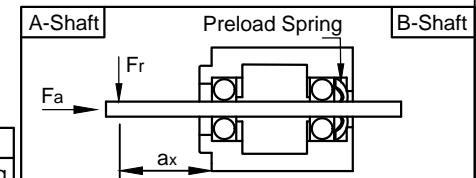


Connector: JST B6P-VH



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

Max. Axial Force F_a	N	15
Max. Radial Force F_r ($a_2 = 20$ mm)	N	75
Axial Play $F_a = 4.0$ N	mm	0.08
Radial Play $F_r = 4.0$ N	mm	0.02

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	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.45 kg
		Date	Name	SCA5618X2804-A2
		Drawn	23.04.2019 Schneid_A	
		Checked	24.04.2019 Hofstet_M	
		Approved	----	
Nanotec PLUG & DRIVE				01200307
REV	Rev. Text	Name	Rel. Date	State: Sample
				Rev: -

