



MOTOR SPECIFICATION		
Voltage	V DC	6.3
Current per Winding	A	0.3
Resistance per Phase (25°C)	$\pm 15\% \Omega$	21
Inductance per Phase (1 kHz)	$\pm 20\% \text{ mH}$	4.2
Holding Torque	Nm	0.0062
Step Angle	$\pm 5\% \text{ }^\circ$	1.8
Rotor Inertia	kg m^2	0.58×10^{-6}

TYPE OF CONNECTION		
Bipolar	Wire Colour	Winding
A	BK	[Symbol]
A\	GN	
B	RD	[Symbol]
B\	BU	

Max. Axial Force F_a	N	1
Max. Radial Force F_r ($a_2 = 20 \text{ mm}$)	N	3.9
Axial Play	$F_a = 4 \text{ N mm}$	0.08
Radial Play	$F_r = 4 \text{ N mm}$	0.02

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	$^\circ \text{C}$	-20 ... 50
Max. Temperature Rise (at standstill - 2 phases energized)	$^\circ \text{C}$	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	M Ω	100
Dielectric Strength (for 1 min - coil to case)	V AC	250

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
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