

4

3

2

1

SHOWN IN EXTENDED SHAFT POSITION

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

D

D

C

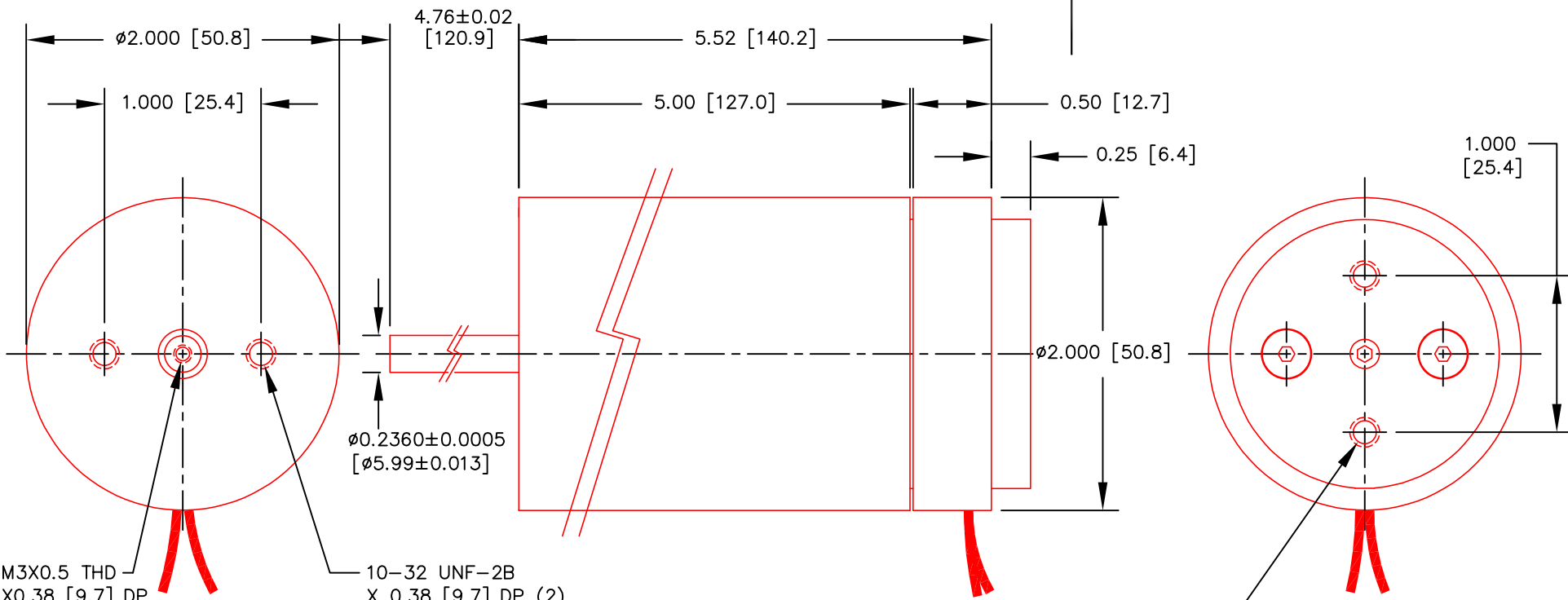
C

B

B

A

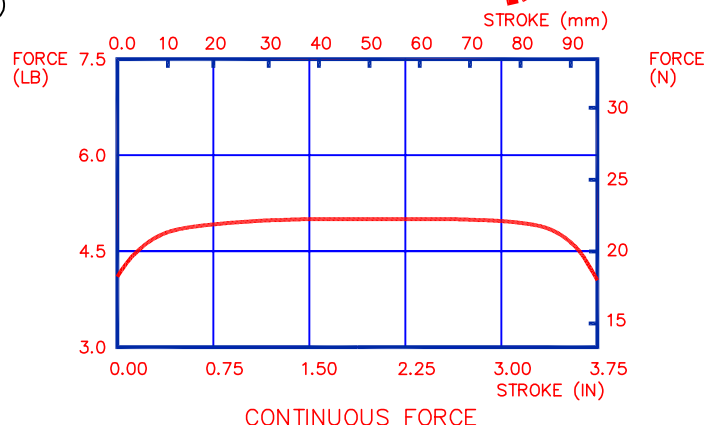
A



M3X0.5 THD X0.38 [9.7] DP      10-32 UNF-2B X 0.38 [9.7] DP (2)

10-32 UNF-2B X 0.25 [6.4] DP (2)

INTERMITTENT FORCE @10% DUTY CYCLE	70.3 N	15.8 LB
CONTINUOUS FORCE	22.2 N	5.0 LB
FORCE CONSTANT	10.1 N/A	2.3 LB/A
BACK EMF CONSTANT	10.1 V/M/S	0.26 V/IN/S
STROKE	95.3 mm	3.75 IN
COIL CLEARANCE PER SIDE	0.38 mm	0.015 IN
COIL ASSY MASS	350 GR	12.3 OZ
BODY MASS	1575 GR	55.6 OZ
COIL RESISTANCE	9.2 Ohms	
COIL INDUCTANCE @ 1000 Hz	4.3 mH	
MAX CONTINUOUS POWER	45 W	
MAX TOTAL SHAFT SIDE LOAD	4.4 N	1 LB
LINEAR BEARING TYPE	PLAIN BUSHING	



CONTINUOUS FORCE

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NOTES :  
UNLESS OTHERWISE SPECIFIED

ALL VALUES AT 25°C

DIMENSIONS ARE IN INCHES (mm)	
TOLERANCES ON:	
DECIMALS .XXX	FRACTIONS $\pm 1/125$
ANGLES $\pm 1/2^\circ$	
$\pm .005 \pm .01$ UNLESS OTHERWISE SPECIFIED	
USED ON	NEXT ASSY
APPLICATION	

MATERIAL	
FINISH	

CONTRACT	
DRN	
CHKD	
APPVD	
APPVD	

<b>MOTICONT</b>			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		GVCM-051-127-01S06	1
SCALE: 1 / 1		SHEET 1 OF 1	