

Dimensions in mm.

Specifications

MODEL		57SH41-1A	57SH41-2A	57SH41-3A	57SH41-4A
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	5,7	2,8	1,9	2
4	CURRENT/PHASE A	1	2	3	2,8
5	RESISTANCE/PHASE Ω	5,7	1,4	0,63	0,7
6	INDUCTANCE/PHASE mH	5,4	1,4	0,6	1,4
7	DETENT TORQUE mNm	18	18	18	18
8	HOLDING TORQUE Ncm	39	39	39	55
9	ROTOR INERTIA g-cm ²	120	120	120	120
10	WEIGHT Kg	0,45	0,45	0,45	0,45
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

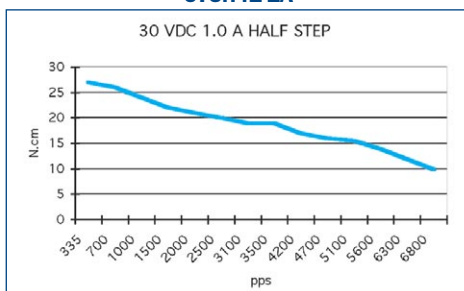
0,06 max. (450 g-load)

SHAFT AXIAL PLAY

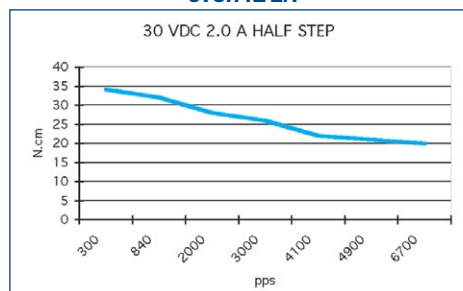
0,08 max. (450 g-load)

Speed vs. Torque Characteristics

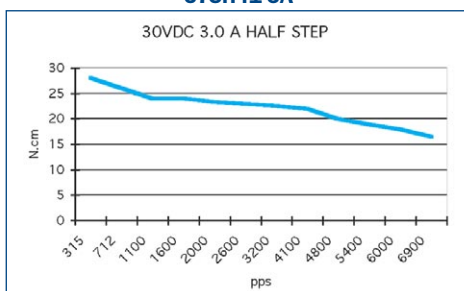
57SH41-1A



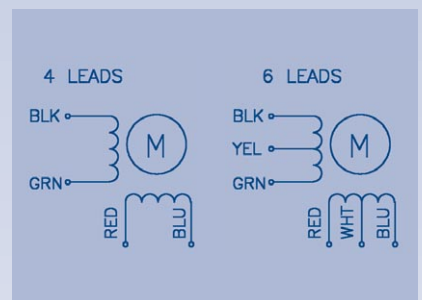
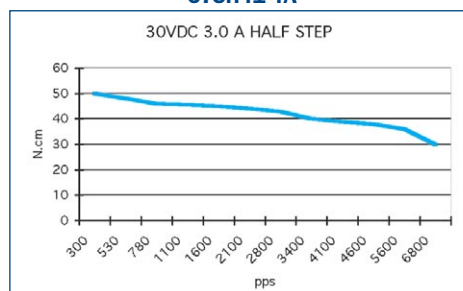
57SH41-2A



57SH41-3A



57SH41-4A



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.