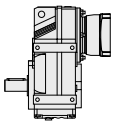
F-075



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
4.28	1400	4500	1010	1310	1710	630	10200	42.0	263	132	8	97	52 - 79
5.16	1400	4500	1080	1320	1830	640	10700	31.0	263	132	8	97	52 - 79
5.76	1400	4500	1080	1320	1830	930	11300	26.0	263	132	8	97	52 - 79
6.64	1400	4500	1080	1320	1830	1310	12000	20.0	263	132	8	97	52 - 79
7.39	1400	4500	1080	1330	1830	1610	12500	17.0	263	132	7	97	52 - 79
8.26	1400	4500	1080	1330	1830	1940	13100	14.0	263	132	7	97	52 - 79
9.30	1400	4500	1080	1330	1830	2300	13800	12.0	263	132	7	97	52 - 79
10.93	1400	4500	1500	1530	2550	2080	14200	19.0	351	151	6	97	52 - 79
12.20	1400	4500	1500	1530	2550	2450	14900	16.0	351	151	5	97	52 - 79
14.06	1400	4500	1500	1530	2550	2940	15700	13.0	351	151	5	97	52 - 79
15.64	1400	4500	1500	1530	2550	3330	15700	11.0	351	151	5	97	52 - 79
17.49	1400	4500	1500	1530	2550	3750	15700	9.5	351	151	5	97	52 - 79
19.70	1400	4500	1500	1530	2550	4220	15700	7.9	351	151	5	97	52 - 79
21.43	1400	4500	1500	1530	2550	4560	15700	7.1	351	151	5	97	52 - 79
25.50	1400	4500	1500	1530	2550	5300	15700	5.5	351	151	5	97	52 - 79
28.75	1400	4500	1430	1530	2430	6190	16200	4.4	351	151	5	97	52 - 79
31.51	1400	4500	1380	1530	2340	6870	16500	3.8	351	151	5	97	52 - 79
36.58	1400	4500	1110	1530	1880	8990	17900	3.0	351	151	5	97	52 - 79
25.54	1400	4500	1450	1530	2460	5560	16100	10.0	388	157	6	96	53 - 81
29.91	1400	4500	1500	1530	2550	6010	15700	7.8	388	157	6	96	53 - 81
33.74	1400	4500	1500	1530	2550	6580	15700	6.4	388	157	6	96	53 - 81
38.23	1400	4500	1500	1530	2550	7190	15700	5.2	388	157	6	96	53 - 81
43.58	1400	4500	1500	1530	2550	7850	15700	4.3	388	157	6	96	53 - 81
48.37	1400	4500	1500	1530	2550	8410	15700	3.8	388	157	6	96	53 - 81
55.27	1400	4500	1500	1530	2550	9140	15700	3.0	388	157	6	96	53 - 81
58.32	1400	4500	1500	1530	2550	9450	15700	2.8	388	157	6	96	53 - 81
66.46	1400	4500	1500	1530	2550	10200	15700	2.2	388	157	6	95	53 - 81
72.50	1400	4500	1500	1530	2550	10700	15700	1.9	388	157	6	95	53 - 81
75.02	1400	4500	1500	1530	2550	11000	15700	4.0	394	158	6	95	53 - 81
85.52	1400	4500	1500	1530	2550	11800	15700	3.3	394	158	6	95	53 - 81
94.93	1400	4500	1500	1530	2550	12500	15700	3.0	394	158	5	95	53 - 81
108.46	1400	4500	1500	1530	2550	13400	15700	2.5	394	158	5	95	53 - 81
114.45	1400	4500	1500	1530	2550	13800	15700	2.3	394	158	5	95	53 - 81
130.42	1400	4500	1500	1530	2550	14800	15700	1.9	394	158	5	95	53 - 81
142.27	1400	4500	1500	1530	2550	15400	15700	1.6	394	158	5	94	53 - 81
166.47	1400	4500	1500	1530	2550	16700	15700	1.3	394	158	5	94	53 - 81
188.40	1400	4500	1500	1530	2550	17700	15700	0.91	394	158	5	94	53 - 81
198.31	1400	4500	1500	1530	2550	18100	15700	0.82	394	158	5	94	53 - 81
225.79	1400	4500	1500	1530	2550	19300	15700	0.67	394	158	5	93	53 - 81
262.93	1400	4500	1500	1530	2550	20000	15700	0.54	394	158	5	93	53 - 81
281.71	1400	4500	1500	1530	2550	20000	15700	0.47	394	158	5	92	53 - 81

(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.