

4

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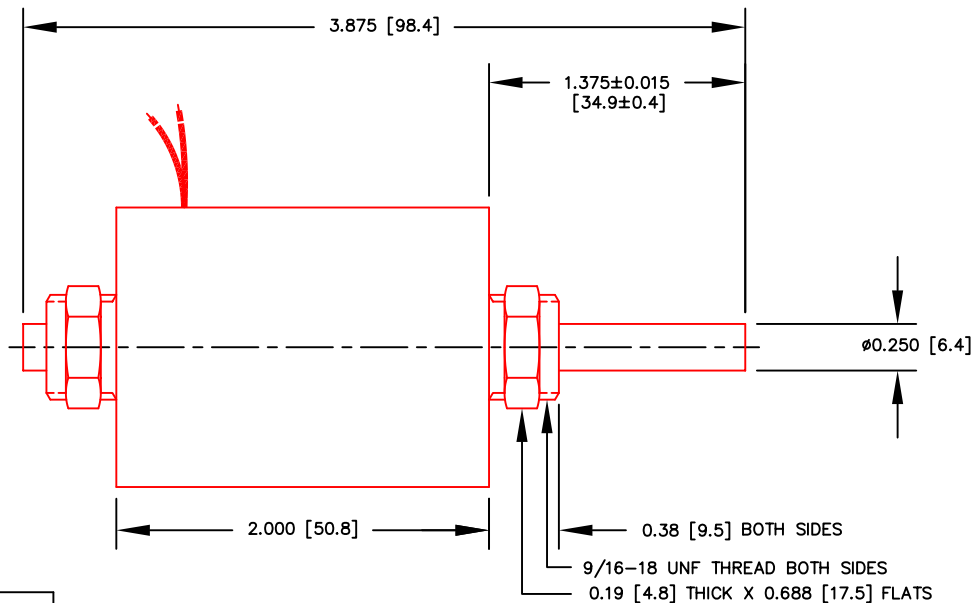
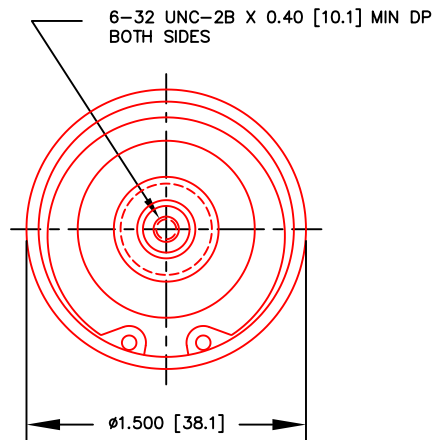
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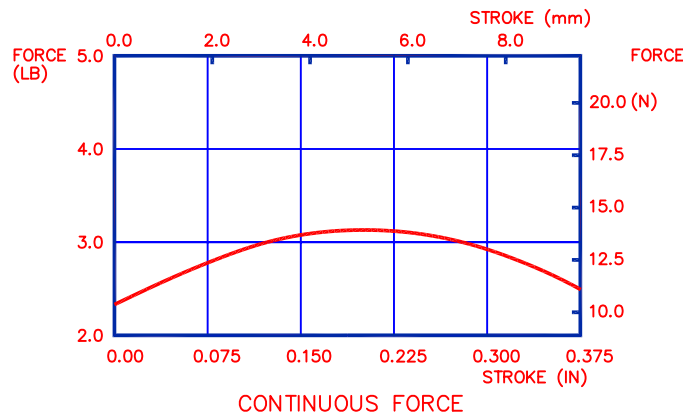
REVISIONS

ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

SHOWN IN FORWARD EXTENDED SHAFT POSITION



INTERMITTENT FORCE @10% DUTY CYCLE	44.1 N	9.9 LB
CONTINUOUS FORCE	14.0 N	3.1 LB
FORCE CONSTANT	7.0 N/A	1.57 LB/A
BACK EMF CONSTANT	7.0 V/M/S	0.177 V/IN/S
STROKE	9.5 mm	0.375 IN
MOVING MASS	91 GR	3.21 OZ
TOTAL MASS	280 GR	9.9 OZ
COIL RESISTANCE	2.5 Ohms	
COIL INDUCTANCE @ 1000 Hz	1.2 mH	
MAX CONTINUOUS POWER	10.0 W	
MAX TOTAL SHAFT SIDE LOAD	24.0 N	5.4 Lb
LINEAR BEARING TYPE	PLAIN BUSHING	



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3-MOTOR MAY BE SUPPLIED WITH OPTIONAL SPRINGS.
2-FOR PROPER HEAT DISSIPATION, THE MOTOR SHOULD BE MOUNTED ON A METALLIC BODY WITH ADEQUATE SURFACE AREA WITH AN UNRESTRICTED FLOW OF AIR.

1-ALL VALUES AT 25°C

NOTES:
UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES (mm)
TOLERANCES ON:
DECIMALS FRACTIONS ANGLES
.XXX .XX ± 1/125 ± 1/2°
± .005 ± .01
UNLESS OTHERWISE SPECIFIED

USED ON	NEXT ASSY
APPLICATION	

MATERIAL

FINISH

CONTRACT

DRN

CHKD

APPVD

APPVD

motiCont

LINEAR DIRECT DRIVE MOTOR

SIZE

A

CODE

DWG. NO.

DDL M-038-051-01

REV.

2

SCALE: 1 / 1

SHEET 1 OF 1

4

3

2

1