

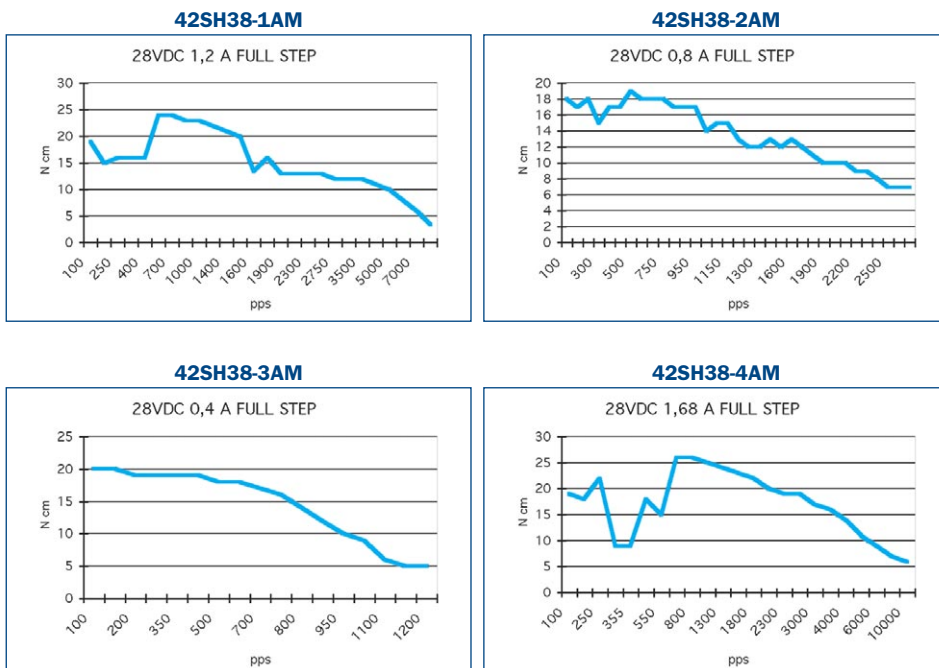
Dimensions in mm.

Specifications

MODEL		42SH38-1AM	42SH38-2AM	42SH38-3AM	42SH38-4AM
1	STEP ANGLE	0,9°	0,9°	0,9°	0,9°
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	3,2	6,7	30
7	DETENT TORQUE	mNm	22	22	22
8	HOLDING TORQUE	Ncm	25,9	25,9	25,9
9	ROTOR INERTIA	g-cm²	54	54	54
10	WEIGHT	Kg	0,28	0,28	0,28
11	NUMBER OF LEADS	N°.	6	6	4

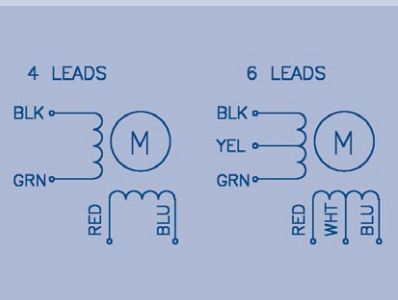
42SH...-A single shaft • 42SH...-B double shaft

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.