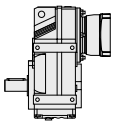
F-065



Technical Data

Ratio	n_{1N} (1)	n_{1Max} (2)	T_{2N} (3)	T_{2Max} (4)	T_{2E} (5)	F_{2RMaxH} (6)	F_{2RMaxP} (7)	J (8)	C_H (6)	C_P (7)	Δφ	η	M
	rpm	rpm	N·m	N·m	N·m	N	N	kg·cm²	N·m/'	N·m/'	'	%	kg
3.97	1400	4500	500	695	850	1220	8390	16.0	129	68	10	97	29 - 50.9
4.66	1400	4500	560	700	950	1020	8590	12.0	129	68	9	97	29 - 50.9
5.25	1400	4500	590	705	1000	1010	8850	10.0	129	68	9	97	29 - 50.9
5.95	1400	4500	610	705	1030	1090	9200	8.0	129	68	9	98	29 - 50.9
6.78	1400	4500	620	710	1050	1280	9660	6.3	129	68	9	97	29 - 50.9
7.53	1400	4500	610	715	1030	1570	10100	5.5	129	68	8	97	29 - 50.9
8.60	1400	4500	610	715	1030	1860	10700	4.4	129	68	8	97	29 - 50.9
9.08	1400	4500	610	715	1030	1990	10900	4.0	129	68	8	97	29 - 50.9
9.66	1400	4500	870	920	1470	1250	9840	8.5	173	79	6	97	29 - 50.9
11.31	1400	4500	870	920	1470	1630	9840	6.7	173	79	6	97	29 - 50.9
12.76	1400	4500	870	920	1470	1930	9840	5.6	173	79	6	97	29 - 50.9
14.46	1400	4500	870	920	1470	2260	9840	4.6	173	79	6	97	29 - 50.9
16.48	1400	4500	870	920	1470	2610	9840	3.8	173	79	6	97	29 - 50.9
18.29	1400	4500	870	920	1470	2900	9840	3.4	173	79	6	97	29 - 50.9
20.90	1400	4500	870	920	1470	3290	9840	2.7	173	79	5	97	29 - 50.9
22.05	1400	4500	870	920	1470	3460	9840	2.5	173	79	5	97	29 - 50.9
25.13	1400	4500	870	920	1470	3860	9840	2.0	173	79	5	97	29 - 50.9
27.41	1400	4500	870	920	1470	4140	9840	1.7	173	79	5	97	29 - 50.9
32.08	1400	4500	870	920	1470	4670	9840	1.4	173	79	5	97	29 - 50.9
36.30	1400	4500	870	920	1470	5110	9840	0.98	173	79	5	97	29 - 50.9
34.01	1400	4500	740	920	1250	5730	11000	2.8	187	82	6	96	30 - 51.9
39.26	1400	4500	780	920	1320	5980	10700	2.2	187	82	6	96	30 - 51.9
43.20	1400	4500	870	920	1470	5760	9840	1.9	187	82	6	96	30 - 51.9
50.74	1400	4500	870	920	1470	6390	9840	1.6	187	82	6	96	30 - 51.9
53.73	1400	4500	870	920	1470	6620	9840	1.4	187	82	6	96	30 - 51.9
61.07	1400	4500	870	920	1470	7160	9840	1.1	187	82	6	95	30 - 51.9
67.65	1400	4500	870	920	1470	7600	9840	0.97	187	82	6	95	30 - 51.9
79.76	1400	4500	870	920	1470	8350	9840	0.76	187	82	6	95	30 - 51.9
90.59	1400	4500	870	920	1470	8960	9840	1.4	189	82	6	95	30 - 51.9
95.94	1400	4500	870	920	1470	9240	9840	1.2	189	82	6	95	30 - 51.9
109.04	1400	4500	870	920	1470	9900	9840	0.98	189	82	6	95	30 - 51.9
120.79	1400	4500	870	920	1470	10400	9840	0.85	189	82	6	94	30 - 51.9
142.40	1400	4500	870	920	1470	11300	9840	0.68	189	82	6	94	30 - 51.9
162.31	1400	4500	870	920	1470	11400	9840	0.47	189	82	6	94	30 - 51.9
170.85	1400	4500	870	920	1470	11400	9840	0.42	189	82	6	93	30 - 51.9
195.39	1400	4500	870	920	1470	11400	9840	0.34	189	82	6	93	30 - 51.9
228.99	1400	4500	870	920	1470	11400	9840	0.27	189	82	6	93	30 - 51.9

(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) For gearboxes with flange and hollow output shaft

(7) For gearboxes without flanges and with solid output shaft

(8) Varies depending on input.