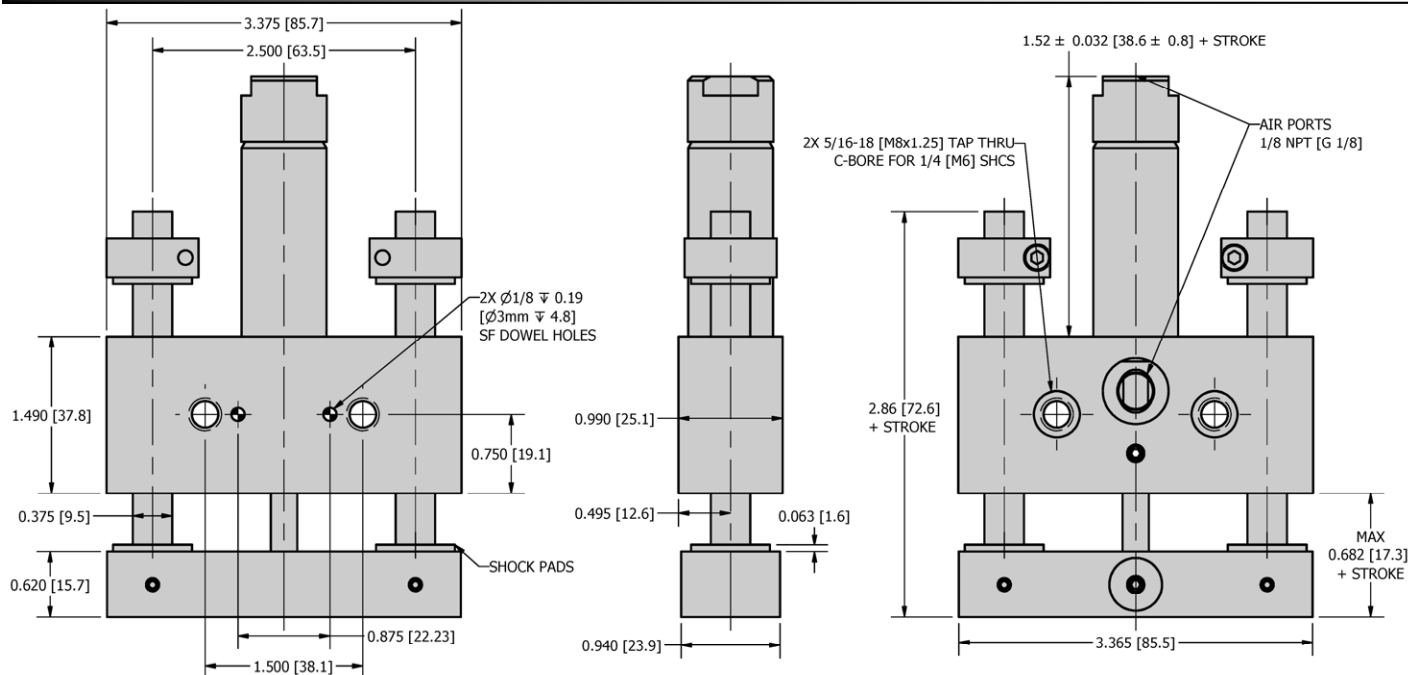


**R&I**  
MANUFACTURING CO.

**DURA-THRUST**  
VERTICAL - LIGHT DUTY HORIZONTAL  
LINEAR THRUSTER

**ET-2**

**DIMENSIONAL DRAWING**

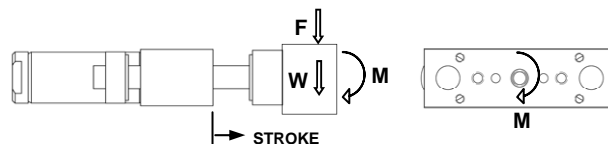
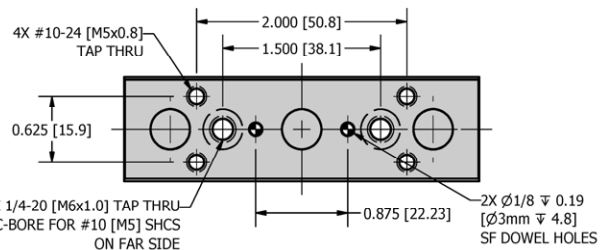


**SPECIFICATIONS**

	ET-2	MET-2
Maximum Air Pressure	100 psi	6.9 bar
Thrust Force @ 80 psi / 5.5 bar	35.2 lbf	156.8 N
Unit Force Factor - Extend	0.44 lbf/psi	28.4 N/bar
Unit Force Factor - Retract	0.39 lbf/psi	25.2 N/bar
Base Weight	1.05 lb	0.48 kg
Additional Weight per Stroke	0.09 lb/in	1.63 g/mm
Cylinder Bore Diameter	0.750"	19.05 mm
Shaft Diameter	0.375"	9.52 mm

**LOADING**

	ET-2	MET-2
Typical Load (Force + Weight)*Stroke <b>(F+W)*S</b>	6 lbf-in	0.68 N-m
Max Moment <b>M</b>	6 lbf-in	0.68 N-m
Typical Dynamic Payload <b>W</b>	5 lbf	2.3 kg

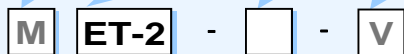


Flow controls recommended for nearly all applications

**HOW TO ORDER : BASIC UNIT**

**ACCESSORIES (order separately)**

METRIC BASIC MODEL STROKE SEALS



METRIC M

STROKE Inch: 1.0" - 8.0" @ 1.0" increments  
mm: 25.4 - 203.2 @ 25.4mm increments

SEALS V - Viton (standard Buna - N)

**SAMPLE ORDER: ET-2-1.0-V**

Ex) ET-2 Thruster with 1 inch stroke and Viton seals

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

**MAGNETIC SENSOR KITS \* (Cylinder clamp mounted)**

CSK-N - Magnetic Sensor NPN w/ quick disconnect Kit  
CSK-P - Magnetic Sensor PNP w/ quick disconnect Kit  
CSK-R - Magnetic Sensor REED w/ quick disconnect Kit

\* Sensors Kits include (2) sensors and (2) cylinder clamps and (2) 5 meter cables.

**MAGNETIC SENSORS \* (Cylinder clamp mounted)**

CS-N - Magnetic Sensor NPN w/ quick disconnect  
CS-P - Magnetic Sensor PNP w/ quick disconnect  
CS-R - Magnetic Sensor REED w/ quick disconnect

\* Includes (1) sensors and (1) cylinder clamp

**SENSOR CABLE**

SENCAB-5 - Quick Disconnect PUR Cable 5M Length