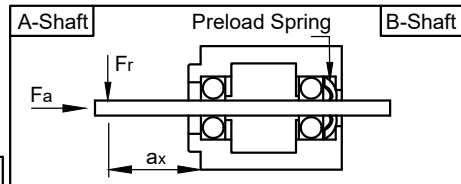


MOTOR SPECIFICATION		
Voltage	V DC	3.9
Current per Winding	A	0.6
Resistance per Phase (25°C)	±15% Ω	6.5
Inductance per Phase (1 kHz)	±20% mH	1.7
Holding Torque	Nm	0.018
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	0.2 × 10 ⁻⁶

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			
Bipolar	Pin No.	Wire Col.	Winding
A	1	BK	[Diagram]
A\	2	GN	
B	3	RD	[Diagram]
B\	4	BU	



Max. Axial Force F_a	N	4.0
Max. Radial Force F_r ($a_1 = 5$ mm)	N	30
Max. Radial Force F_r ($a_2 = 20$ mm)	N	8
Axial Play $F_a = 10$ N	mm	0.075
Radial Play $F_r = 5.0$ N	mm	0.025

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Replacement for drawing from 02.06.06		Weight: ±10% 0.06 kg	
			Date	Name	ST2018S0604-B		
			Drawn	26.10.2023			Kolev_I
			Reviewed	11.12.2023			Reith_S
			Released	11.12.2023			Reith_S
07	modified prod. process	Kolev_I	11.12.2023	20002140		A4 Page 1	
REV	Rev. Text	Name	Date				

