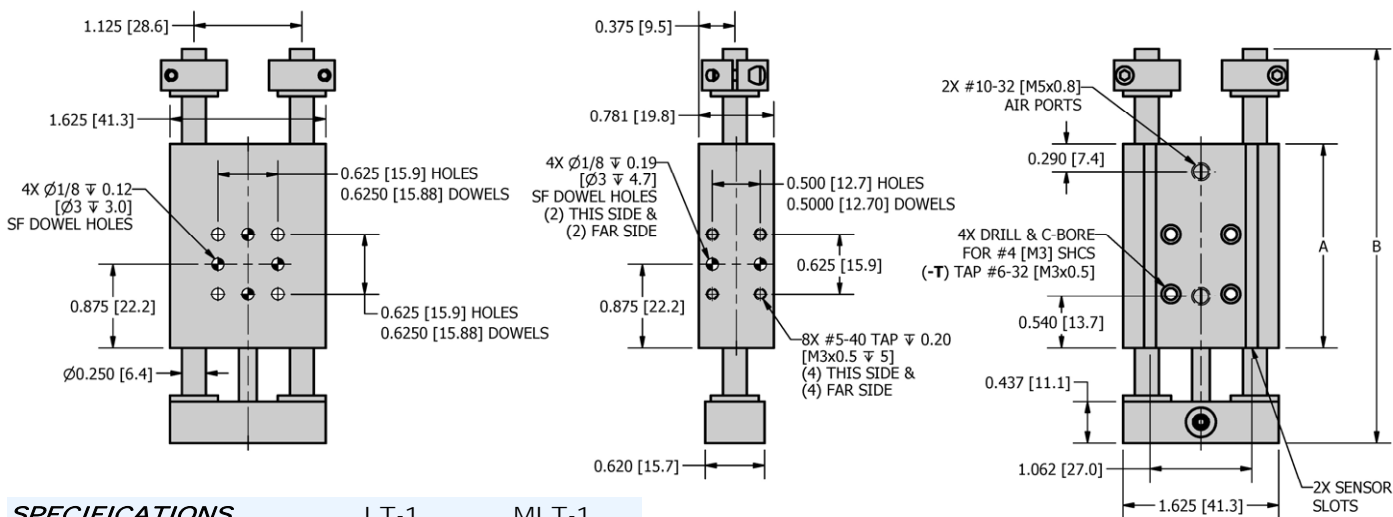


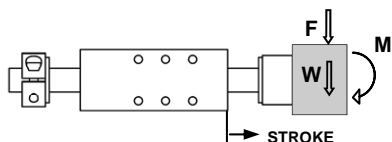
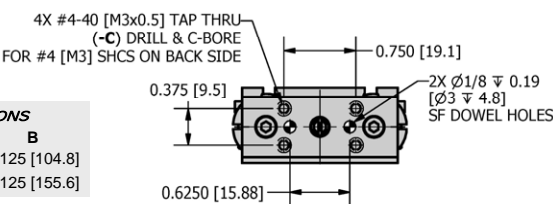
DIMENSIONAL DRAWING



SPECIFICATIONS	LT-1	MLT-1
Maximum Air Pressure	100 psi	6.9 bar
Thrust Force @ 80 psi / 5.5 bar	12.0 lbf	53.3 N
Unit Force Factor - Extend	0.15 lbf/psi	9.7 N/bar
Unit Force Factor - Retract	0.12 lbf/psi	7.9 N/bar
Base Weight	0.35 lb	0.16 kg
Additional Weight per Stroke	0.16 lb/in	2.9 g/mm
Cylinder Bore Diameter	0.437"	11.10 mm
Shaft Diameter	0.250"	6.35 mm

ADDITIONAL DIMENSIONS	STROKE	A	B
1" [25.4]	2.125 [56.5]	4.125 [104.8]	
2" [50.8]	3.125 [81.9]	6.125 [155.6]	

LOADING	LT-1	MLT-1
STROKE (in [mm])	1" 2"	25.4 50.8
Max Applied Load (Extended) F+W	8 lbf 4 lbf	36 N 18 N
Max Moment M	10 lbf-in	1.1 N-m
Max Dynamic Load (Payload) W	2 lbf	0.91 kg

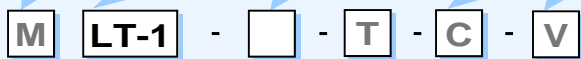


CAUTION Flow controls recommended for nearly all applications

HOW TO ORDER : BASIC UNIT

ACCESSORIES (order separately)

METRIC BASIC MODEL STROKE END BLOCK SEALS



METRIC M

STROKE Inch: 1.0", 2.0"
mm: 25.4, 50.8

END PLATE C - C-bore Clearance holes

HOLES T - Tapped Body

SEALS V - Viton (standard Buna - N)

HOLES

SAMPLE ORDER: LT-1-2.0-T

Ex) LT-1 Thruster with 2 inch stroke and Tapped Body Holes

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**