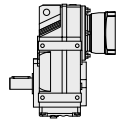


# F-105



## Technical Data

Ratio	n <sub>1N</sub> (1) rpm	n <sub>1Max</sub> (2) rpm	T <sub>2N</sub> (3) N·m	T <sub>2Max</sub> (4) N·m	T <sub>2E</sub> (5) N·m	F <sub>2RMaxH</sub> (6) N	F <sub>2RMaxP</sub> (7) N	J (8) kg·cm <sup>2</sup>	C <sub>H</sub> (6) N·m/'	C <sub>P</sub> (7) N·m/'	Δφ '	η %	M kg
5.03	1400	2797	4600	6240	7820	39000	16400	439.0	1359	722	7	97	230 - 284
6.22	1400	3197	4600	6240	7820	42600	19000	311.0	1359	722	7	97	230 - 284
7.40	1400	3597	4600	6240	7820	45800	21300	236.0	1359	722	7	97	230 - 284
8.37	1400	3924	4800	6240	8160	47400	22000	195.0	1359	722	7	97	230 - 284
9.69	1400	4378	4910	6240	8340	50000	23500	154.0	1359	722	7	97	230 - 284
9.96	1400	2797	6500	8860	11000	47000	21500	280.0	1612	788	5	97	230 - 284
12.33	1400	3197	7000	8860	11900	49800	22600	209.0	1612	788	5	97	230 - 284
14.67	1400	3597	7680	8860	13000	51500	22400	164.0	1612	788	5	97	230 - 284
16.58	1400	3924	7840	8860	13300	53800	23900	138.0	1612	788	5	97	230 - 284
19.20	1400	4378	7840	8860	13300	57400	26500	112.0	1612	788	5	97	230 - 284
21.76	1400	4500	7840	8860	13300	60600	28800	92.0	1612	788	5	97	230 - 284
25.14	1400	4500	7840	8860	13300	64500	31500	76.0	1612	788	5	97	230 - 284
27.57	1400	4500	7840	8860	13300	65000	33300	66.0	1612	788	5	97	230 - 284
33.79	1400	4500	7400	8860	12500	65000	38300	43.0	1612	788	5	97	230 - 284
31.80	1400	3197	7680	8860	13000	65000	36500	125.0	1806	832	6	95	240 - 294
37.61	1400	3597	7680	8860	13000	65000	39500	94.0	1806	832	6	95	240 - 294
43.03	1400	3924	7680	8860	13000	65000	42000	77.0	1806	832	6	95	240 - 294
50.73	1400	4378	7680	8860	13000	65000	45100	62.0	1806	832	6	95	240 - 294
58.12	1400	4500	7680	8860	13000	65000	47800	51.0	1806	832	6	96	240 - 294
67.62	1400	4500	7680	8860	13000	65000	49800	42.0	1806	832	6	96	240 - 294
74.52	1400	4500	7680	8860	13000	65000	49800	37.0	1806	832	6	96	240 - 294
83.99	1400	4500	7680	8860	13000	65000	49800	31.0	1806	832	6	96	240 - 294
88.49	1400	4378	7680	8860	13000	65000	49800	56.0	1823	836	5	95	240 - 294
92.47	1400	4500	7680	8860	13000	65000	49800	27.0	1806	832	6	96	240 - 294
101.38	1400	4500	7680	8860	13000	65000	49800	47.0	1823	836	5	95	240 - 294
117.94	1400	4500	7680	8860	13000	65000	49800	39.0	1823	836	5	95	240 - 294
129.97	1400	4500	7680	8860	13000	65000	49800	34.0	1823	836	5	95	240 - 294
146.49	1400	4500	7680	8860	13000	65000	49800	29.0	1823	836	5	95	240 - 294
161.28	1400	4500	7680	8860	13000	65000	49800	25.0	1823	836	5	95	240 - 294
178.64	1400	4500	7680	8860	13000	65000	49800	19.0	1823	836	5	95	240 - 294
199.31	1400	4500	7680	8860	13000	65000	49800	16.0	1823	836	5	95	240 - 294
215.37	1400	4500	7680	8860	13000	65000	49800	15.0	1823	836	5	94	240 - 294
254.40	1400	4500	7680	8860	13000	65000	49800	12.0	1823	836	5	94	240 - 294

(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.