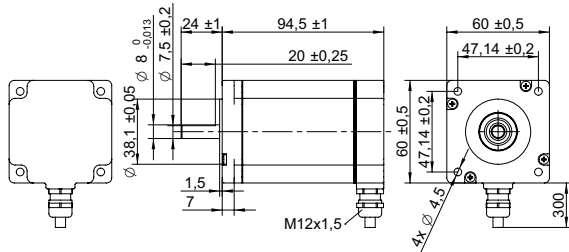


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION



Example: SHW6095-18-280-IP65

ACCESSORIES

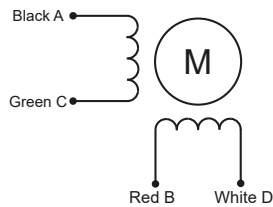


● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

STEPPING MOTOR DATA		C
Step angle ¹	°	1.8
Step angle accuracy	%	5
Shaft material		SUS303 ●
Bearing type		Ball bearing ●
Radial play ²	mm	0.02
Axial play ²	mm	0.08
Max. radial force ³	N	75
Max. axial force	N	15
Dielectric strength ⁴	V	500
Insulation resistance ⁵	MΩ	100
Operating temperature	°C	-20 to 50 ●
Storage temperature	°C	-20 to 85
Relative humidity ⁶	%	85
Insulation class		B
IP rating		IP65 ●
Harness		UL2464 AWG22 ●
Harness length	mm	300

MODEL-SPECIFIC STEPPING MOTOR DATA		C
Model		SHW6095-18-280-IP65
Graph		A
Holding torque	Nm	3.0
Rotor inertia	gcm ²	840
Number of phases		2
Voltage per phase	V	4.2
Current per phase	A	2.8
Resistance per phase ⁷	Ω	1.5
Inductance per phase ⁸	mH	6.8
Length	mm	94.5
Weight	kg	1.4

EXCITATION SEQUENCE TABLE



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

● = +Polarity

NOTES

- Full step.
- Max. 4 N.
- 20 mm from flange.
- AC, 60 seconds.
- Measured at 500 V.
- No condensation.
- Measured at 20 °C.
- Measured at 1 kHz.