

BE version: rear shaft 13mm- 2x M2.5 on diam. 46 mm

### Characteristics

STEP ANGLE  
1,8°

STEP ANGLE ACCURACY  
± 5%

INSULATION CLASS  
B

AMBIENT TEMPERATURE  
-20°C +50°C

TEMP. RISE  
80°C MAX (RATED CURRENT, 2 PHASE ON)

INSULATION RESISTANCE  
100 M OHM MIN. 500 VDC

DIELECTRIC STRENGTH  
500 VAC FOR ONE MINUTE

SHAFT RADIAL PLAY  
0,02 MAX (450 G LOAD)

SHAFT AXIAL PLAY  
0,08 MAX. (450 G LOAD)

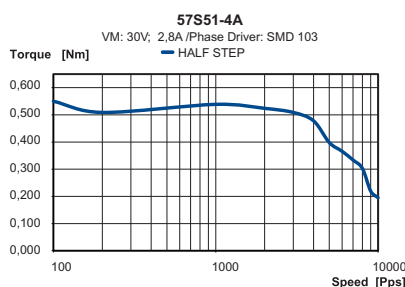
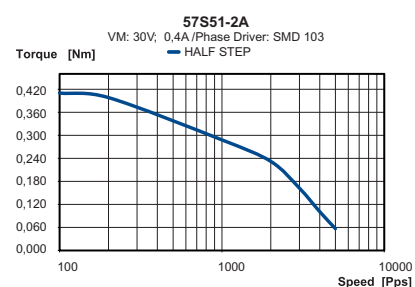
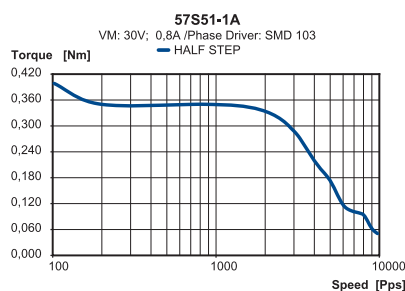
MAX RADIAL FORCE  
75 N (20 MM FROM FRONT FLANGE)

MAX AXIAL FORCE  
15 N

### Specification

Model		57S51-1A	57S51-2A	57S51-4A	
1	RATED VOLTAGE	V	6	12	2,38
2	CURRENT/PHASE	A	0,85	0,42	2,8
3	RESISTANCE/PHASE	Ω	7,1	29	0,85
4	INDUCTANCE/PHASE	mH	9	36	2,1
5	HOLDING TORQUE	Nm	0,497	0,497	0,690
6	ROTOR INERTIA	g-cm <sup>2</sup>	110	110	110
7	WEIGHT	KG	0,6	0,6	0,6
8	NUMBER OF LEADS	N°	6	6	4

### Speed vs. Torque Characteristics



### Connection

LEAD N°	COLOR	GAUGE	FUNCTION
1	BLACK	UL1430 AWG22	PHASE A
2	GREEN	UL1430 AWG22	PHASE A-
3	RED	UL1430 AWG22	PHASE B
4	BLUE	UL1430 AWG22	PHASE B-
<b>UNIPOLAR MOTOR</b>			
5	YELLOW	UL1430 AWG22	COM PHASE A
6	WHITE	UL1430 AWG22	COM PHASE B

