31	15	7	93	16-29.15
139.99	1400	4500	300	305	510	5420	0.25	15	7	93	16-29.15
162.94	1400	4500	300	305	510	5420	0.20	15	7	93	16-29.15
176.88	1400	4500	300	305	510	5420	0.18	15	7	93	16-29.15

(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.