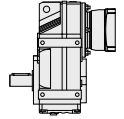


# F-155



## 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
11.92	1400	2500	17300	21625	29000	53620	38300	*	*	*	5	97	753 - 917
13.96	1400	2500	17900	22375	30000	56980	40700	*	*	*	5	97	753 - 917
16.85	1400	2500	18700	23375	32000	60900	43500	*	*	*	5	97	753 - 917
19.77	1400	2500	19400	24250	33000	64540	46100	*	*	*	4	97	753 - 917
22.16	1400	2500	19900	24875	34000	67200	48000	*	*	*	4	97	753 - 917
25.43	1400	2500	20000	25000	34000	72100	51500	*	*	*	4	97	753 - 917
28.60	1400	2500	19100	23875	32000	79240	56600	*	*	*	4	97	753 - 917
35.75	1400	2500	13600	17000	23000	93800	74100	*	*	*	4	97	753 - 917
43.94	1400	2500	11900	14875	20000	93800	84000	*	*	*	4	97	753 - 917
53.55	1400	2500	11000	13750	19000	93800	92400	*	*	*	4	97	753 - 917
27.60	1400	3500	20000	22000	34000	93800	53800	*	*	*	5	95	763 - 927
32.55	1400	3500	20000	22000	34000	93800	58500	*	*	*	5	95	763 - 927
40.06	1400	3500	20000	22000	34000	93800	64900	*	*	*	5	95	763 - 927
46.48	1400	3500	20000	22000	34000	93800	69600	*	*	*	5	95	763 - 927
52.24	1400	3500	20000	22000	34000	93800	73600	*	*	*	5	95	763 - 927
60.25	1400	3500	20000	22000	34000	93800	78500	*	*	*	5	95	763 - 927
68.28	1400	3500	20000	22000	34000	93800	83000	*	*	*	5	95	763 - 927
78.46	1400	3500	20000	22000	34000	93800	88300	*	*	*	5	95	763 - 927
85.80	1400	3500	20000	22000	34000	93800	91800	*	*	*	5	95	763 - 927
96.53	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
108.49	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
125.14	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
141.80	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
162.96	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
178.20	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
217.62	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927
267.43	1400	3500	20000	22000	34000	93800	93800	*	*	*	5	95	763 - 927

(1) Rated input speed.

(2) Maximum Input Speed.

(3) T<sub>2N</sub> value is calculated at n<sub>1N</sub>, 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<sub>2Max</sub> 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.