



RS NUMBER: 1805282
 RS NUMBER: 1805283
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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

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-
UNIPOLAR MOTOR			
5	YELLOW	UL1430 AWG22	COM PHASE A
6	WHITE	UL1430 AWG22	COM PHASE B

Specification

Model	RS n°	1805282	1805283	1805284
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 ²	110	110	110
7 WEIGHT	KG	0,6	0,6	0,6
8 NUMBER OF LEADS	N°	6	6	4

Speed vs. Torque Characteristics

