

4

3

2

1

SHOWN IN EXTENDED SHAFT POSITION

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

D

D

C

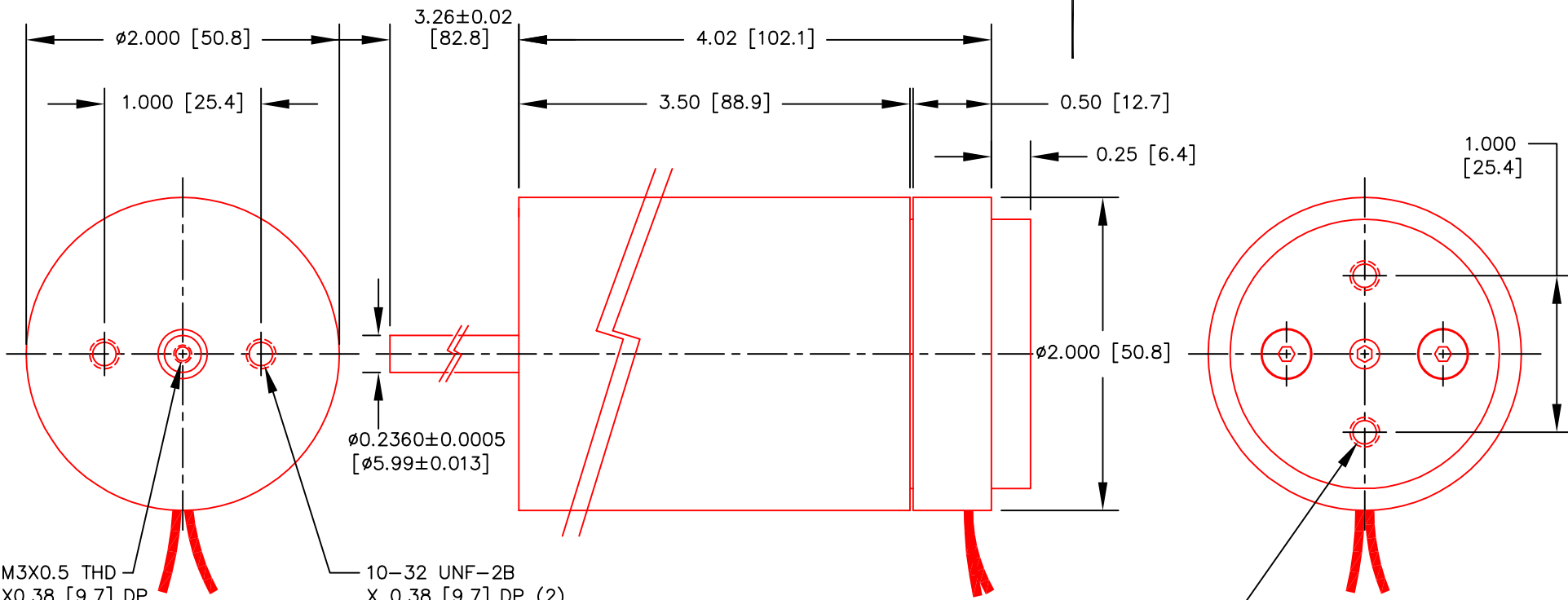
C

B

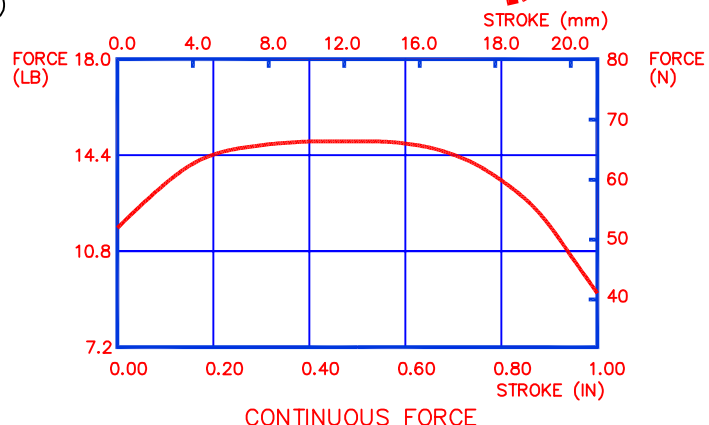
B

A

A



INTERMITTENT FORCE @10% DUTY CYCLE	210 N	47.2 LB
CONTINUOUS FORCE	66.4 N	14.9 LB
FORCE CONSTANT	25.5 N/A	5.7 LB/A
BACK EMF CONSTANT	25.5 V/M/S	0.65 V/IN/S
STROKE	25.4 mm	1.00 IN
COIL CLEARANCE PER SIDE	0.38 mm	0.015 IN
COIL ASSY MASS	286 GR	10.1 OZ
BODY MASS	1150 GR	40.6 OZ
COIL RESISTANCE	5.9 Ohms	
COIL INDUCTANCE @ 1000 Hz	2.4 mH	
MAX CONTINUOUS POWER	40 W	
MAX TOTAL SHAFT SIDE LOAD	4.4 N	1 LB
LINEAR BEARING TYPE	PLAIN BUSHING	



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

THIS DOCUMENT, WHETHER OR NOT MARKED AS PROPRIETARY, IS CONSIDERED CONFIDENTIAL AND SHALL REMAIN THE PROPERTY OF MOTICONT AND SHALL BE RETURNED TO MOTICONT UPON REQUEST WITH ALL COPIES MADE THEREOF. THIS DOCUMENT CANNOT BE UTILIZED IN THE MANUFACTURE OF ARTICLES SOLD OR OFFERED OR DISCLOSED TO ANYONE AND NO USE OF IT CAN BE MADE UNLESS EXPRESSLY AUTHORIZED BY AND UNDER THE DIRECTION OF MOTICONT. POSSESSION OF THIS DOCUMENT IS ACCEPTED SUBJECT TO THE FOREGOING.

NOTES :
UNLESS OTHERWISE SPECIFIED

ALL VALUES AT 25°C

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

MATERIAL	
FINISH	

CONTRACT	
DRN	
CHKD	
APPVD	
APPVD	

MOTICONT			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		GVCM-051-089-02S06	1
SCALE: 1 / 1		SHEET 1 OF 1	