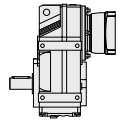


F-125



Technical Data

Ratio	n _{1N} (1) rpm	n _{1Max} (2) rpm	T _{2N} (3) N·m	T _{2Max} (4) N·m	T _{2E} (5) N·m	F _{2RMaxH} (6) N	F _{2RMaxP} (7) N	J (8) kg·cm ²	C _H (6) N·m/'	C _P (7) N·m/'	Δφ '	η %	M kg
4.68	1400	2518	6000	9000	10200	50000	29500	971.0	1988	1174	7	97	385 - 466
5.52	1400	2797	6000	9000	10200	53500	31700	733.0	1988	1174	7	97	385 - 466
6.80	1400	3197	7000	9890	11900	55000	32200	524.0	1988	1174	7	97	385 - 466
7.88	1400	3597	6000	9000	10200	61800	37000	400.0	1988	1174	6	97	385 - 466
8.86	1400	3924	7000	9910	11900	61400	36400	329.0	1988	1174	6	97	385 - 466
10.19	1400	2797	9500	13000	16100	58900	30900	483.0	2523	1342	5	97	385 - 466
12.54	1400	3197	10000	13000	17000	63000	33300	359.0	2523	1342	5	97	385 - 466
14.55	1400	3597	11000	13000	18700	64200	32600	278.0	2523	1342	5	97	385 - 466
16.36	1400	3924	11000	13000	18700	67700	35400	232.0	2523	1342	5	97	385 - 466
18.87	1400	4378	11000	13000	18700	72100	38800	185.0	2523	1342	5	97	385 - 466
21.38	1400	4500	12000	13000	20400	73100	38000	152.0	2523	1342	5	97	385 - 466
24.57	1400	4500	8500	12700	14400	88300	53300	124.0	2523	1342	5	97	385 - 466
26.86	1400	4500	8500	12600	14400	90000	55300	108.0	2523	1342	5	97	385 - 466
25.30	1400	2797	12000	12900	20400	78800	42400	284.0	2861	1432	5	96	400 - 481
31.33	1400	3197	12000	12900	20400	86400	48300	212.0	2861	1432	5	96	400 - 481
37.28	1400	3597	12000	12900	20400	90000	53200	166.0	2861	1432	5	96	400 - 481
42.15	1400	3924	12000	12900	20400	90000	56800	140.0	2861	1432	5	96	400 - 481
48.80	1400	4378	12000	12900	20400	90000	61300	113.0	2861	1432	5	96	400 - 481
55.31	1400	4500	12000	12900	20400	90000	65200	93.0	2861	1432	5	96	400 - 481
63.91	1400	4500	12000	12900	20400	90000	69400	77.0	2861	1432	5	96	400 - 481
70.07	1400	4500	12000	12900	20400	90000	72100	67.0	2861	1432	5	96	400 - 481
75.41	1400	3924	12000	13000	20400	90000	74300	119.0	2898	1442	5	95	400 - 481
87.31	1400	4378	12000	13000	20400	90000	79000	98.0	2898	1442	5	95	400 - 481
98.95	1400	4500	12000	13000	20400	90000	83000	82.0	2898	1442	5	95	400 - 481
114.34	1400	4500	12000	13000	20400	90000	88000	68.0	2898	1442	5	95	400 - 481
125.37	1400	4500	12000	13000	20400	90000	90000	60.0	2898	1442	5	95	400 - 481
153.67	1400	4500	12000	13000	20400	90000	90000	39.0	2898	1442	5	95	400 - 481
170.83	1400	4500	12000	13000	20400	90000	90000	34.0	2898	1442	5	95	400 - 481

(1) Rated input speed.

(2) Maximum Input Speed.

(3) T_{2N} value is calculated at n_{1N}, 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) T_{2Max} 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.