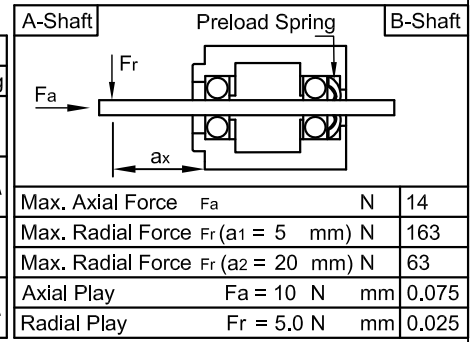


MOTOR SPECIFICATION	CONNECTION		
	UNIPOLAR	SERIES	PARALLEL
Voltage	V DC	2.04	
Current per Winding	A	3.0	2.12
Resistance per Phase (25°C) $\pm 15\%$	Ω	0.68	1.36
Inductance per Phase (1 kHz) $\pm 20\%$	mH	0.8	3.2
Holding Torque	Nm	0.78	1.1
Step Angle $\pm 5\%$	$^\circ$	1.8	
Rotor Inertia	kg m ²	27.5	$\times 10^{-6}$

TYPE OF CONNECTION				
Unipolar	Series	Parallel	Wire Colour	Winding
A	A	A	BU/WH	A
COM			BU	
A\	A\	A\	RD/WH	A\
B	B	B	RD	B
COM			GN/WH	B
B\	B\	B\	GN	B\
			BK/WH	
			BK	



GENERAL MOTOR SPECIFICATION	
Ambient Temperature	$^\circ\text{C}$ -10 ... 50
Max. Temperature Rise (at standstill - 2 phases energized)	$^\circ\text{C}$ 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	04.12.2017
		Checked	06.12.2018
		Approved	06.12.2018
05	change res./ind. / tol.	Schneid_A	06.12.2018
REV	Rev. Text	Name	Rel. Date

Weight: 0.6 kg	
ST6018X3008-A	
01000962	
State: Released	Rev: 05

