

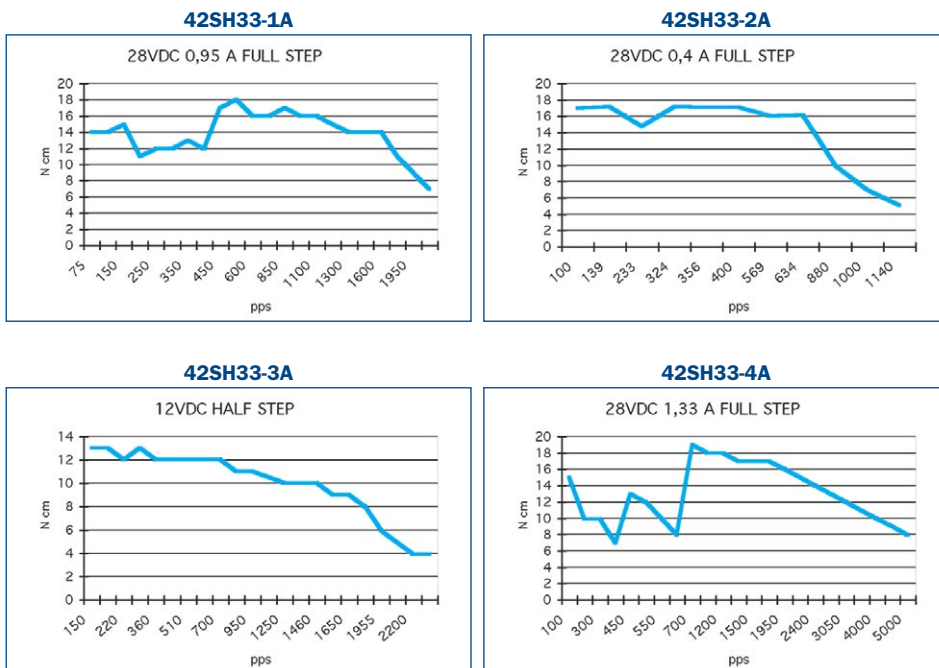
Dimensions in mm.

Specifications

| MODEL | | 42SH33-1A | 42SH33-2A | 42SH33-3A | 42SH33-4A |
|-------|--|-----------|-----------|-----------|-----------|
| 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 | 9,6 | 12 | 2,8 |
| 4 | CURRENT/PHASE A | 0,95 | 0,4 | 0,31 | 1,33 |
| 5 | RESISTANCE/PHASE Ω | 4,2 | 24 | 38,5 | 2,1 |
| 6 | INDUCTANCE/PHASE mH | 2,5 | 15 | 21 | 2,5 |
| 7 | DETENT TORQUE mNm | 20 | 20 | 20 | 20 |
| 8 | HOLDING TORQUE Ncm | 15,8 | 15,8 | 15,8 | 22 |
| 9 | ROTOR INERTIA g-cm ² | 35 | 35 | 35 | 35 |
| 10 | WEIGHT Kg | 0,22 | 0,22 | 0,22 | 0,22 |
| 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

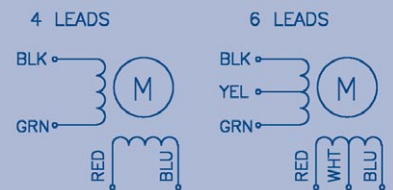
500 VAC for one minute

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.