

FABCO-AIR

F-Series Air Cylinders

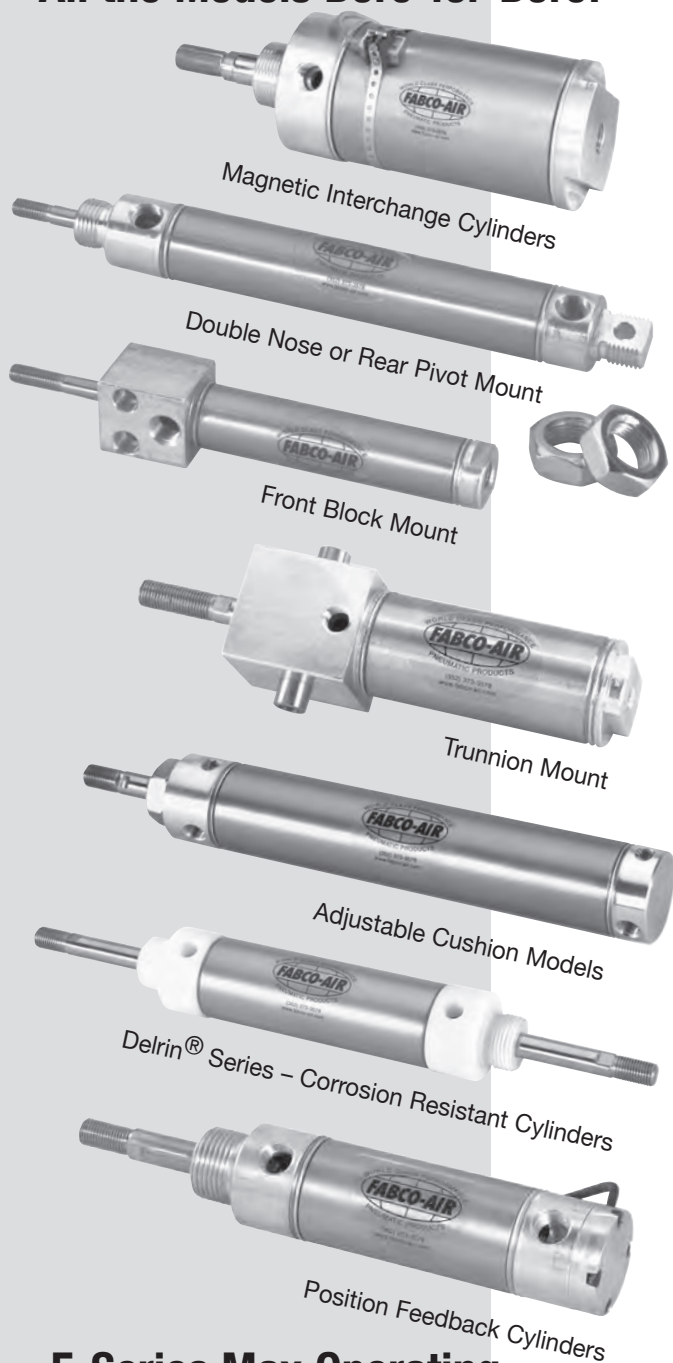
*Your Exact Interchange
for Stainless Steel Body,
Non-repairable Cylinders*



F-Series Direct Interchange Air Cylinders

All the Models Bore-for-Bore!

FABCO-AIR



F-Series Max Operating Pressure Ratings

F-Series Basic Cylinders	250 psi
Adjustable Cushion Cylinders	250 psi
Custom Cylinders 1" Diameter Rod, 2" Bore	250 psi
Volume Chambers	250 psi
Delrin® Series	100 psi
Magnetic Interchange Cylinders	250 psi
Hole Punch Cylinders	250 psi
3-Position Cylinders	250 psi
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Pre-Lubrication

Factory lube is a special petroleum based oil formulated for long maintenance-free performance.

Rod Bushing

Oil impregnated sintered bronze for excellent wear and long life.

Piston Rod

303 stainless steel, ground, polished, and roller burnished for corrosion-free long life.

Piston

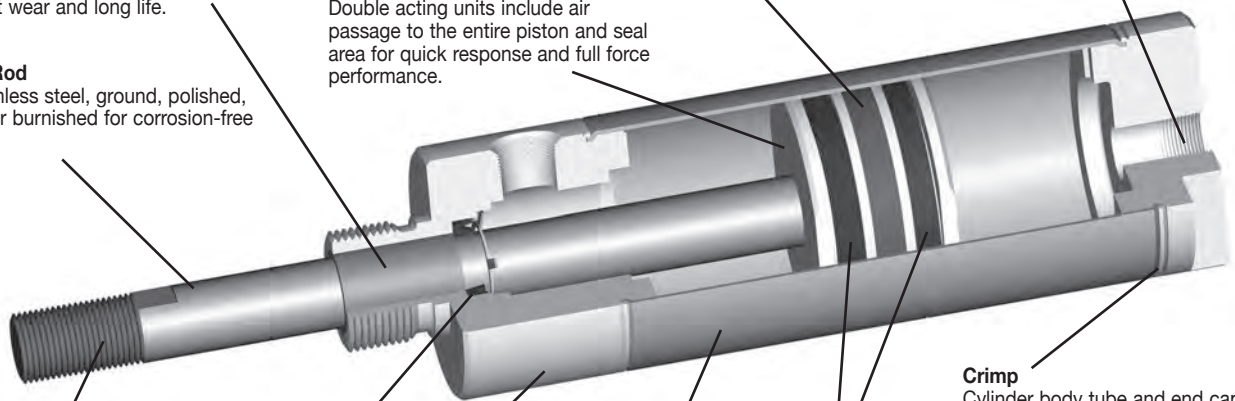
High strength aluminum in all units. Double acting units include air passage to the entire piston and seal area for quick response and full force performance.

