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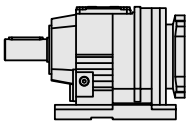

Technical Data

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)
4.92	1400	3197	2900	3820	4930	11300	144.0	208	9	97	160-216
5.82	1400	3597	2970	3820	5040	12100	108.0	208	9	97	160-216
6.66	1400	3924	2970	3820	5040	12800	88.0	208	9	97	160-216
7.86	1400	4378	2970	3820	5040	13800	70.0	208	9	97	160-216
8.56	1400	3197	4300	4360	7310	11300	129.0	250	7	97	160-216
10.13	1400	3597	4300	4360	7310	12400	97.0	250	7	97	160-216
11.59	1400	3924	4300	4360	7310	13300	80.0	250	7	97	160-216
13.66	1400	4378	4300	4360	7310	14400	64.0	250	7	97	160-216
15.65	1400	4500	4300	4360	7310	15400	52.0	250	7	97	160-216
18.21	1400	4500	4300	4360	7310	16600	43.0	250	7	97	160-216
20.07	1400	4500	4300	4360	7310	17300	37.0	250	7	97	160-216
22.62	1400	4500	4300	4360	7310	18300	31.0	250	7	97	160-216
24.90	1400	4500	4300	4360	7310	19200	27.0	250	7	97	160-216
27.58	1400	4500	4300	4360	7310	20100	21.0	250	7	97	160-216
30.77	1400	4500	4300	4360	7310	21100	18.0	250	7	97	160-216
29.49	1400	3924	4300	4360	7310	20700	60.0	259	7	95	170-226
35.26	1400	4378	4300	4360	7310	22400	47.0	259	7	96	170-226
40.37	1400	4500	4300	4360	7310	23800	38.0	259	7	96	170-226
47.63	1400	4500	4300	4360	7310	25500	31.0	259	7	96	170-226
52.68	1400	4500	4300	4360	7310	26600	27.0	259	7	96	170-226
59.41	1400	4500	4300	4360	7310	28000	22.0	259	7	96	170-226
65.60	1400	4500	4300	4360	7310	29200	19.0	259	7	96	170-226
72.88	1400	4500	4300	4360	7310	29500	17.0	259	7	96	170-226
78.57	1400	4500	4300	4360	7310	29500	34.0	260	7	95	170-226
92.70	1400	4500	4300	4360	7310	29500	28.0	260	7	95	170-226
102.53	1400	4500	4300	4360	7310	29500	25.0	260	7	95	170-226
115.63	1400	4500	4300	4360	7310	29500	20.0	260	7	95	170-226
127.68	1400	4500	4300	4360	7310	29500	18.0	260	7	95	170-226
141.83	1400	4500	4300	4360	7310	29500	15.0	260	7	95	170-226
158.68	1400	4500	4300	4360	7310	29500	13.0	260	7	95	170-226
172.34	1400	4500	4300	4360	7310	29500	12.0	260	7	95	170-226
203.16	1400	4500	4300	4360	7310	29500	9.2	260	7	94	170-226
229.95	1400	4500	4300	4360	7310	29500	5.9	260	7	94	170-226
251.15	1400	4500	4300	4360	7310	29500	5.1	260	7	94	170-226

(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.