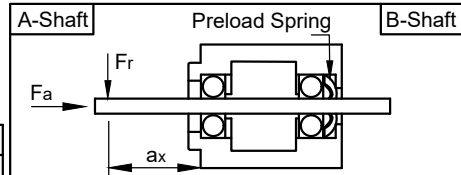


Connector: MOLEX 51065-0600
 Contact: MOLEX 50212-8000

MOTOR SPECIFICATION		
Voltage	V DC	2.85
Current per Winding	A	1.5
Resistance per Phase (25°C)	±15% Ω	1.9
Inductance per Phase (1 kHz)	±20% mH	1.9
Holding Torque	Nm	0.18
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	1.8 × 10 ⁻⁶

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-20 ... 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	[Symbol]
A\	3	GN	
B	4	RD	[Symbol]
B\	6	BU	



Max. Axial Force Fa	N	7.0
Max. Radial Force Fr (a1 = 5 mm)	N	28 max.
Axial Play	Fa = 4.0 N mm	0.08
Radial Play	Fr = 4.0 N mm	0.02

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
			Date
			Name
			Drawn
			22.02.2023
			Schneid_A
			Reviewed
			23.02.2023
			Reith_S
			Released
			23.02.2023
			Reith_S
01	adjust dimension	Reith_S	28.02.2023
REV	Rev. Text	Name	Date

Weight: ~0.2 kg	
SC2818L1504-B	
20001894	
State: Released	Rev: 01
CONFIDENTIAL	A4 Page 1

