

Dimensions in mm.

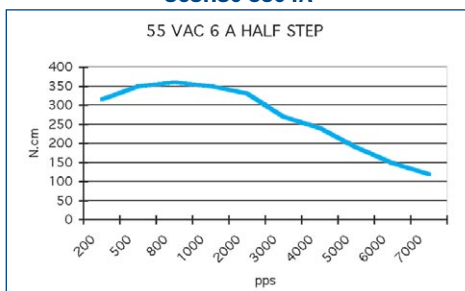
### Specifications

MODEL		86SH80-5504A
1	STEP ANGLE	1,8°
2	STEP ANGLE ACCURACY (FULL STEP, NO LOAD) %	± 5%
3	PHASE	2
4	RATED VOLTAGE V	2,3
5	CURRENT/PHASE A	5,5
6	RESISTANCE/PHASE Ω	0,42
7	INDUCTANCE/PHASE mH	3,5
8	DETENT TORQUE mNm	120
9	HOLDING TORQUE Ncm	460
10	ROTOR INERTIA g-cm <sup>2</sup>	1400
11	WEIGHT Kg	2,3
12	NUMBER OF LEADS N°.	4

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

### Speed vs. Torque Characteristics

86SH80-5504A



### 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

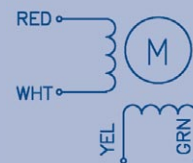
**SHAFT RADIAL PLAY**

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.