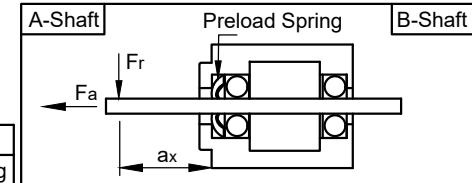


Connector: JST B6P-VH



Max. Axial Force F_a	N	15
Max. Radial Force F_r ($a_2 = 20$ mm)	N	75
Axial Play	$F_a = 4.5$ N	mm 0.08
Radial Play	$F_r = 4.5$ N	mm 0.02

TYPE OF CONNECTION		
Bipolar	Pin No.	Winding
A	1	[Symbol]
A\	3	
B	4	[Symbol]
B\	6	

MOTOR SPECIFICATION		
Voltage	V DC	2.1
Current per Winding	A	2.8
Resistance per Phase (25°C)	±15% Ω	0.78
Inductance per Phase (1 kHz)	±20% mH	1.8
Holding Torque	Nm	0.6
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	12 x 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	M Ω	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
			Date
			Name
			Drawn 30.06.2021
			Reviewed 02.07.2021
			Released 02.07.2021
REV	Rev. Text	Name	Date

Weight: ~0.45 kg

SCA5618X2804-L

20001098

State: Released

Rev: 00

CONFIDENTIAL

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