



MOTOR SPECIFICATION		
Voltage	V DC	4.56
Current per Winding	A	1.2
Resistance per Phase (25°C)	±15% Ω	3.8
Inductance per Phase (1 kHz)	±20% mH	5.2
Holding Torque	Nm	0.32
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	4.3 x10 ⁻⁶

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-10 ... 50
Max. Temperature Rise (at standstill - 2 phases energized)	°C	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

TYPE OF CONNECTION		
Series	Pin No.	Winding
A	2	
A\	3	
B	4	
B\	5	

A-Shaft		Preload Spring		B-Shaft	
Fa	Fr				
ax					
Max. Axial Force Fa	N	58			
Max. Radial Force Fr (a1 = 5 mm)	N	58			
Max. Radial Force Fr (a2 = 20 mm)	N	20			
Axial Play	Fa = 4.5 N	mm	0.08		
Radial Play	Fr = 4.5 N	mm	0.02		

* PIN 1 AND PIN 6 CONNECT WITH HOUSING OF MOTOR

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.3 kg
			Date	Name
			Drawn	04.12.2017
			Reviewed	20.08.2020
			Released	20.08.2020
01	Dimension added	Schneid_A	20.08.2020	
REV	Rev. Text	Name	Date	

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