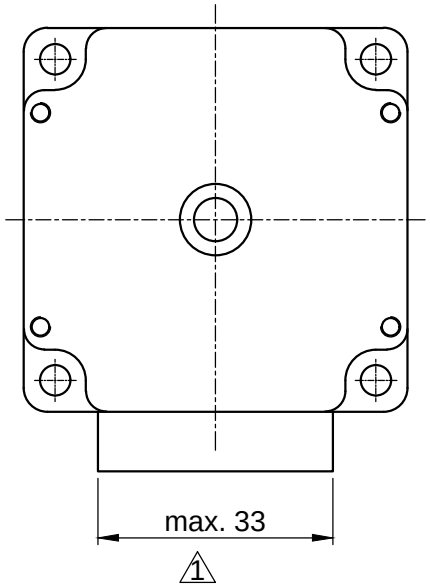
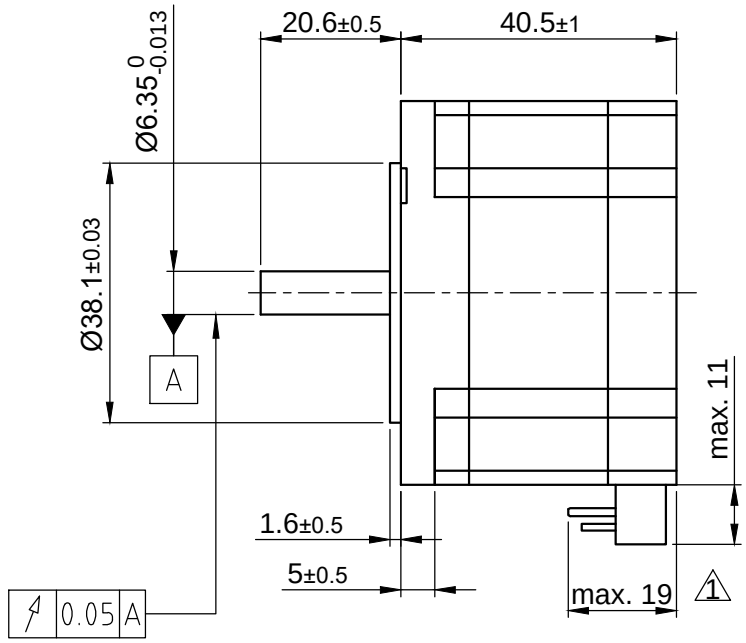
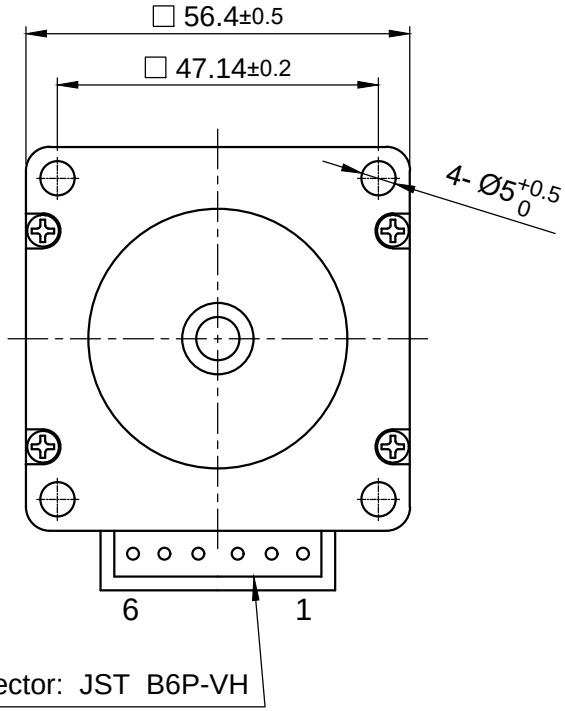
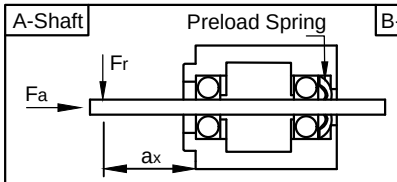






MOTOR SPECIFICATION			
Voltage	V DC	1.5	
Current per Winding	A	4.2	
Resistance per Phase (25°C) ±15%	Ω	0.35	
Inductance per Phase (1 kHz) ±20%	mH	0.8	
Holding Torque	Nm	0.6	
Step Angle ±5%	°	1.8	
Rotor Inertia	kg m²	12	x10^{-6}

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



Max. Axial Force Fa		N	15
Max. Radial Force Fr (a2 = 20 mm)		N	75
Axial Play	Fa = 4.0 N	mm	0.08
Radial Play	Fr = 4.0 N	mm	0.02

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

					Date	Name
				Drawn	23.04.2019	Schneid_A
				Checked	24.04.2019	Hofstet._M
				Approved	16.10.2019	Reith_S
01	change dimension conn.	Schneid_A	16.10.2019			
REV	Rev. Text	Name	Rel. Date			

Nanotec® PLUG & DRIVE

Weight: 0.45 kg

SCA5618X4204-A2

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State: Released | Rev: 01 | P