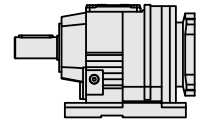


# R-145

## 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>2RMax</sub> (N)	J (6) (Kg·cm <sup>2</sup> )	C (Nm/arcmin)	Δφ (arcmin)	η %	M (Kg)
5.00	1400	2518	8670	10500	14700	49300	642.0	665	8	97	380-453.3
5.89	1400	2797	8670	10500	14700	53200	491.0	665	8	97	380-453.3
7.25	1400	3197	8670	10500	14700	58400	358.0	665	8	97	380-453.3
8.26	1400	2518	13000	13000	22100	49900	591.0	873	6	97	380-453.3
9.74	1400	2797	13000	13000	22100	54400	454.0	873	6	97	380-453.3
11.99	1400	3197	13000	13000	22100	60400	334.0	873	5	97	380-453.3
13.91	1400	3597	12600	13000	21400	63400	250.0	873	5	97	380-453.3
15.64	1400	3924	13000	13000	22100	62700	210.0	873	5	97	380-453.3
18.04	1400	4378	10500	13000	17800	67000	168.0	873	5	97	380-453.3
20.44	1400	4500	12000	13000	20400	64600	140.0	873	5	97	380-453.3
24.19	1400	2797	11900	13000	20200	64700	291.0	913	6	96	390-469.3
29.95	1400	3197	13000	13000	22100	62700	214.0	913	6	96	390-469.3
35.64	1400	3597	13000	13000	22100	62700	166.0	913	6	96	390-469.3
40.29	1400	3924	13000	13000	22100	62700	136.0	913	6	96	390-469.3
46.65	1400	4378	13000	13000	22100	62700	110.0	913	6	96	390-469.3
52.87	1400	4500	13000	13000	22100	62700	91.0	913	6	96	390-469.3
61.09	1400	4500	13000	13000	22100	62700	75.0	913	6	96	390-469.3
66.99	1400	4500	13000	13000	22100	62700	66.0	913	6	96	390-469.3
72.09	1400	3924	13000	13000	22100	62700	118.0	917	6	96	390-469.3
83.47	1400	4378	13000	13000	22100	62700	97.0	917	6	96	390-469.3
94.60	1400	4500	13000	13000	22100	62700	81.0	917	6	96	390-469.3
109.31	1400	4500	13000	13000	22100	62700	68.0	917	5	96	390-469.3
119.86	1400	4500	13000	13000	22100	62700	60.0	917	5	96	390-469.3
146.91	1400	4500	13000	13000	22100	62700	38.0	917	5	96	390-469.3
163.31	1400	4500	13000	13000	22100	62700	34.0	917	5	96	390-469.3

(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) Varies depending on input.