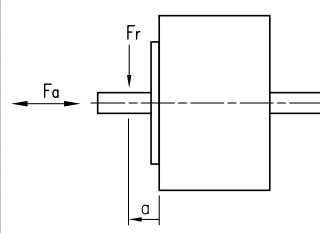


CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING
VOLTAGE (VDC)	3.8
AMPS/PHASE	1.0
RESISTANCE/PHASE (Ohms)@25°C	3.8±10%
INDUCTANCE/PHASE (mH) @1KHz	2.0±20%
HOLDING TORQUE (Nm) [lb-in]	0.064 [0.566]
DETENT TORQUE (Nm) [lb-in]	0.005 [0.044]
STEP ANGLE (°) ± ACCURACY	1.8±5% (NON-ACCUM)
BACK-EMF (V) (300 U/min)	
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]	1.6x10 <sup>-6</sup> [5.46x10 <sup>-3</sup> ]
WEIGHT (Kg) [lb]	0.095 [0.209]

PERMISSIBLE RADIAL+AXIAL FORCE

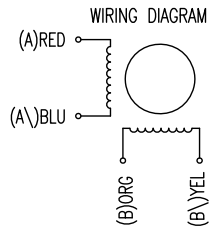


AXIAL-FORCE Fa (N)	Fa=2.0
DISTANCE a (mm)	1/2 SCHAFTLENGTH
RADIAL-FORCE Fr (N)	Fr=5.0
	AXIAL RADIAL
SHAFT PLAY (mm)	0.5 0.06
AT LOAD MAX: (N)	4.5 4.5

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

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

STEP	A	B	A\	B\	CCW
1	+	+	-	-	↑ ↓ CW
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	



REV	DESCRIPTION	DATE	APVD



ST6318F1004-A

SCALE FREE	APVD	S.Ha.	27.11.08
X ±0.5	CHKD		
1PL ±0.2	DRN	J.W.	27.11.08
2PL ±0.1	SIGNATURE		DATE
ANGLE ±30'			

STEPPING MOTOR

DWG.NO ST6318F1004-A