

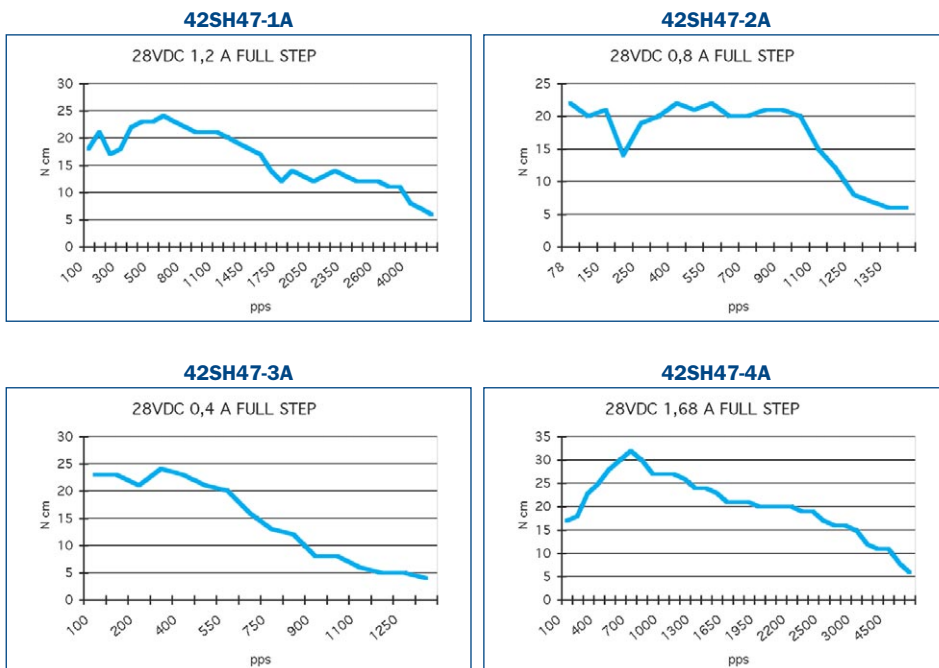
Dimensions in mm.

### Specifications

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

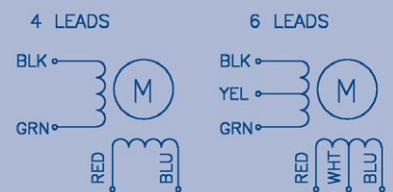
500 VAC for one minute

**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.