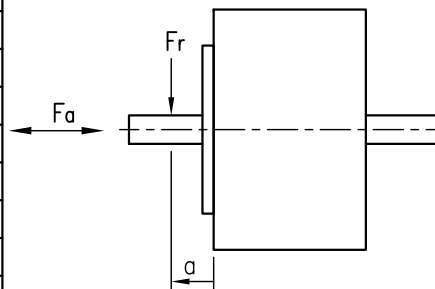


SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		3.0
AMPS/PHASE		0.25
RESISTANCE/PHASE (Ohms)@25°C		12±8%
INDUCTANCE/PHASE (mH) @1KHz		10.0
HOLDING TORQUE (Nm) [lb-in]		4.5x10 <sup>-4</sup> [3.98x10 <sup>-3</sup> ]
DETENT TORQUE (Nm) [lb-in]		2.5x10 <sup>-4</sup> [2.21x10 <sup>-3</sup> ]
STEP ANGLE (°)		18
STEP ACCURACY (NON-ACCUM)		±10%
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]		2.0x10 <sup>-10</sup> [6.83x10 <sup>-7</sup> ]
WEIGHT (Kg) [lb]		2.0x10 <sup>-3</sup> [6.83x10 <sup>-3</sup> ]

PERMISSIBLE RADIAL+AXIAL FORCE

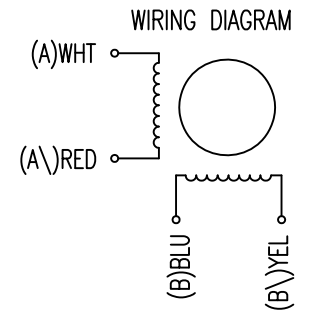


AXIAL-FORCE Fa (N)	Fr=0.5	
DISTANCE a (mm)	1/2 SCHAFTLENGTH	
RADIAL-FORCE Fr (N)	Fr=1	
	AXIAL	RADIAL
SHAFT PLAY (mm)	n.a.	n.a.
AT LOAD MAX: (N)	n.a.	n.a.

TYPE OF CONNECTION (EXTERN)	MOTOR			
	BIPOLAR	CONNECTOR PIN NO.	LEADS	WINDING
A —	1	WHT	A	
A\ —	2	RED	A\	
B —	3	BLU	B	
B\ —	4	YEL	B\	

FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\	CCW
1	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	



REV	ARTICLE NO.	DATE	APVD
1	ARTICLE NO.	28.02.11	J.W.
REV	DESCRIPTION	DATE	APVD



SP0618M0204-A

SCALE	FREE	APVD	S.Ha.	27.02.07
X	±0.5	CHKD		
1PL	±0.2	DRN	J.W.	08.12.06
2PL	±0.1	SIGNATURE		DATE
ANGLE	±30'			

STEPPING MOTOR

DWG.NO

SP0618M0204-A