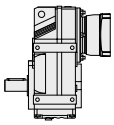
F-055



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
5.18	1400	4468	415	475	705	2020	3460	5.8	120	43	9	97	26-45.6
5.98	1400	4500	420	475	710	2240	3730	4.5	120	43	9	97	26-45.6
6.58	1400	4500	420	480	710	2430	3940	3.8	120	43	8	97	26-45.6
7.73	1400	4500	420	480	710	2760	4310	2.9	120	43	8	97	26-45.6
8.19	1400	4500	420	485	710	2880	4450	2.6	120	43	8	97	26-45.6
9.31	1400	4500	420	460	710	3170	4760	2.0	120	43	8	97	26-45.6
10.64	1400	4500	630	680	1070	2240	4140	3.2	150	47	6	97	26-45.6
12.29	1400	4500	630	680	1070	2580	4530	2.6	150	47	6	97	26-45.6
13.52	1400	4500	630	680	1070	2820	4800	2.2	150	47	6	97	26-45.6
15.88	1400	4500	630	680	1070	3240	5270	1.8	150	47	6	97	26-45.6
16.81	1400	4500	630	680	1070	3400	5440	1.6	150	47	6	97	26-45.6
19.11	1400	4500	630	680	1070	3760	5840	1.3	150	47	6	97	26-45.6
21.17	1400	4500	630	680	1070	4050	6180	1.1	150	47	6	97	26-45.6
24.96	1400	4500	575	680	970	4970	7060	0.84	150	47	6	97	26-45.6
28.45	1400	4500	535	680	900	5690	7760	0.59	150	47	6	97	26-45.6
29.94	1400	4500	545	680	920	5790	7890	0.53	150	47	6	97	26-45.6
34.24	1400	4500	500	680	850	6580	8670	0.43	150	47	6	97	26-45.6
40.13	1400	4500	290	435	490	8750	10500	0.34	150	47	6	96	26-45.6
30.15	1400	4500	590	680	1000	5460	7650	1.3	169	49	7	96	26-46.6
35.79	1400	4500	630	680	1070	5750	8070	0.94	169	49	7	96	26-46.6
38.21	1400	4500	630	680	1070	5980	8180	0.84	169	49	7	96	26-46.6
44.73	1400	4500	630	680	1070	6560	8180	0.64	169	49	7	96	26-46.6
50.10	1400	4500	630	680	1070	7000	8180	0.52	169	49	7	96	26-46.6
58.97	1400	4500	630	680	1070	7660	8180	0.38	169	49	7	95	26-46.6
68.22	1400	4500	630	680	1070	8280	8180	0.31	169	49	6	95	26-46.6
72.98	1400	4500	630	680	1070	8580	8180	0.28	169	49	6	95	26-46.6
83.46	1400	4500	630	680	1070	9190	8180	0.51	171	49	6	95	26-46.6
93.47	1400	4500	630	680	1070	9730	8180	0.42	171	49	6	95	26-46.6
110.01	1400	4500	630	680	1070	10500	8180	0.31	171	49	6	94	26-46.6
127.27	1400	4500	630	680	1070	11300	8180	0.26	171	49	6	94	26-46.6
136.16	1400	4500	630	680	1070	11500	8180	0.23	171	49	6	94	26-46.6
157.09	1400	4500	630	680	1070	11500	8180	0.19	171	49	6	94	26-46.6
183.60	1400	4500	630	680	1070	11500	8180	0.15	171	49	6	93	26-46.6
199.70	1400	4500	630	680	1070	11500	8180	0.13	171	49	6	93	26-46.6

(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.