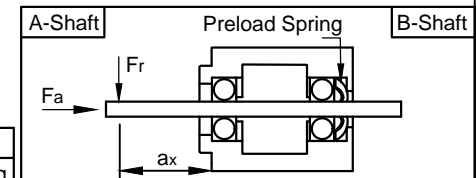


Connector: JST B6P-VH



Max. Axial Force F_a	N	15
Max. Radial Force F_r ($a_2 = 20$ mm)	N	75
Axial Play	$F_a = 4.0$ N mm	0.08
Radial Play	$F_r = 4.0$ 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	4.2
Resistance per Phase (25°C)	±15% Ω	0.5
Inductance per Phase (1 kHz)	±20% mH	1.6
Holding Torque	Nm	1.4
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	30 × 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: 0.72 kg
		Date	Name	SCA5618M4204-B
		Drawn	Schneid_A	
		Checked	Knoll_J	
		Approved	----	
Nanotec PLUG & DRIVE				01200256
REV	Rev. Text	Name	Rel. Date	State: Sample
			Rev: -	P