

4

3

2

1

SHOWN IN EXTENDED SHAFT POSITION

REVISIONS

ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

D

D

C

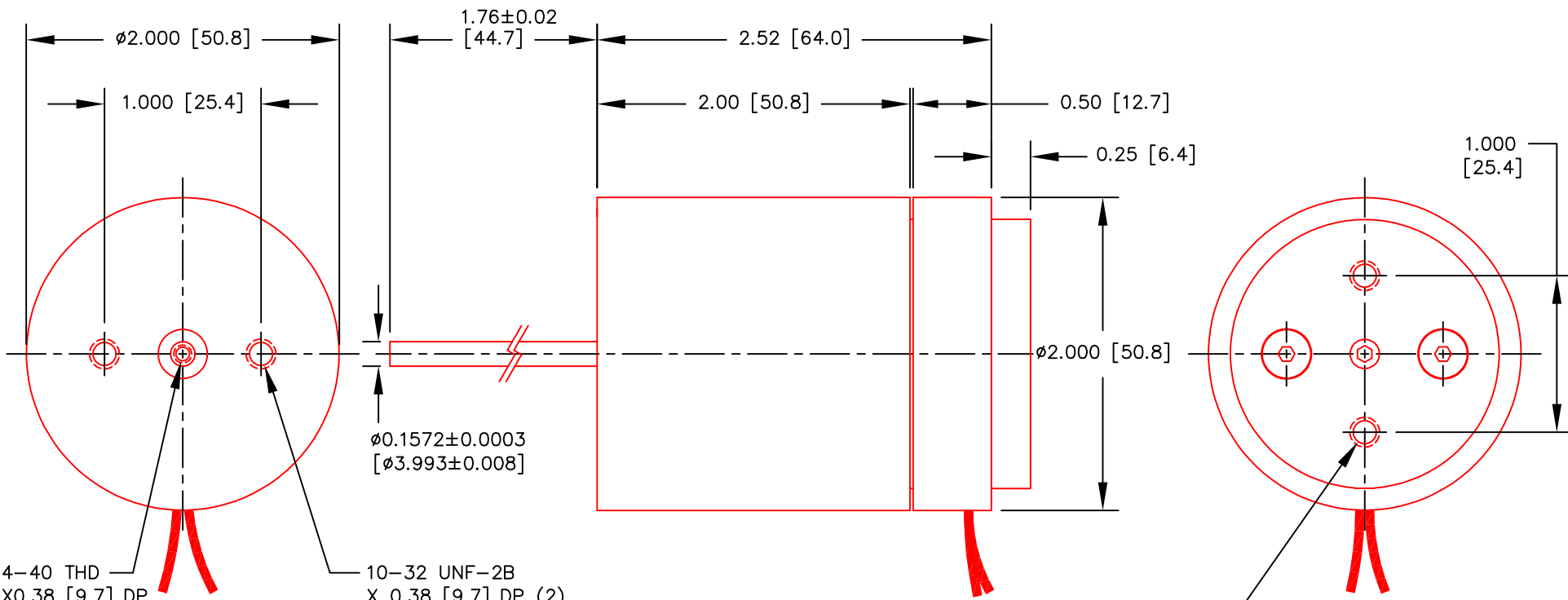
C

B

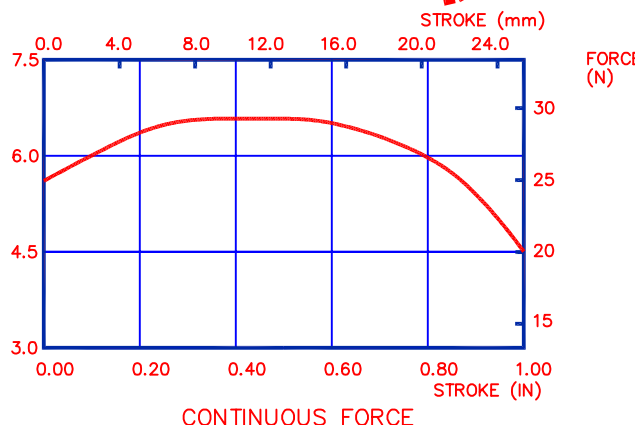
B

A

A



INTERMITTENT FORCE @10% DUTY CYCLE	92.6 N	20.8 LB
CONTINUOUS FORCE	29.3 N	6.6 LB
FORCE CONSTANT	8.8 N/A	1.98 LB/A
BACK EMF CONSTANT	8.8 V/M/S	0.22 V/IN/S
STROKE	25.4 mm	1.00 IN
COIL CLEARANCE PER SIDE	0.38 mm	0.015 IN
COIL ASSY MASS	162 GR	5.7 OZ
BODY MASS	668 GR	23.6 OZ
COIL RESISTANCE	3.0 Ohms	
COIL INDUCTANCE @ 1000 Hz	1.2 mH	
MAX CONTINUOUS POWER	33 W	
MAX TOTAL SHAFT SIDE LOAD	22 N	5 LB
LINEAR BEARING TYPE	RECIRCULATING BALL	



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 ANGLES
.XXX .XX	$\pm 1/125 \pm 1/2'$
$\pm .005 \pm .01$	
UNLESS OTHERWISE SPECIFIED	
USED ON	NEXT ASSY
APPLICATION	

MATERIAL	CONTRACT
FINISH	DRN
	CHKD
	APPVD
	APPVD

<b>MOTICONT</b>			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		GVCM-051-051-05	1
SCALE: 1 / 1		SHEET 1 OF 1	