

RS NUMBER: 1805294

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
820 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
220 N (20 MM FROM FRONT FLANGE)

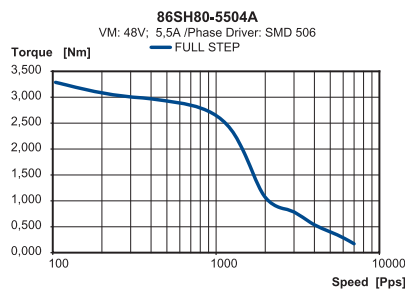
MAX AXIAL FORCE
60 N

Specification RS n° 1805294

Model

Model	1	2	3	4	5	6	7	8
1 RATED VOLTAGE	V	2,3						
2 CURRENT/PHASE	A	5,5						
3 RESISTANCE/PHASE	Ω	0,42						
4 INDUCTANCE/PHASE	mH	3,5						
5 HOLDING TORQUE	NM	4,6						
6 ROTOR INERTIA	G-CM ²	1400						
7 WEIGHT	KG	2,3						
8 NUMBER OF LEADS	N°	4						

Speed vs. Torque Characteristics



Connection

LEAD N°	COLOR	GAUGE	FUNCTION
1	RED	UL1430 AWG20	PHASE A
2	WHITE	UL1430 AWG20	PHASE A-
3	YELLOW	UL1430 AWG20	PHASE B
4	GREEN	UL1430 AWG20	PHASE B-