Magnet

Piston position indication with reed or electronic sensors. See individual cylinder drawings for length adjustments. See page 62 for sensors.

Ports

Full-flow ports and cross-slots on the end caps allow air passage to the entire piston and seal area for quick response and full force performance.



Rod Thread

Roll-formed rod threads at both ends provide strength for customer connections as well as the internal piston connection.

Rod Seal

Low friction Buna N "U"-cup seal is inherently wear compensating for long, trouble-free cycle life. Optional low and high temperature seals are available.

End Caps

High strength aluminum.

Piston Seals

Low friction Buna N "U"-cups are inherently wear compensating for long, trouble-free cycle life.

Crimp

Cylinder body tube and end caps are attached with double rolled-in crimp.

Tube

Thin wall 304 stainless steel, drawn and polished for low friction and long life.

Temperature Ranges

Standard Seals -10° to +165°F (-23° to + 74°C)
Low Temperature Seals . . . -40° to +225°F (-40° to + 107°C)
Viton® Seals -15° to +350°F (-26° to + 177°C)

Stroke Tolerance = +/- .032

Overall Length Calculations for F Series Cylinders

Single acting F-Series cylinders have stop tubes added for every 1/2" or 1" depending on the bore size. Strokes with no fractional inch simplify the calculation of having a base length plus adder per inch of stroke. However, strokes with fractional inch require more in-depth calculation. The following equations help to calculate the OAL for fractional inch strokes.

Variables:

OAL = Overall Length of Cylinder

S = Actual Stroke

B = Base Length

STA = Stop Tube Adder per increment of stroke

S1 = Stroke rounded up to the next increment (5/16" and 7/16" bores have 1/2" increments)

Note: for 2" bores – use lengths shown on page 34 for whole inch strokes and subtract the difference between desired stroke and next longer standard increment. (Subtract twice for spring extend models.)

Single Acting Spring Return Cylinders

Calculate the length of next whole standard increment of stroke. Then subtract the difference between desired stroke and next longer standard increment of stroke.

$$OAL = B + (STA \times S1) - (S1 - S)$$

Example: F-1062S01-02M (2-3/4" stroke)

F-1062S01 base length = 1.938
Plus 1.562 per inch of stroke = +4.686
1.562 x 3.0 (next longer stroke increment)

F-1062S01-03A length = 6.624
Standard stroke increment = 3.000"
minus desired stroke = -2.750
Stroke difference = .250 -2.250
F-1062S01-02M length = 6.374

Double Acting Cylinders

Add desired stroke length to base length of cylinder. **OAL = B + S**

Example: F-0750D01-01E (1-1/4" stroke)

F-0750D01 base length = 2.969
Plus 1.250 stroke = +1.250
F-0750D01-01E = 4.219

Single Acting Spring Extend Cylinders

Calculate the length of next whole standard increment of stroke. Then subtract twice the difference between desired stroke and next longer standard increment of stroke.

$$OAL = B + (STA \times S1) - 2(S1 - S)$$

Example: F-0438R02-01K (1-5/8" stroke)

F-0438R02 base length = 2.375
Plus 1.438 per each 0.5" stroke = +5.752
1.438 x 4.0 (number of standard increments required for the next longer increment)

F-0438R02-02A length = 8.127
Standard stroke increment = 2.000"
minus desired stroke = -1.625
Stroke difference = .375
Twice stroke difference = .750 -7.750

F-0438R02-01K length = 7.377

Options (2 or 3 digits)
See opposite page

Series Bore Mounting Stroke Options Rod/Thread Options
F-1500 D01 - 02 A - 01 - 1A00M

Bore Size (4 digits)

0313	=	5/16"
0438	=	7/16"
0563	=	9/16"
0750	=	3/4"
0875	=	7/8"
1062	=	1-1/16"
1250	=	1-1/4"
1500	=	1-1/2"
1750	=	1-3/4"
2000	=	2"
2500	=	2-1/2"
3000	=	3"

Mounting Style (3 digits)

S01	=	Single Acting Spring Return Nose Mount
S02	=	Single Acting Spring Return Rear Pivot
R01	=	Single Acting Spring Extend Nose Mount
R02	=	Single Acting Spring Extend Rear Pivot
N01	=	Single Acting Spring Return Non-Rotating Nose Mount
N02	=	Single Acting Spring Return Non-Rotating Rear Pivot
D01	=	Double Acting Nose Mount
D02	=	Double Acting Rear Pivot
D03	=	Double Acting Double Rod
D04	=	Double Acting Double nose
D05	=	Double Acting Front Block
D13	=	Interchange Option for 1-1/16" Bore
DH3	=	Double Acting Double Rod Hollow Rod
D06	=	Double Acting Trunnion Mount
DG1	=	Double Acting Adjustable Cushion Nose Mount
DG2	=	Double Acting Adjustable Cushion Rear Pivot
DG4	=	Double Acting Adjustable Cushion Double Nose
DL1	=	Double Acting Nose Mount 2" Bore 1" Rod
DL2	=	Double Acting Rear Pivot 2" Bore 1" Rod
DC1	=	Double Acting Delrin® Nose Mount
DC2	=	Double Acting Delrin® Rear Pivot
DC3	=	Double Acting Delrin® Double Rod
DM1	=	Magnetic Interchange, Nose Mount
DM2	=	Mag. Interchange, Nose/Rear Pivot Mt.
DM3	=	Magnetic Interchange, Double Rod

Fractional Inch Stroke

(1 digit)

A	=	0"
B	=	1/16"
C	=	1/8"
D	=	3/16"
E	=	1/4"
F	=	5/16"
G	=	3/8"
H	=	7/16"
I	=	1/2"
J	=	9/16"
K	=	5/8"
L	=	11/16"
M	=	3/4"
N	=	13/16"
O	=	7/8"
P	=	15/16"

Note: See page 3 for information regarding cylinder length calculations.

