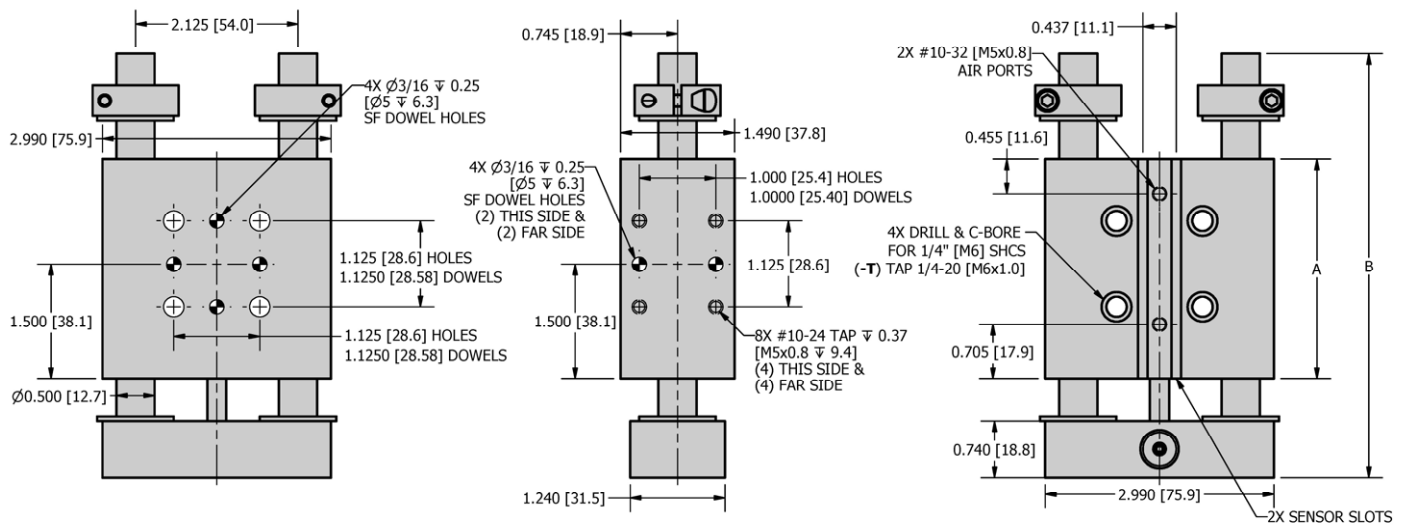


**DIMENSIONAL DRAWING**

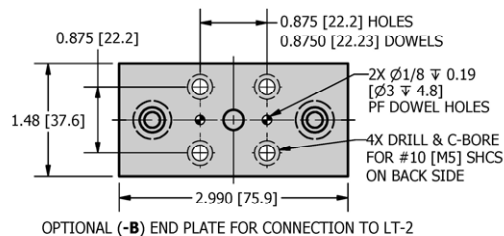
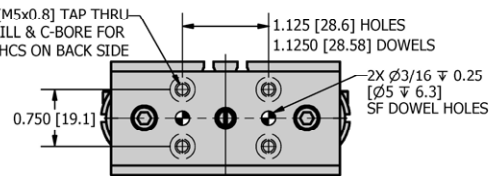


**SPECIFICATIONS**

	LT-3	MLT-3
Maximum Air Pressure	100 psi	6.9 bar
Thrust Force @ 80 psi / 5.5 bar	35.3 lbf	157 N
Unit Force Factor - Extend	0.44 lbf/psi	28.5 N/bar
Unit Force Factor - Retract	0.39 lbf/psi	25.3 N/bar
Base Weight	2.19 lb	0.99 kg
Additional Weight per Stroke	0.54 lb/in	9.6 g/mm
Cylinder Bore Diameter	0.750"	19.05 mm
Shaft Diameter	0.500"	12.7 mm

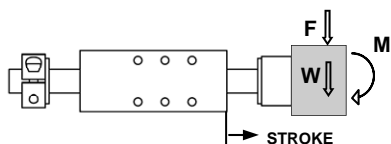
**ADDITIONAL DIMENSIONS**

STROKE	A	B
1" [25.4]	2.875 [73.0]	5.553 [141.0]
2" [50.8]	3.875 [98.4]	7.553 [191.8]
3" [76.2]	4.875 [123.8]	9.553 [242.6]



**LOADING**

	LT-3		MLT-3			
STROKE (in [mm])	1"	2"	3"	25.4	50.8	76.2
Max Applied Load (Extended) <b>F+W</b>	30 lbf	15 lbf	10 lbf	133 N	69 N	45 N
Max Moment <b>M</b>	75 lbf-in			8.5 N-m		
Max Dynamic Load (Payload) <b>W</b>	10 lbf			4.5 kg		



**CAUTION!** Flow controls recommended for nearly all applications

**HOW TO ORDER : BASIC UNIT**

**ACCESSORIES (order separately)**

METRIC BASIC MODEL STROKE END BLOCK SEALS

**M** **LT-3** -  - **T** - **B** - **V**

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-2  
C - C-bore Clearance holes

SEALS V - Viton (standard Buna - N)

**SAMPLE ORDER: LT-3-2.0-V**

Ex) LT-3 Thruster with 2 inch stroke and Viton Seals

**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

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