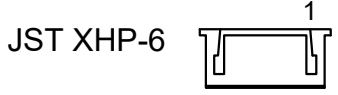


MOTOR SPECIFICATION		CONNECTION	
		UNIPOLAR	SERIES
Voltage	V DC	2.66	
Current per Winding	A	0.95	0.67
Resistance per Phase (25°C)	±15% Ω	2.8	5.6
Inductance per Phase (1 kHz)	±20% mH	0.85	3.4
Holding Torque	Nm	0.043	0.061
Step Angle	±5% °	1.8	
Rotor Inertia	kg m ²	0.9	x10 ⁻⁶



TYPE OF CONNECTION				
Unipolar	Series	Pin No.	Wire Col.	Winding
A	A	1	BK	A
COM		5	YE	COM
A\	A\	3	GN	A\
B	B	2	RD	B
COM		6	WH	COM
B\	B\	4	BU	B\

A-Shaft		Preload Spring		B-Shaft	
Fa	Fr				
ax					
Max. Axial Force	Fa	N		7	
Max. Radial Force	Fr (a1 = 5 mm)	N		58	
Max. Radial Force	Fr (a2 = 20 mm)	N		20	
Axial Play	Fa = 10 N	mm		0.075	
Radial Play	Fr = 5.0 N	mm		0.025	

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

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Replacement for drawing from 21.02.14	Weight: ±10% 0.11 kg
			Date	Name	
			Drawn	29.11.2023	Schneid_A
			Reviewed	06.12.2023	Reith_S
			Released	06.12.2023	Reith_S
03	modified prod. process	Schneid_A	07.12.2023		
REV	Rev. Text	Name	Date		

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State: Released	Rev: 03 CONFIDENTIAL