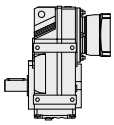
F-085



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
4.12	1400	3924	1460	1940	2480	3020	5980	114.0	465	197	7	97	90 - 126
4.92	1400	4378	1530	1960	2600	3310	6430	85.0	465	197	7	97	90 - 126
5.63	1400	4500	1530	1960	2600	3850	7020	67.0	465	197	7	97	90 - 126
6.65	1400	4500	1530	1970	2600	4550	7790	52.0	465	197	7	97	90 - 126
7.35	1400	4500	1530	1970	2600	5000	8280	44.0	465	197	7	97	90 - 126
8.29	1400	4500	1530	1980	2600	5550	8890	36.0	465	197	7	97	90 - 126
9.58	1400	3924	2880	3090	4890	275	5050	63.0	711	230	7	97	90 - 126
11.46	1400	4378	3000	3090	5100	575	5580	49.0	711	230	7	97	90 - 126
13.12	1400	4500	3000	3090	5100	1300	6370	40.0	711	230	7	97	90 - 126
15.48	1400	4500	3000	3090	5100	2220	7390	32.0	711	230	7	97	90 - 126
17.12	1400	4500	3000	3090	5100	2810	8040	28.0	711	230	7	97	90 - 126
19.31	1400	4500	3000	3090	5100	3540	8840	23.0	711	230	7	97	90 - 126
21.32	1400	4500	3000	3090	5100	4160	9520	20.0	711	230	7	97	90 - 126
23.68	1400	4500	3000	3090	5100	4850	10300	17.0	711	230	7	97	90 - 126
26.50	1400	4500	3000	3090	5100	5610	11100	15.0	711	230	7	97	90 - 126
28.78	1400	4500	2450	3090	4160	8940	13900	13.0	711	230	7	97	90 - 126
33.92	1400	4500	2610	3090	4430	9340	14600	10.0	711	230	7	97	90 - 126
29.20	1400	4500	2510	3090	4260	8740	13800	25.0	833	242	8	96	93 - 126
35.19	1400	4500	2610	3090	4430	9610	14900	19.0	833	242	8	96	93 - 126
39.30	1400	4500	2720	3090	4620	9910	15400	16.0	833	242	8	96	93 - 126
45.28	1400	4500	2820	3090	4790	10500	16200	13.0	833	242	8	96	93 - 126
50.36	1400	4500	2940	3090	4990	10800	16800	11.0	833	242	7	96	93 - 126
56.75	1400	4500	3000	3090	5100	11600	17700	20.0	846	243	7	95	93 - 126
68.40	1400	4500	3000	3090	5100	13300	19600	16.0	846	243	7	95	93 - 126
76.39	1400	4500	3000	3090	5100	14300	19800	14.0	846	243	7	95	93 - 126
88.01	1400	4500	3000	3090	5100	15800	19800	11.0	846	243	7	95	93 - 126
97.89	1400	4500	3000	3090	5100	16900	19800	9.9	846	243	7	95	93 - 126
109.49	1400	4500	3000	3090	5100	18100	19800	8.3	846	243	7	95	93 - 126
123.29	1400	4500	3000	3090	5100	19400	19800	7.0	846	243	7	95	93 - 126
134.16	1400	4500	3000	3090	5100	20400	19800	6.3	846	243	7	95	93 - 126
159.61	1400	4500	3000	3090	5100	22500	19800	4.9	846	243	7	95	93 - 126
179.97	1400	4500	3000	3090	5100	24100	19800	4.0	846	243	7	94	93 - 126
197.20	1400	4500	3000	3090	5100	25300	19800	3.5	846	243	7	94	93 - 126
228.93	1400	4500	3000	3090	5100	27300	19800	2.8	846	243	7	94	93 - 126
255.37	1400	4500	3000	3090	5100	28900	19800	1.8	846	243	7	94	93 - 126
270.68	1400	4500	3000	3090	5100	29800	19800	1.6	846	243	7	93	93 - 126

(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.