

Dimensions in mm.

Specifications

MODEL		57SH56-1AM	57SH56-2AM	57SH56-3AM	57SH56-4AM
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	7,4	3,6	2,3
4	CURRENT/PHASE	A	1	2	3
5	RESISTANCE/PHASE	Ω	7,4	1,8	0,75
6	INDUCTANCE/PHASE	mH	10	2,5	1,1
7	DETENT TORQUE	mNm	40	40	40
8	HOLDING TORQUE	Ncm	90	90	126
9	ROTOR INERTIA	g-cm²	300	300	300
10	WEIGHT	Kg	0,7	0,7	0,7
11	NUMBER OF LEADS	N°.	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

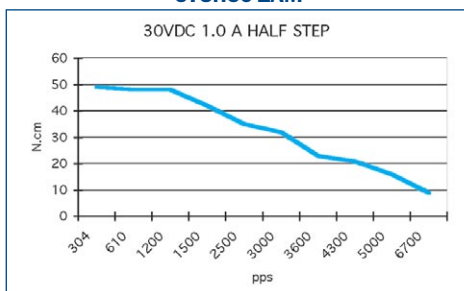
0,06 max. (450 g-load)

SHAFT AXIAL PLAY

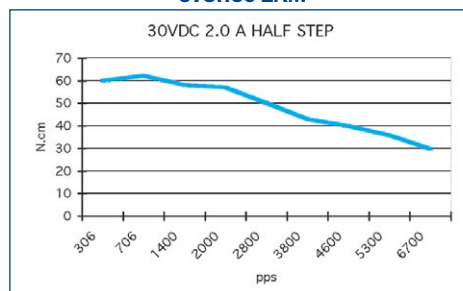
0,08 max. (450 g-load)

Speed vs. Torque Characteristics

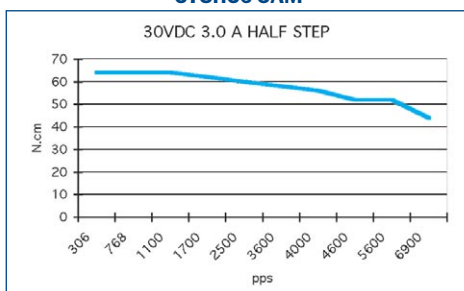
57SH56-1AM



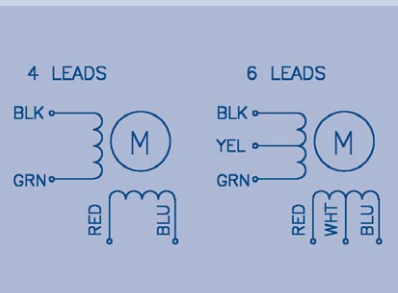
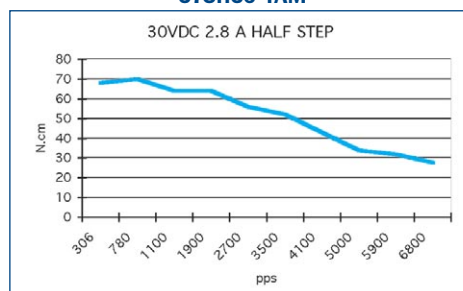
57SH56-2AM



57SH56-3AM



57SH56-4AM



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.