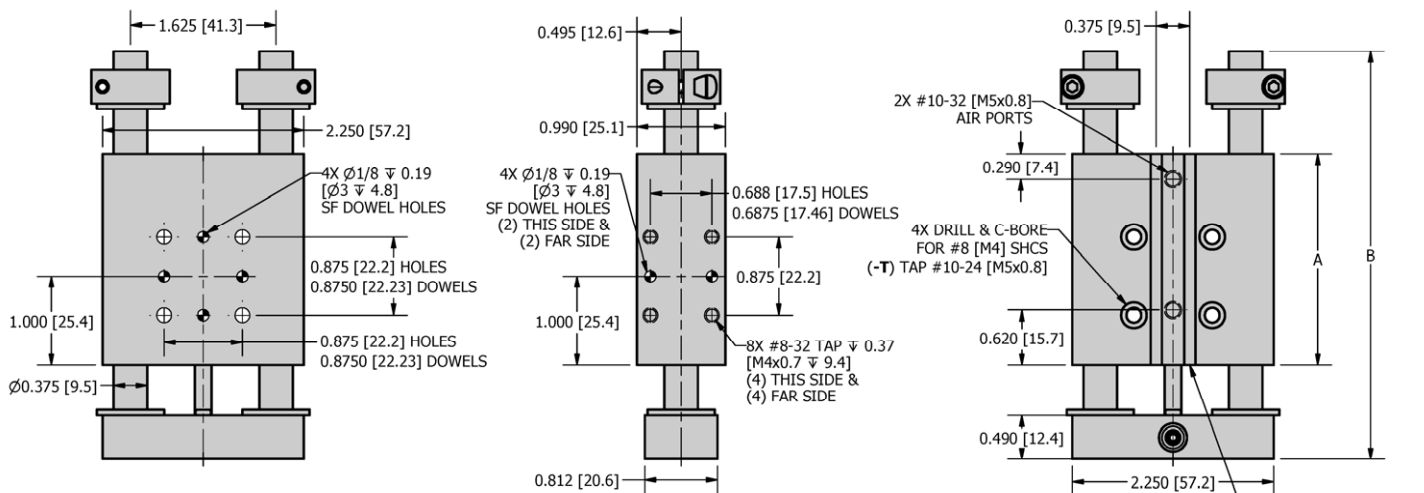


R&I
MANUFACTURING CO.

DURA-THRUST
LINEAR THRUSTER

LT-2

DIMENSIONAL DRAWING



SPECIFICATIONS

	LT-2	MLT-2
Maximum Air Pressure	100 psi	6.9 bar
Thrust Force @ 80 psi / 5.5 bar	19.8 lbf	88.2 N
Unit Force Factor - Extend	0.25 lbf/psi	16.0 N/bar
Unit Force Factor - Retract	0.22 lbf/psi	14.2 N/bar
Base Weight	0.90 lb	0.41 kg
Additional Weight per Stroke	0.16 lb/in	2.9 g/mm
Cylinder Bore Diameter	0.562"	14.27 mm
Shaft Diameter	0.375"	9.53 mm

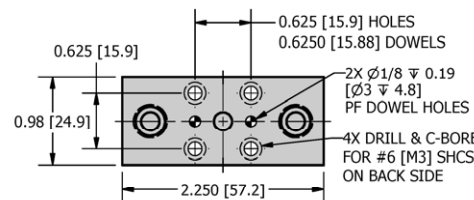
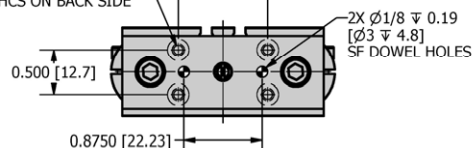
ADDITIONAL DIMENSIONS

STROKE	A	B
1" [25.4]	2.375 [60.3]	4.575 [90.8]
2" [50.8]	3.375 [85.7]	6.575 [167.0]
3" [76.2]	4.375 [111.1]	8.575 [217.8]

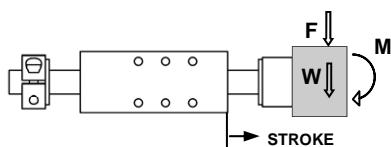
LOADING

	LT-2			MLT-2		
STROKE (in [mm])	1"	2"	3"	25.4	50.8	76.2
Max Applied Load (Extended) F+W	20 lbf	10 lbf	5 lbf	89 N	45 N	22 N
Max Moment M	50 lbf-in			5.6 N-m		
Max Dynamic Load (Payload) W	5 lbf			2.3 kg		

4X #6-32 [M4x0.7] TAP THRU (-C) DRILL & C-BORE FOR #6 [M4] SHCS ON BACK SIDE



OPTIONAL (-B) END PLATE FOR CONNECTION TO LT-1



CAUTION! Flow controls recommended for nearly all applications

HOW TO ORDER : BASIC UNIT

ACCESSORIES (order separately)

METRIC BASIC MODEL STROKE END BLOCK SEALS



- METRIC** M
- STROKE** Inch: 1.0", 2.0", 3.0"
mm: 25.4, 50.8, 76.2
- HOLES** T - Tapped Body
- END PLATE** B - End Plate for direct connection to the LT-1
C - C-bore Clearance holes
- SEALS** V - Viton (standard Buna - N)

MAGNETIC SENSOR KITS * (Round track mounted)

- RSK-N - Magnetic Sensor NPN w/ quick disconnect Kit
- RSK-P - Magnetic Sensor PNP w/ quick disconnect Kit
- * Sensors kits include (2) sensors and (2) 5 meter cables.

MAGNETIC SENSORS * (Round track mounted)

- RS-N - Magnetic Sensor NPN w/ quick disconnect
- RS-P - Magnetic Sensor PNP w/ quick disconnect
- * Includes (1) sensor.

SENSOR CABLE

- SENCAB-5 - Quick Disconnect PUR Cable 5M Length

SAMPLE ORDER: LT-2-2.0-T

Ex) LT-2 Thruster with 2 inch stroke and Tapped Body Holes

**CUSTOM DESIGNS ALWAYS AVAILABLE
PLEASE CONTACT US FOR INFORMATION**