

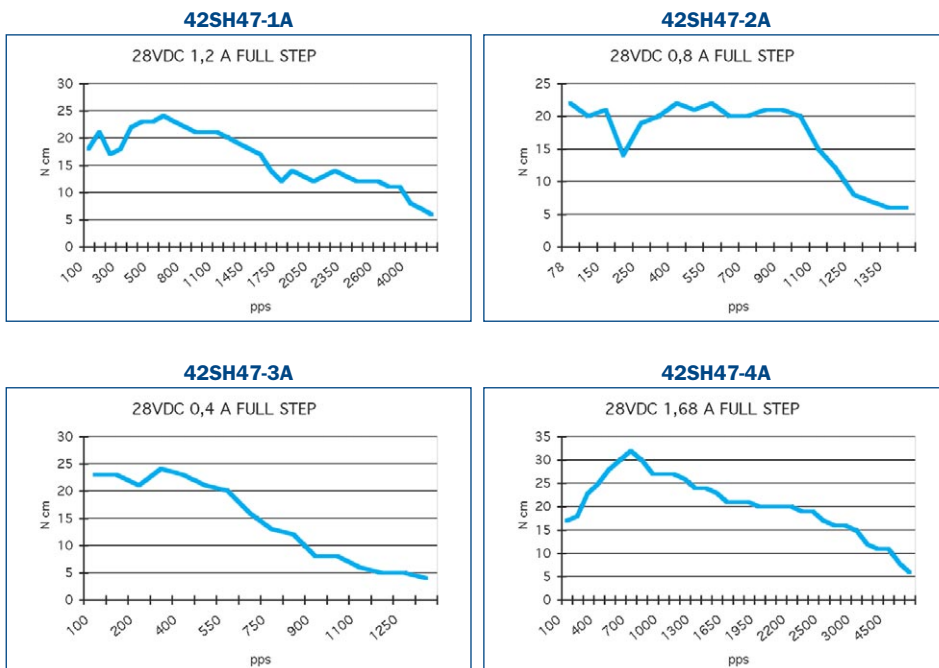
Dimensions in mm.

Specifications

MODEL		42SH47-1A	42SH47-2A	42SH47-3A	42SH47-4A
1	STEP ANGLE	1,8°	1,8°	1,8°	1,8°
2	STEP ANGLE ACCURACY (FULL STEP, NO LOAD)	%	± 5%	± 5%	± 5%
3	RATED VOLTAGE	V	4	6	12
4	CURRENT/PHASE	A	1,2	0,8	0,4
5	RESISTANCE/PHASE	Ω	3,3	7,5	30
6	INDUCTANCE/PHASE	mH	2,8	6,3	25
7	DETENT TORQUE	mNm	25	25	25
8	HOLDING TORQUE	Ncm	36	31,7	31,7
9	ROTOR INERTIA	g-cm²	68	68	68
10	WEIGHT	Kg	0,35	0,35	0,35
11	NUMBER OF LEADS	N°.	6	6	4

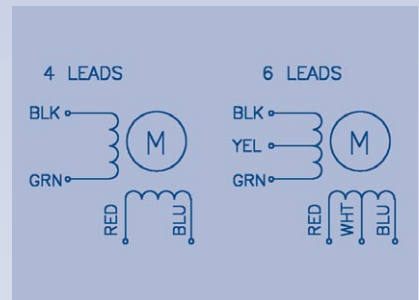
42SH...-A single shaft • 42SH...-B double shaft

Speed vs. Torque Characteristics



Characteristics

- RESISTANCE ACCURACY**
± 10%
- INDUCTANCE ACCURACY**
± 20%
- TEMPERATURE RISE**
80° C max. (rated current, 2 phase on)
- AMBIENT TEMPERATURE**
-10° C - + 50° C
- INSULATION RESISTANCE**
100 M Ω min., 500 VDC
- DIELECTRIC STRENGTH**
500 VAC for one minute
- SHAFT RADIAL PLAY**
0,06 max. (450 g-load)
- SHAFT AXIAL PLAY**
0,08 max. (450 g-load)



AVAILABLE OPTIONS

- Motor modifications:**
custom winding, special bearing, special tap.
- Shaft modifications:**
flat, pinion, keyway, length.
- Leadwire modifications:**
wire type, wire color, wire length, connector installation.