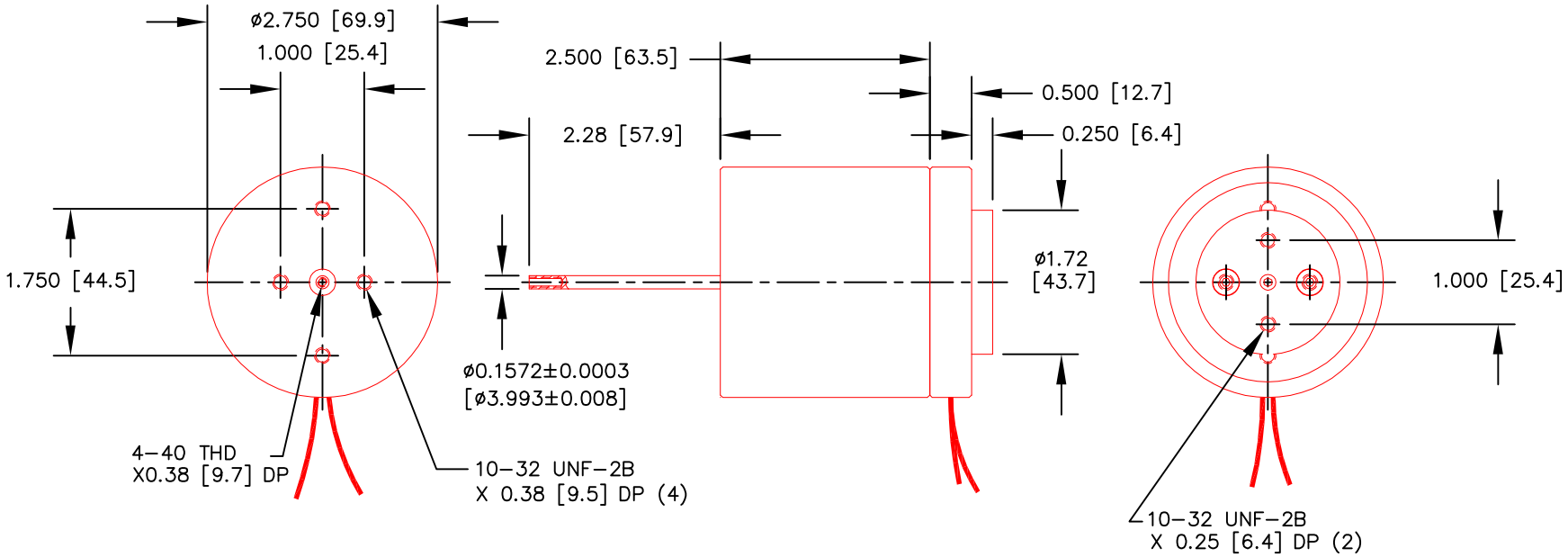
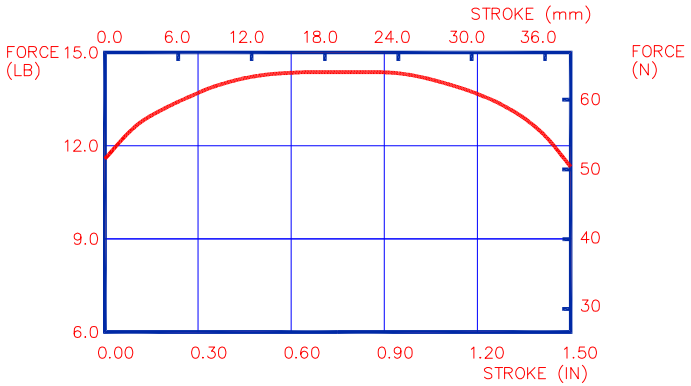
SHOWN IN EXTENDED SHAFT POSITION

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED



INTERMITTENT FORCE @10% DUTY CYCLE	202.5 N	45.5 LB
CONTINUOUS FORCE	64.1 N	14.4 LB
FORCE CONSTANT	11.0 N/A	2.5 LB/A
BACK EMF CONSTANT	11.0 V/M/S	0.28 V/IN/S
STROKE	38.1 mm	1.50 IN
COIL CLEARANCE PER SIDE	0.64 mm	0.025 IN
COIL ASSY MASS	350 GR	0.77 LB
BODY MASS	1.50 KG	3.30 LB
COIL RESISTANCE	1.5 Ohms	
COIL INDUCTANCE @ 1000 Hz	1.0 mH	
MAX CONTINUOUS POWER	50 W	
MAX TOTAL SHAFT SIDE LOAD	9 N	2 LB
LINEAR BEARING TYPE	RECIRCULATING BALL	

ALL VALUES AT 25°C



CONTINUOUS FORCE

NOTES :

UNLESS OTHERWISE SPECIFIED

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DIMENSIONS ARE IN INCHES [mm]
TOLERANCES ON:
DECIMALS .XXX ± .005 .XX ± .01
FRACTIONS ± 1/125
ANGLES ± 1/2°
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–070–064–01	1

SCALE: 1 / 2 SHEET 1 OF 1