Full Inch Stroke (2 digits)

00	=	0"
01	=	1"
02	=	2"
03	=	3"
.		
.		
32	=	32"

See specific cylinder drawings for maximum strokes.

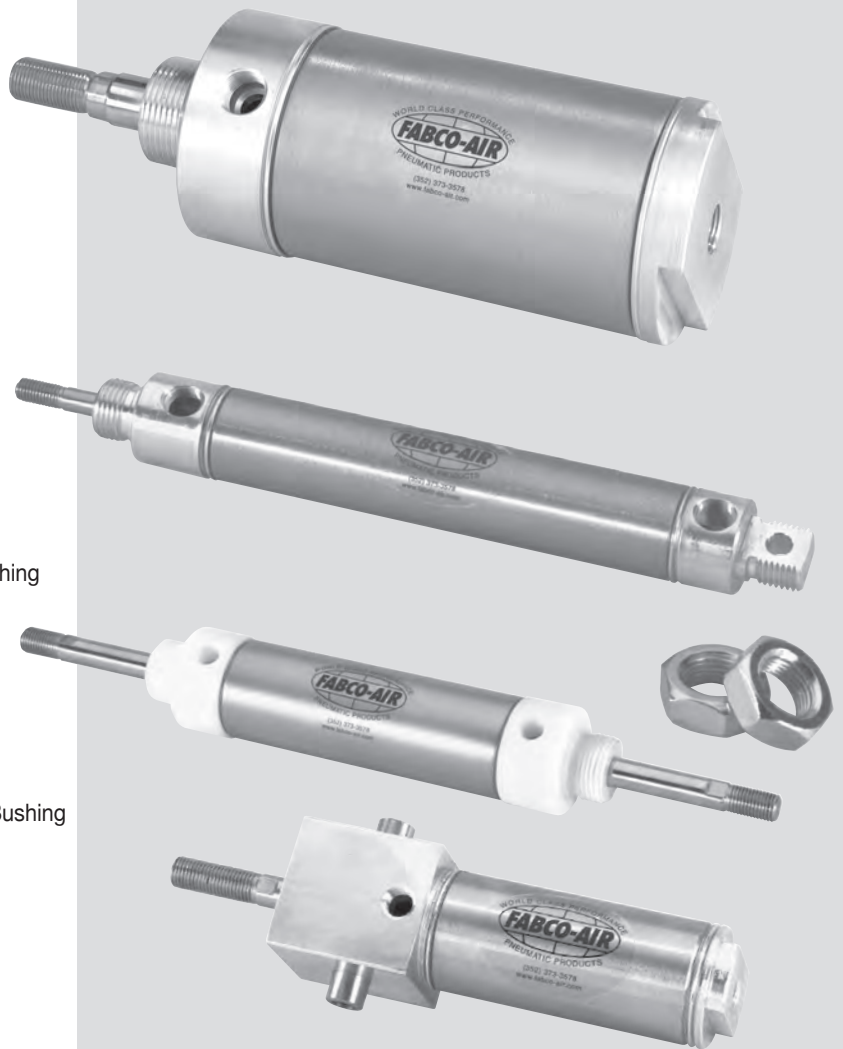
Rod and/or Thread Extension

1A	-----	=	Rod Extension (Additional length) (Code is 1A plus 3 digits) Example: 1A01A = 1" and no fractional inch extension.
2A	-----	=	Thread Extension (Additional length) (Code is 2A plus 3 digits) Example: 2A01E = 1-1/4" extension.
RT	-----	=	Rod and Thread Extension (Additional length) (Code is RT plus 6 digits; specify rod extension first) Example: RT02A01M = 2" rod extension and 1-3/4" thread extension

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Standard F-Series Options

- 01 = Bumpers
- 02 = Viton Seals
- 03 = Magnet
- 04 = Bumpers, and Magnet
- 05 = Pivot bushing
- 06 = Bumpers, and Pivot Bushing
- 07 = Viton Seals, and Pivot Bushing
- 08 = Magnet, and Pivot Bushing
- 09 = Bumpers, Magnet, and Pivot Bushing
- 20 = Port Rotated w/ No Options
- 30 = Rod Wiper w/ No Options
- 31 = Rod Wiper w/ Bumpers
- 32 = Rod Wiper w/ Viton Seals
- 33 = Rod Wiper w/ Magnet
- 34 = Rod Wiper w/ Bumpers, and Magnet
- 35 = Rod Wiper w/ Pivot bushing
- 36 = Rod Wiper w/ Bumpers, and Pivot Bushing
- 37 = Rod Wiper w/ Viton Seals, and Pivot Bushing
- 38 = Rod Wiper w/ Magnet, and Pivot Bushing
- 39 = Rod Wiper w/ Bumpers, Magnet, and Pivot Bushing
- 50 = Side Port w/No Options
- 100 = Low Temp Seals
- 101 = Low Temp Seals and Bumpers
- 103 = Low Temp Seals and Magnet
- 104 = Low Temp Seals, Bumpers and Magnet
- 105 = Low Temp Seals and Pivot Bushing
- 106 = Low Temp Seals, Bumpers and Pivot Bushing
- 108 = Low Temp Seals, Magnet and Pivot Bushing
- 109 = Low Temp Seals, Bumpers, Magnet and Pivot Bushing
- 200 = Polypak rod seal
- 300 = Polypak piston seal
- 400 = Both Polypak rod and piston seal



