

NM4-2006 (MT22R2)
Permanent Magnet D. C. Servomotors
TECHNICAL DATA

Parameter	Units	(R2-24)	(R2-19)	(R2-10)
		A	T	N
General				
Voltage Gradient No Load	V/1000/min	25	19	10
Max. Motor EMF	V	110	95	75
Max. Speed	min ⁻¹	4400	4800	5000
Continuous Stall Torque	Nm	1,5	1,2	1,0
Continuous Stall Current	A	6,5	7,0	11
Armature Polar Moment of Inertia	Kgm ²	1,6x10 ⁻⁴	1,6x10 ⁻⁴	1,6x10 ⁻⁴
Current at Peak Torque	A	35	40	40
Peak Stall Torque	Nm	8,2	7,2	3,7
Torque Constant K _T	Nm/A	0,238	0,179	0,095
Viscous Damping	N/krpm	0,02	0,02	0,02

Winding

Armature Resistance Less Brushes	Ohm	1,3	0,81	0,24
Armature Inductance	mH	1,6	0,95	0,31
Static Friction Torque	Nm	0,05	0,05	0,05
Motor Weight	Kg	3,4	3,4	3,4

Tachometer

Voltage Gradient	V/1000/min ⁻¹	7,0 / 9,5 / 14		
Ripple	%	3		

Brake

Voltage	V	24		
Power	W	10		
Holding Torque	Nm	2,0		
Weight	kg	0,8		

