

Dimensions in mm.

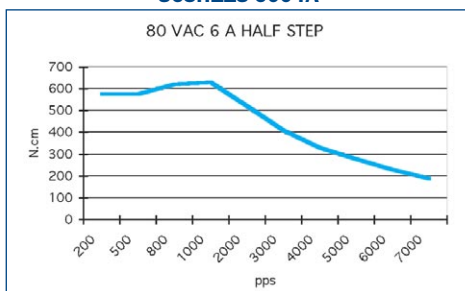
Specifications

MODEL		86SH118-6004A
1	STEP ANGLE	1,8°
2	STEP ANGLE ACCURACY (FULL STEP, NO LOAD) %	± 5%
3	PHASE	2
4	RATED VOLTAGE V	2,7
5	CURRENT/PHASE A	6
6	RESISTANCE/PHASE Ω	0,45
7	INDUCTANCE/PHASE mH	5,1
8	DETENT TORQUE mNm	240
9	HOLDING TORQUE Ncm	870
10	ROTOR INERTIA g-cm ²	2700
11	WEIGHT Kg	3,8
12	NUMBER OF LEADS N°.	4

86SH...A single shaft • 86SH...B double shaft

Speed vs. Torque Characteristics

86SH118-6004A



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

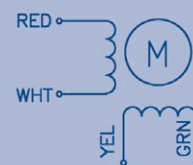
SHAFT RADIAL PLAY

0,06 max. (450 g-load)

SHAFT AXIAL PLAY

0,08 max. (450 g-load)

4 LEADS



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.