

Dimensions in mm.

### Specifications

MODEL		57SH56-1A	57SH56-2A	57SH56-3A	57SH56-4A
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	7,4	3,6	2,3	2,5
4	CURRENT/PHASE A	1	2	3	2,8
5	RESISTANCE/PHASE Ω	7,4	1,8	0,75	0,9
6	INDUCTANCE/PHASE mH	10	2,5	1,1	2,5
7	DETENT TORQUE mNm	42	42	42	42
8	HOLDING TORQUE Ncm	90	90	90	126
9	ROTOR INERTIA g-cm <sup>2</sup>	300	300	300	300
10	WEIGHT Kg	0,7	0,7	0,7	0,7
11	NUMBER OF LEADS N°.	6	6	6	4

57SH...-A single shaft • 57SH...-B double shaft

### 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**

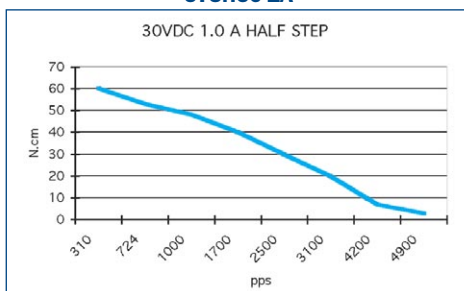
0,06 max. (450 g-load)

**SHAFT AXIAL PLAY**

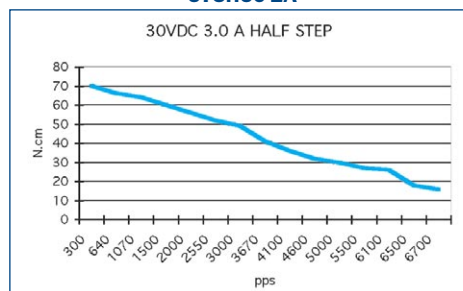
0,08 max. (450 g-load)

### Speed vs. Torque Characteristics

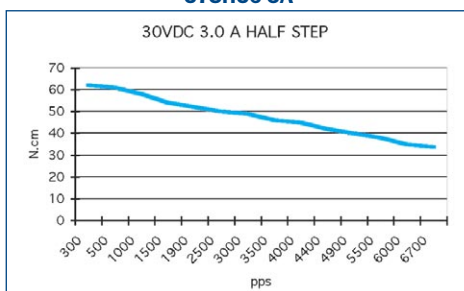
**57SH56-1A**



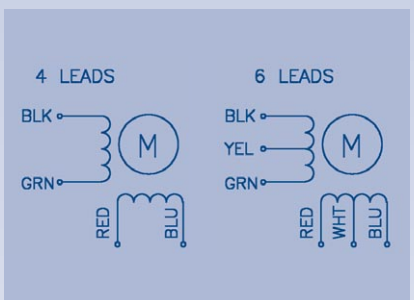
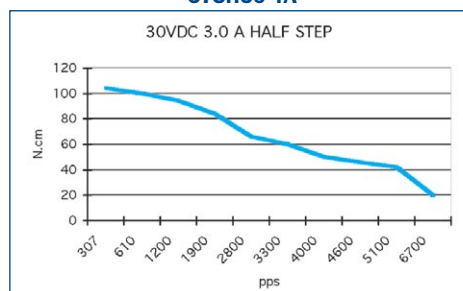
**57SH56-2A**



**57SH56-3A**



**57SH56-4A**



### 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.