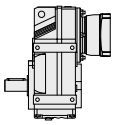
F-035



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
3.77	1400	4500	105	157	178	2470	1970	2.8	41	20	12	97	13 - 22.3
4.22	1400	4500	110	165	187	2550	2030	2.3	41	20	11	97	13 - 22.3
4.90	1400	4500	120	180	200	2630	2100	1.8	41	20	11	97	13 - 22.3
5.21	1400	4500	125	187	210	2660	2120	1.6	41	20	10	97	13 - 22.3
6.05	1400	4500	135	188	225	2750	2190	1.2	41	20	10	97	13 - 22.3
6.74	1400	4500	140	188	235	2850	2270	1.0	41	20	10	97	13 - 22.3
7.44	1400	4500	145	188	245	2940	2350	0.83	41	20	10	97	13 - 22.3
8.01	1400	4500	170	255	285	2960	2360	1.5	84	26	7	97	13 - 22.3
8.97	1400	4500	175	255	295	3080	2460	1.3	84	26	7	97	13 - 22.3
10.42	1400	4500	185	255	310	3230	2580	1.0	84	26	7	97	13 - 22.3
11.08	1400	4500	190	255	320	3290	2620	0.94	84	26	7	97	13 - 22.3
12.87	1400	4500	205	255	345	3400	2710	0.74	84	26	7	97	13 - 22.3
14.33	1400	4500	215	255	365	3500	2790	0.63	84	26	6	97	13 - 22.3
15.81	1400	4500	220	255	370	3640	2900	0.52	84	26	6	97	13 - 22.3
17.03	1400	4500	230	255	390	3680	2940	0.48	84	26	6	97	13 - 22.3
19.27	1400	4500	230	255	390	3940	3140	0.40	84	26	6	97	13 - 22.3
20.57	1400	4500	230	255	390	4080	3250	0.36	84	26	6	97	13 - 22.3
23.63	1400	4500	230	255	390	4380	3500	0.29	84	26	6	97	13 - 22.3
23.88	1400	4500	230	255	390	4410	3510	0.60	94	27	8	96	13 - 22.3
28.09	1400	4500	230	255	390	4780	3810	0.45	94	27	8	96	13 - 22.3
31.69	1400	4500	230	255	390	5080	3810	0.35	94	27	8	96	13 - 22.3
35.91	1400	4500	230	255	390	5390	3810	0.29	94	27	8	95	13 - 22.3
38.31	1400	4500	230	255	390	5560	3810	0.26	94	27	8	95	13 - 22.3
43.83	1400	4500	230	255	390	5930	3810	0.21	94	27	8	95	13 - 22.3
47.02	1400	4500	230	255	390	6120	3810	0.19	94	27	8	95	13 - 22.3
51.70	1400	4500	230	255	390	6400	3810	0.34	97	27	7	95	13 - 22.3
54.54	1400	4500	230	255	390	6550	3810	0.15	94	27	8	95	13 - 22.3
58.32	1400	4500	230	255	390	6760	3810	0.27	97	27	7	95	13 - 22.3
66.09	1400	4500	230	255	390	7000	3810	0.23	97	27	7	95	13 - 22.3
70.50	1400	4500	230	255	390	7000	3810	0.21	97	27	7	94	13 - 22.3
80.65	1400	4500	230	255	390	7000	3810	0.17	97	27	7	94	13 - 22.3
86.53	1400	4500	230	255	390	7000	3810	0.15	97	27	7	94	13 - 22.3
100.36	1400	4500	230	255	390	7000	3810	0.12	97	27	7	94	13 - 22.3
117.88	1400	4500	230	255	390	7000	3810	0.10	97	27	7	93	13 - 22.3
128.51	1400	4500	230	255	390	7000	3810	0.08	97	27	7	93	13 - 22.3

(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.