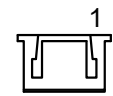


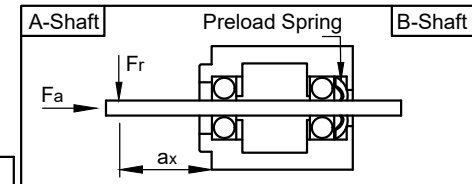
MOTOR SPECIFICATION		
Voltage	V DC	3.22
Current per Winding	A	1.4
Resistance per Phase (25°C)	±15% Ω	2.3
Inductance per Phase (1 kHz)	±20% mH	1.8
Holding Torque	Nm	0.117
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	1.8 x 10 ⁻⁶

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

JST XHP-4



TYPE OF CONNECTION			
Bipolar	Pin No.	Wire Col.	Winding
A	1	BK	
A\	2	GN	
B	3	RD	
B\	4	BU	



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

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Replacement for drawing from 02.08.11	Weight: ±10% 0.25 kg
			Date	Name	ST2818L1404-B
			Drawn	Schneid_A	
			Reviewed	Reith_S	
			Released	Reith_S	
06	modified prod. process	Schneid_A	06.12.2023	20002184	
REV	Rev. Text	Name	Date	State: Released	
				Rev: 06	CONFIDENTIAL