HOW TO ORDER – EXAMPLES

F-0438S01-01A

- 0438 = 7/16" Bore
- S01 = Single Acting, Spring Return, Nose Mount
- 01 = 1" Stroke
- A = .00" Fractional Stroke

F-1062D02-03E-04

- 1062 = 1-1/16" Bore
- D02 = Double Acting, Rear Pivot Mount
- 03 = 3" Stroke
- E = .25" Fractional Stroke
- 04 = Bumpers and Magnet

F-1500D04-10I-01-1A02A

- 1500 = 1-1/2" Bore
- D04 = Double Acting, Double Nose
- 10 = 10" Stroke
- I = .50" Fractional Stroke
- 01 = Bumpers
- 1A02A = Additional 2" Rod Extension

F-2000DG2-20H-03-RT02A01I

- 2000 = 2" Bore
- DG2 = Double Acting, Adjustable Cushion, Rear Pivot Mount
- 20 = 20" Stroke
- H = .4375 Fractional Stroke
- 03 = Magnet
- RT02A01I = Additional 2" Rod Extension and Additional 1-1/2" Thread Extension

F-Series 5/16" Bore Cylinders

Single Acting Spring Return

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

Optional Accessories:

- F-M117001 Mounting Bracket

- F-M127001 Rod Clevis

Base Weight: .03 lbs.

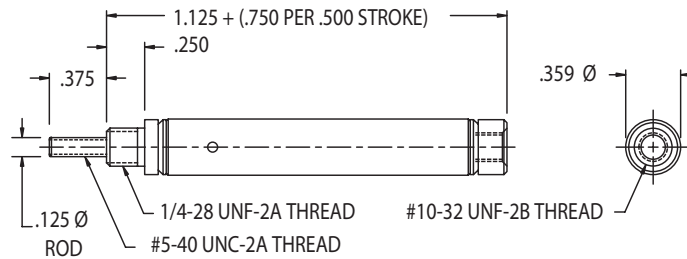
Plus .02 lbs. per inch of stroke

FABCO-AIR



F-0313S01-00A

MOUNTING NUT INCLUDED



Single Acting Spring Return

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2" 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

Optional Accessories:

- F-M117001 Mounting Bracket (with front nose mount)

- F-M117002 Mounting Bracket (with rear nose mount)

- F-M129001 Pivot Bracket

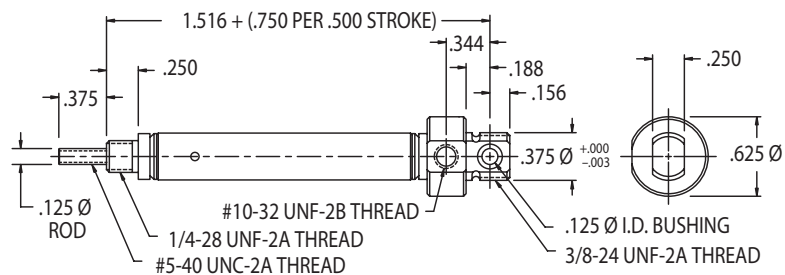
- F-M127001 Rod Clevis

Base Weight: .04 lbs.

Plus .02 lbs. per inch of stroke

F-0313S02-00A

MOUNTING NUT NOT INCLUDED



Single Acting Spring Extend

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2" 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

Optional Accessories:

- F-M117002 Mounting Bracket

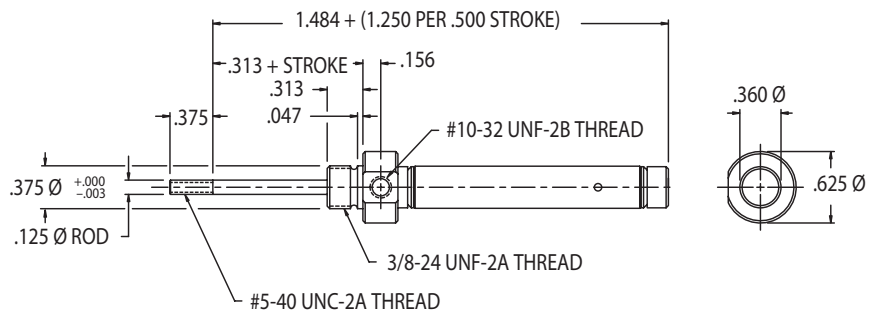
- F-M127001 Rod Clevis

Base Weight: .05 lbs.

Plus .03 lbs. per inch of stroke

F-0313R01-00A

MOUNTING NUT INCLUDED



Single Acting Spring Extend

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2" 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

Optional Accessories:

