



RS NUMBER: 1805285

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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

RS n°

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Model

		1805285	1805286	
1	RATED VOLTAGE	V	5,4	2,8
2	CURRENT/PHASE	A	1,5	3,3
3	RESISTANCE/PHASE	Ω	3,6	0,85
4	INDUCTANCE/PHASE	mH	6	3
5	HOLDING TORQUE	NM	0,9	1,25
6	ROTOR INERTIA	G-CM ²	200	200
7	WEIGHT	KG	0,95	0,95
8	NUMBER OF LEADS	N°	6	4

Speed vs. Torque Characteristics

