

	Symbol	Unit	TMS03	TMS07
Peak torque for 1 second	T_p	Nm	7.7	15.5
Continuous torque (coil temp. 80°C)	T_c	Nm	3.1	6.2
Stall torque (coil temp. 80°C)	T_s	Nm	2.2	4.3
Moment of inertia of rotating parts	J	kgm ²	0.003	0.006
Mass	M_m	kg	4	7
Max. axial load	F_a	N	3700	3700
Max. radial load	F_r	N	820	820
Max. speed (at 400 V _{AC}) for 1 second	n_{max}	rpm	1000	1000
Nominal speed (at 400 V _{AC} and 30% DR)		rpm	500	500
Accuracy		arc sec	150	150
Repeatability		arc sec	6	6
Radial run-out		mm	0.03	0.03
Axial run-out		mm	0.03	0.03
Height	H	mm	117.5	150
Protection class			IP40	