

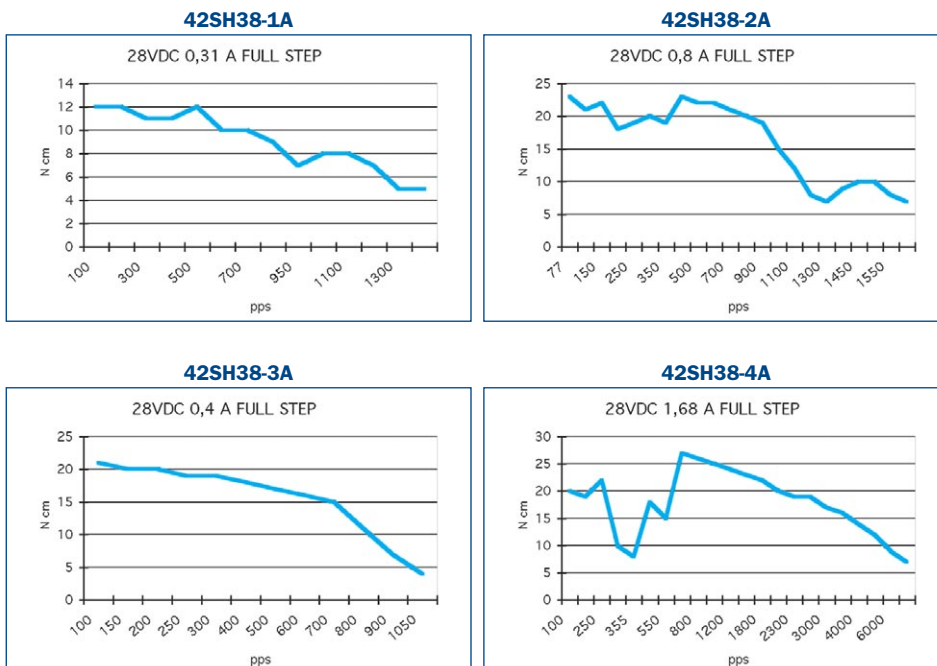
Dimensions in mm.

### Specifications

MODEL		42SH38-1A	42SH38-2A	42SH38-3A	42SH38-4A
1	STEP ANGLE	1,8°	1,8°	1,8°	1,8°
2	STEP ANGLE ACCURACY (FULL STEP, NO LOAD) %	± 5%	± 5%	± 5%	± 5%
3	RATED VOLTAGE V	4	6	12	2,8
4	CURRENT/PHASE A	1,2	0,8	0,4	1,68
5	RESISTANCE/PHASE Ω	3,3	7,5	30	1,65
6	INDUCTANCE/PHASE mH	3,2	6,7	30	3,2
7	DETENT TORQUE mNm	22	22	22	22
8	HOLDING TORQUE Ncm	25,9	25,9	25,9	36
9	ROTOR INERTIA g-cm <sup>2</sup>	54	54	54	54
10	WEIGHT Kg	0,28	0,28	0,28	0,28
11	NUMBER OF LEADS N°.	6	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

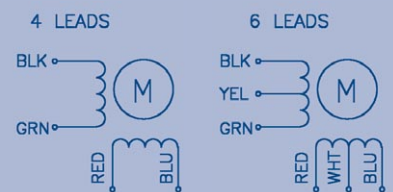
500 VAC for one minute

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.