

**NM4-2005 (MT22G2)**  
**Permanent Magnet D. C. Servomotors**

**TECHNICAL DATA**

Parameter	Units	(G2-19)	(G2-10)
		<b>A</b>	<b>M</b>
<b>General</b>			
Voltage Gradient No Load	V/1000/min	19	10
Max. Motor EMF	V	95	50
Max. Speed	min <sup>-1</sup>	4800	4500
<b>Continuous Stall Torque</b>	<b>Nm</b>	<b>1</b>	<b>0,78</b>
<b>Continuous Stall Current</b>	<b>A</b>	<b>5,7</b>	<b>8</b>
Armature Polar Moment of Inertia	Kgm <sup>2</sup>	2,9x10 <sup>-4</sup>	2,9x10 <sup>-4</sup>
<b>Current at Peak Torque</b>	<b>A</b>	<b>20</b>	<b>40</b>
Peak Stall Torque	Nm	3,6	4,0
Torque Constant K <sub>T</sub>	Nm/A	0,184	0,103
Viscous Damping	N/krpm	0,015	0,015

**Winding**

Armature Resistance Less Brushes	Ohm	1,1	0,42
Armature Inductance	mH	1,35	0,47
Static Friction Torquet	Nm	0,045	0,045
Motor Weight	Kg	2,9	2,9

**Tachometer**

Voltage Gradient	V/1000/min <sup>-1</sup>	7,0 / 9,5 / 14,0
Ripple	%	3

**Bremse**

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

