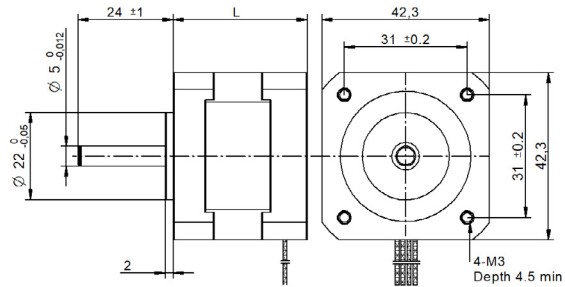


DRAWING
(mm)



SHW3520	-	STEP ANGLE	-	CURRENT
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CE RoHS Reach

Step angle	0.9
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 leads	UL 1430 AWG26 300 mm
Connector	Not in standard version

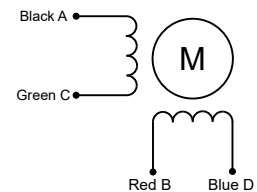
- Shaft configurations
- Bearing type and preload
- Temperature range
- IP rating
- Winding and performance optimization
- Cabling and harness
- Gear box to motor combinations
- Encoder to motor combinations

OPTIONS

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

Power supplies Transmotec LRS series

Graph	A	B	C	
Motor model	SHW4234-09-133	SHW4240-09-168	SHW4247-09-168	
Holding torque mNm	220	330	440	
Detent torque mNm	20	22	25	
Rotor inertia gcm²	35	54	68	
Current phase A	1.33	1.68	1.68	
Resistance phase Ω	2.10	1.80	1.80	
Inductance mH	4.2	4.1	5	
Length mm	33.5	39.5	47.5	
Weight Kg	0.200	0.220	0.250	



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

● = + Polarity

[illegible]