- F-M117002 Mounting Bracket

- F-M129001 Pivot Bracket

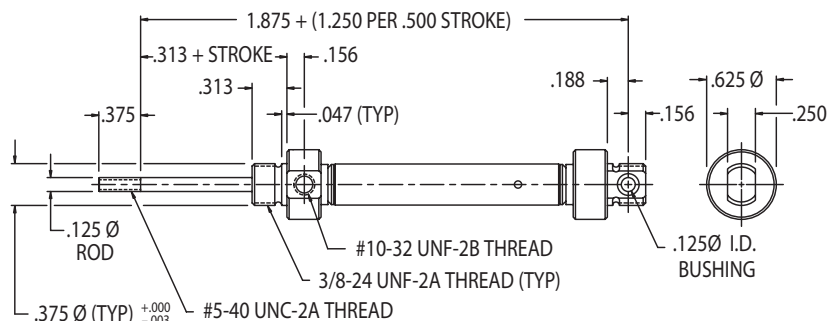
- F-M127001 Rod Clevis

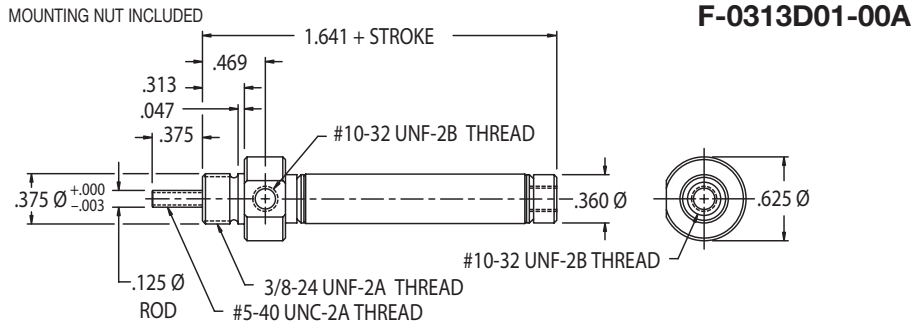
Base Weight: .05 lbs.

Plus .03 lbs. per inch of stroke

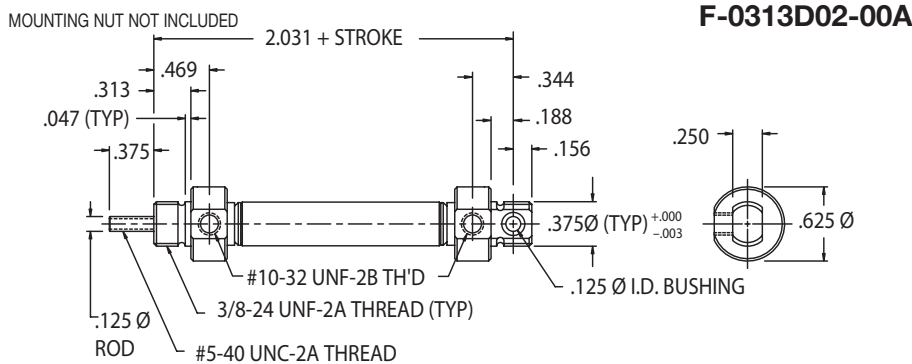
F-0313R02-00A

MOUNTING NUT NOT INCLUDED





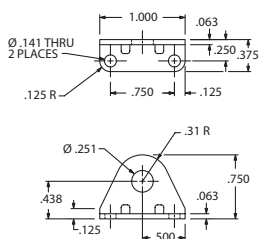
Double Acting
Front Nose Mount
 Standard Stroke Lengths:
 1/2", 1", 1-1/2" 2", 2-1/2", 3", 4"
 Maximum Stroke: 4"
 Optional Accessories:
 • F-M117002 Mounting Bracket
 • F-M127001 Rod Clevis
 Base Weight: .05 lbs.
 Plus .01 lbs. per inch of stroke



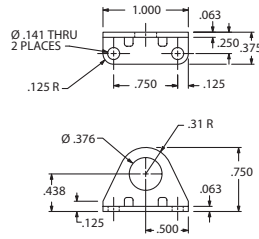
Double Acting
Double Nose or Rear Pivot Mount
 Standard Stroke Lengths:
 1/2", 1", 1-1/2" 2", 2-1/2", 3", 4"
 Maximum Stroke: 4"
 Optional Accessories:
 • F-M117002 Mounting Bracket
 • F-M129001 Pivot Bracket
 • F-M127001 Rod Clevis
 Base Weight: .06 lbs.
 Plus .01 lbs. per inch of stroke

5/16" Bore Cylinder Features – Options & Accessories

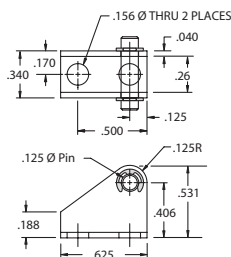
- -10° to +165°F
- Piston Rod: Ground and Polished 303 Stainless Steel
- Mounting nuts are standard on all nose mount cylinders
- Approximate Force Exerted: (0.07) x (Air Line Pressure)
- Spring Force: 0.5 lb. Relaxed – 1 lb. Compressed



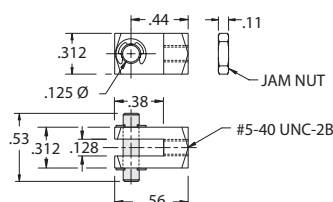
Mounting Bracket
 F-M117001



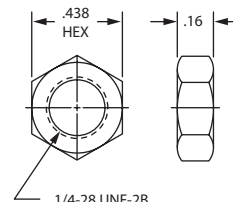
Mounting Bracket
 F-M117002



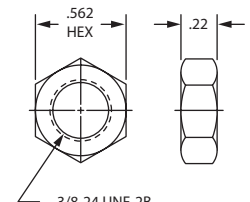
Pivot Bracket
 F-M129001



Rod Clevis
 F-M127001



Mounting Nut
 F-M190001



Mounting Nut
 F-M190002

OPTION	
• Viton® Seals –	
	Spring Return (-15° F to 300° F)
	Double Acting (-15° F to 350° F)
	Spring Extend (-15° F to 300° F)
• Ports Rotated – 90° on S02, R02, or D02 (both)	
• Rod Wipers – Not available	
• Side Port	
• Low Temperature Seals – Not available	
• Rod Extension	
• Rod Thread Extension	

