

	Symbol	Unit	TMS12	TMS14	TMS16	TMS18
Peak torque for 1 second	T _p	Nm	12.5	25	37.5	50
Continuous torque (coil temp. 80°C)	T _c	Nm	5	10	15	20
Stall torque (coil temp. 80°C)	T _s	Nm	3.5	7	10.5	14
Moment of inertia of rotating parts	J	kgm ²	0.006	0.0065	0.007	0.0075
Mass	M _m	kg	5.7	7	8.3	9.5
Max. axial load	F _a	N	3700	3700	3700	3700
Max. radial load	F _r	N	1700	1700	1700	1700
Max. speed (at 400 V _{AC}) for 1 second	n _{max}	rpm	1000	1000	1000	1000
Nominal speed (at 400 V _{AC} and 30% DR)		rpm	500	500	500	500
Accuracy		arc sec	150	150	150	150
Repeatability		arc sec	6	6	6	6
Radial run-out		mm	0.03	0.03	0.03	0.03
Axial run-out		mm	0.03	0.03	0.03	0.03
Height	H	mm	100	120	140	160
Protection class			IP40			