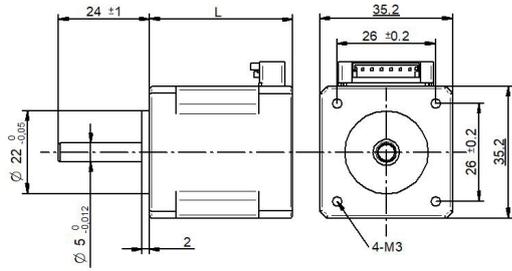


SHC35-18 Series connector □ 35 mm

DRAWING
(mm)



PHOTO



MODEL NAME DESIGNATION

SHW3520 - STEP ANGLE - CURRENT

Example: SHW35-09-100



OPTIONS MOTOR DRIVERS AND POWER SUPPLIES



MOTOR FEATURES

Step angle	1.8
Step angle accuracy	± 5% full step no load
Shaft material	X8CrNiS18-9 303
Bearing type	Ball bearing
Radial play	0.02 mm 450 g
Axial play	0.08 mm 450 g
Max. radial force	28N 20 mm from shaft
Max. axial force	10N
Dielectric strength	600VAC 1 sec.
Insulation resistance	100MΩ 500VDC
Ambient temperature	-20° - (+50°)
Insulation class	Class B
IP rating	IP30
Connection harness	UL 1061 AWG26 300 mm
Connector	JST B6B-EH-A

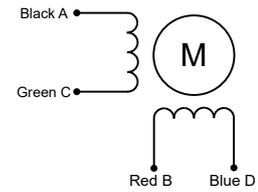
CUSTOMIZATION EXAMPLES

- Shaft configurations
- Bearing type and preload
- Temperature range
- IP rating
- Winding and performance optimization
- Cabling and harness
- Gear box to motor combinations
- Encoder to motor combinations

OPTIONS

- Stepper motor drivers Transmotec DS series
- Power supplies Transmotec LRS series

EXCITATION SEQUENCE TABLE



PIN	2	4	3	5
CW	A	C	B	D
1	●		●	
2		●	●	
3		●		●
4	●			●
1	●		●	

● = + Polarity

MOTOR DATA

Graph	A	B		
Motor model	SHC3538-18-120	SHC3544-18-120		
Holding torque mNm	230	280		
Detent torque mNm	18	20		
Rotor inertia gcm ²	20	28		
Current phase A	1.20	1.20		
Resistance phase Ω	3.20	3.20		
Inductance mH	4	5.2		
Length mm	38.0	44.0		
Weight Kg	0.210	0.230		

SPEED | TORQUE PERFORMANCE GRAPH PULL OUT

Graph	A	B		
Supply voltage VDC	24	24		
Current phase A	1.2	1.2		