F-Series

7/16" Bore Cylinders

Single Acting Spring Return

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

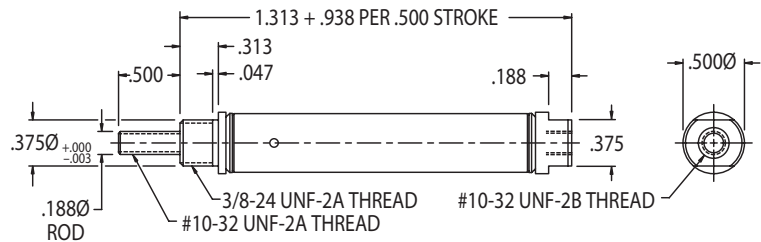
- F-M117004 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .04 lbs.

Plus .04 lbs. per inch of stroke

F-0438S01-00A

MOUNTING NUT INCLUDED



Single Acting Spring Return

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

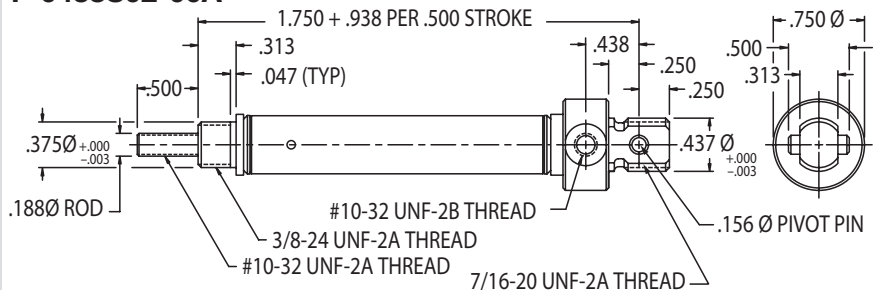
- F-M117004 Front Mounting Bracket
- F-M117003 Rear Mounting Bracket
- F-M029002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .04 lbs.

Plus .04 lbs. per inch of stroke

F-0438S02-00A

MOUNTING NUT NOT INCLUDED



Single Acting Spring Extend

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3"

Maximum Stroke: 6"

Optional Accessories:

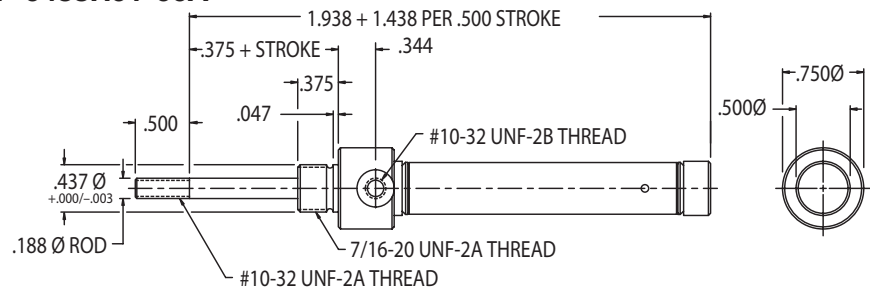
- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .08 lbs.

Plus .03 lbs. per inch of stroke

F-0438R01-00A

MOUNTING NUT INCLUDED



Single Acting Spring Extend

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3"

Maximum Stroke: 6"

Optional Accessories:

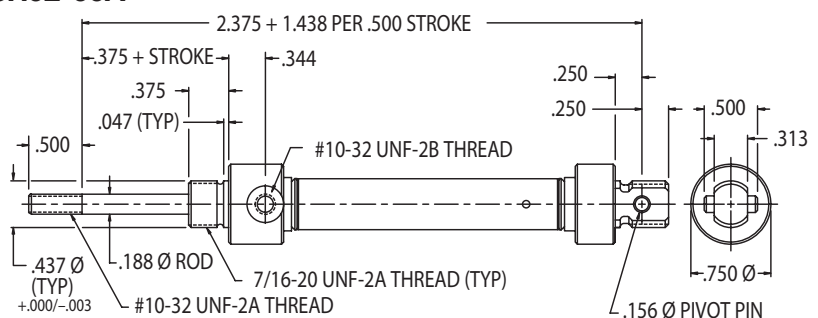
- F-M117003 Mounting Bracket
- F-M029002 Pivot Bracket
- F-M127002 Rod Clevis

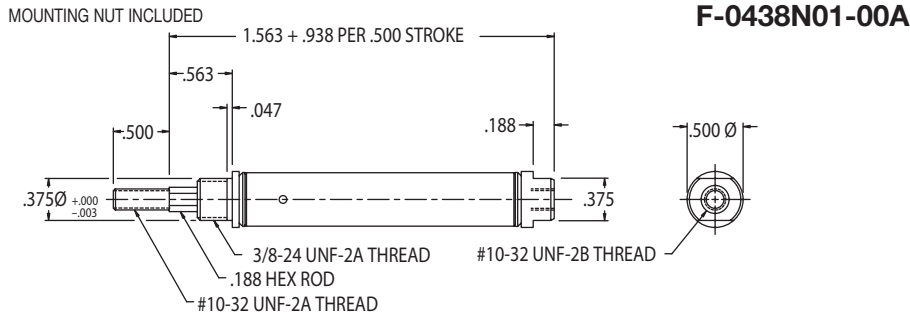
Base Weight: .08 lbs.

