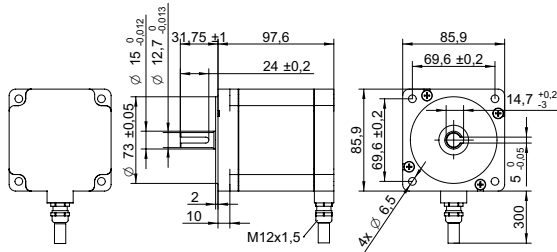


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION



Example: SHW8698-18-600-IP65

ACCESSORIES

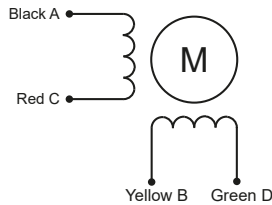


● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

STEPPING MOTOR DATA		C
Step angle <sup>1</sup>	°	1.8
Step angle accuracy	%	5
Shaft material		SUS303 ●
Bearing type		Ball bearing ●
Radial play <sup>2</sup>	mm	0.02
Axial play <sup>2</sup>	mm	0.08
Max. radial force <sup>3</sup>	N	130
Max. axial force	N	36
Dielectric strength <sup>4</sup>	V	750
Insulation resistance <sup>5</sup>	MΩ	100
Operating temperature	°C	-25 to 50 ●
Storage temperature	°C	-20 to 85
Relative humidity <sup>6</sup>	%	85
Insulation class		B
IP rating		IP65 ●
Harness		YGZF-S 4x0.75 ●
Harness length	mm	300

MODEL-SPECIFIC STEPPING MOTOR DATA		C
Model		SHW8698-18-600-IP65
Graph		A
Holding torque	Nm	6.0
Rotor inertia	gcm <sup>2</sup>	1900
Number of phases		2
Voltage per phase	V	3.0
Current per phase	A	6.0
Resistance per phase <sup>7</sup>	Ω	0.5
Inductance per phase <sup>8</sup>	mH	3.7
Length	mm	97.6
Weight	kg	4

EXCITATION SEQUENCE TABLE



CW	A	C	B	D
1	●		●	
2		●	●	
3		●		●
4	●			●
1	●		●	

● = +Polarity

NOTES

1. Full step.
2. Max. 4 N.
3. 20 mm from flange.
4. AC, 60 seconds.
5. Measured at 500 V.
6. No condensation.
7. Measured at 20 °C.
8. Measured at 1 kHz.