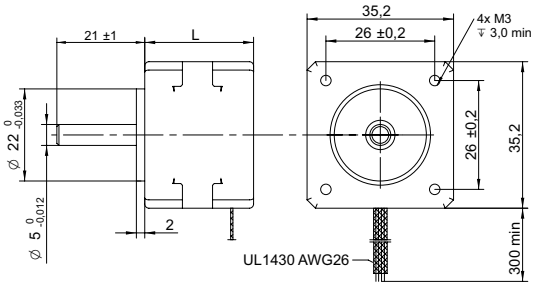
SHW35-18 | □ 35 x 35 mm | HYBRID STEPPING MOTOR

DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

SHW35	–	STEP ANGLE	–	CURRENT

Example: SHW3526-18-028

OPTIONS DRIVER AND POWER SUPPLY



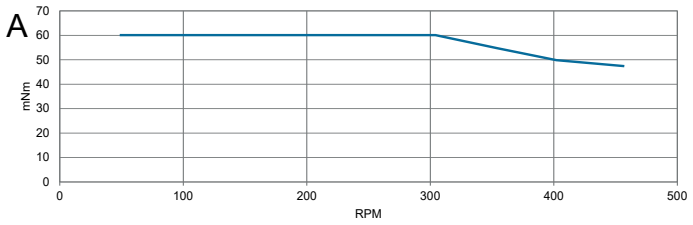
● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

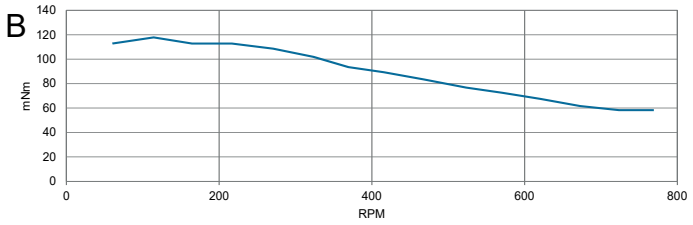
COMMON MOTOR DATA

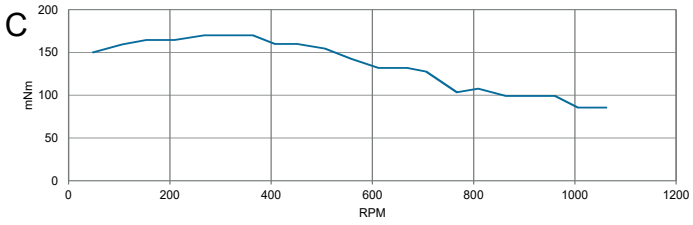
			C
Step angle	°	1.8	
Step angle accuracy[1]	%	± 5	
Shaft material		X8CrNiS18-9 | SUS303	●
Bearing type		Ball bearing	●
Radial play[2]	mm	0.02	
Axial play[2]	mm	0.08	
Max. radial force[3]	N	28	
Max. axial force	N	10	
Dielectric strength[4]	V	600	
Insulation resistance[5]	MΩ	100	
Operating temperature	°C	-20 to 50	●
Insulation class		Class B	
IP rating		IP30	●
Connection harness		UL 1430 AWG26 | 300 mm	●
Connector		Not in standard	●

MODEL-SPECIFIC MOTOR DATA

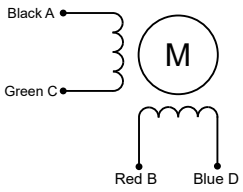
Model		SHW3526-18-028	SHW3528-18-050	SHW3536-18-100
Graph		A	B	C
Holding torque	mNm	70	100	140
Detent torque	mNm	6	8	10
Rotor inertia	gcm²	10	11	14
Current | phase	A	0.28	0.5	1
Resistance | phase	Ω	26	20	2.7
Inductance	mH	27	14	4.3
Length | L	mm	26	28	36
Weight	kg	0.13	0.14	0.18







EXCITATION SEQUENCE TABLE



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

● = +Polarity

SPEED | TORQUE PERFORMANCE GRAPH PULL OUT

Graph		A	B	C
Supply voltage	V	24	24	24
Current | phase	A	0.35	0.5	1

NOTES

1. Full step no load.
2. 450 g load.
3. 20 mm from shaft.
4. AC, 1 second.
5. 500 V, DC.

© Copyright Transmotec

EU: +46 8 792 35 30
US: +1-339-234-9200
info@transmotec.com