Plus .03 lbs. per inch of stroke

F-0438R02-00A

MOUNTING NUT NOT INCLUDED





Single Acting Spring Return
Front Nose Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

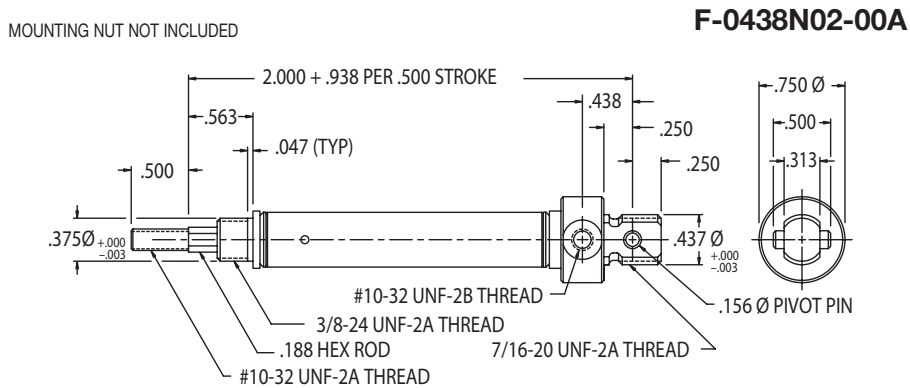
Maximum Stroke: 6"

Optional Accessories:

- F-M117004 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .04 lbs.

Plus .04 lbs. per inch of stroke



Single Acting Spring Return
Rear Pivot Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

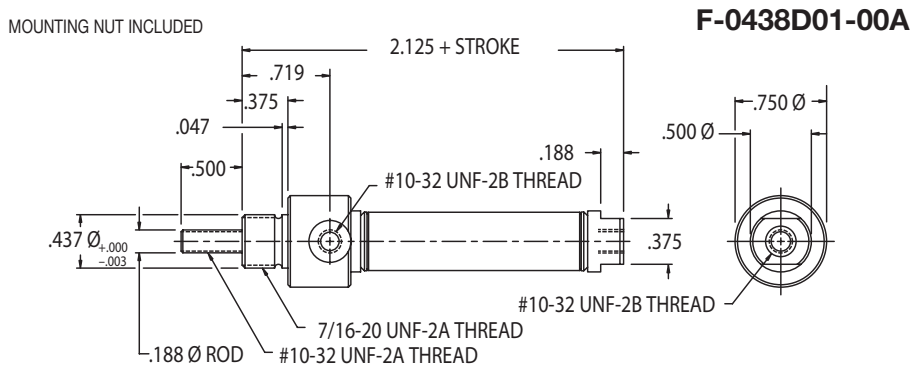
Maximum Stroke: 6"

Optional Accessories:

- F-M117004 Front Mounting Bracket
- F-M117003 Rear Mounting Bracket
- F-M029002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .04 lbs.

Plus .04 lbs. per inch of stroke



Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

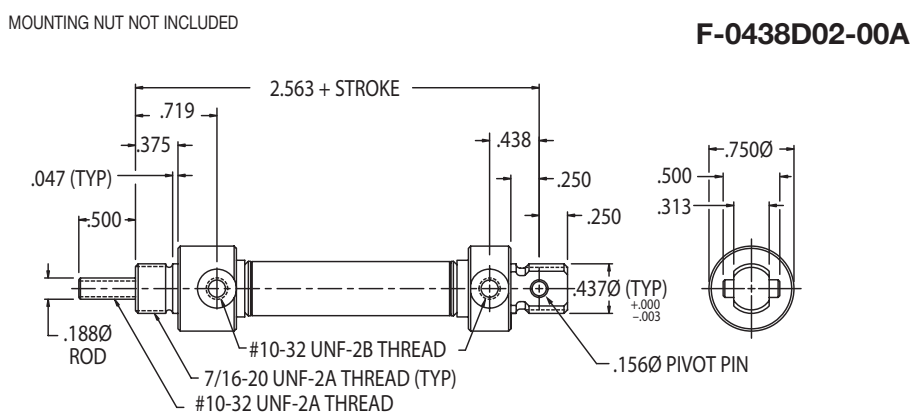
Maximum Stroke: 12"

Optional Accessories:

- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .07 lbs

Plus .02 lbs. per inch of stroke



Double Acting

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5"

Maximum Stroke: 12"

Optional Accessories:

- F-M117003 Mounting Bracket
- F-M029002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .08 lbs.

Plus .02 lbs. per inch of stroke

F-Series

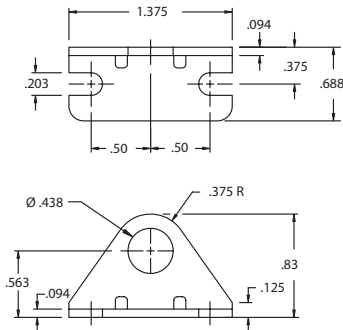
7/16" Bore Cylinders

Cylinder Features – Options & Accessories

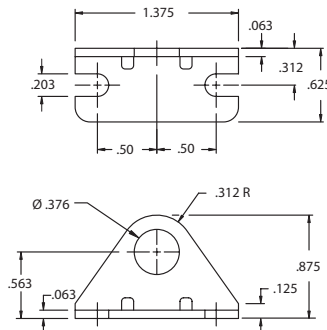
- -10° to +165°F
- Piston Rod:
Round – Ground and Polished 303 Stainless Steel
Hex – Ground 303 Stainless Steel
- Mounting nuts standard on all nose mount cylinders
- Approximate Force Exerted:
(0.15) x (Air Line PSI)
- Spring Force:
1 lb. Relaxed – 2 lb. Compressed

OPTION

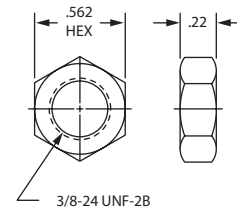
- Viton® Seals –
Spring Return (-15° F to 300° F)
D01 – Double Acting (-15° F to 350° F)
D02 – Double Acting (-15° F to 350° F)
Spring Extend (-15° F to 300° F)
- Ports Rotated – 90° on S02, R02, N02, or D02 (both)
- Rod Wiper – Not available
- Side Port
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension



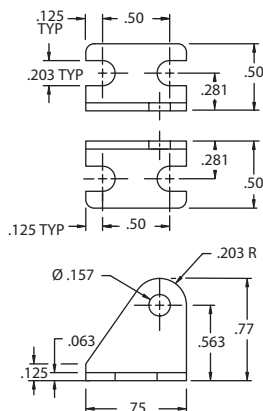
Mounting Bracket
F-M117003



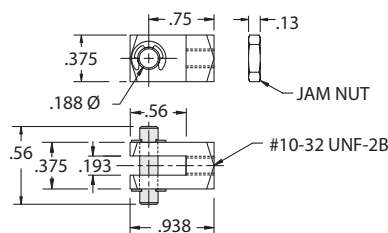
Mounting Bracket
F-M117004



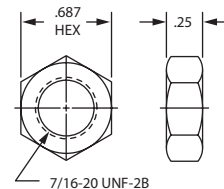
Mounting Nut
F-M190002



Pivot Bracket
F-M029002



Rod Clevis
F-M127002

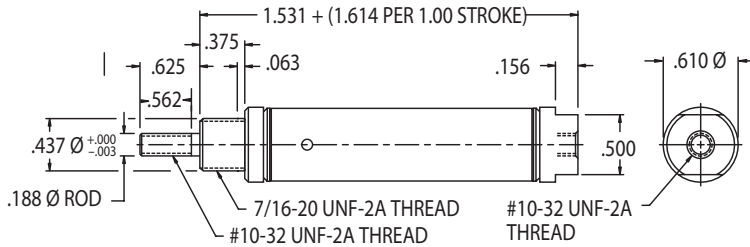


Mounting Nut
F-M190003

9/16" Bore Cylinders

MOUNTING NUT INCLUDED

F-0563S01-00A



BUMPER OPTION (AVAILABLE AT CAP END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Single Acting Spring Return

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

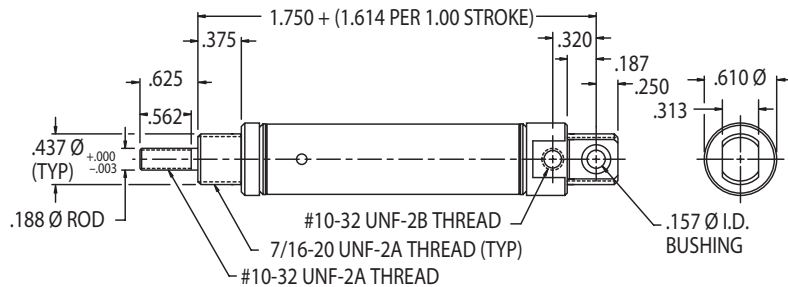
- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .06 lbs.

Plus .05 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0563S02-00A



BUMPER OPTION (AVAILABLE AT CAP END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Single Acting Spring Return

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

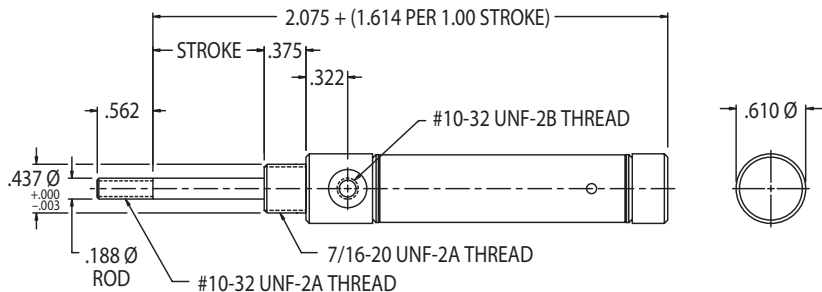
- F-M117003 Mounting Bracket
- F-M129002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .06 lbs.

Plus .05 lbs. per inch of stroke

MOUNTING NUT INCLUDED

F-0563R01-00A



BUMPER OPTION (AVAILABLE AT ROD END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Single Acting Spring Extend

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3"

Maximum Stroke: 6"

Optional Accessories:

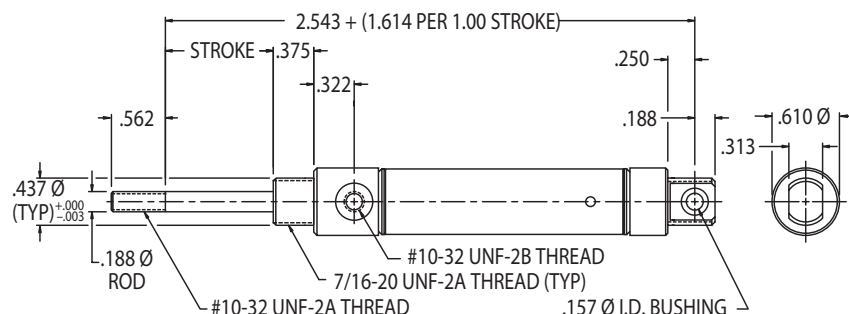
- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .08 lbs.

Plus .04 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0563R02-00A



BUMPER OPTION (AVAILABLE AT ROD END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Single Acting Spring Extend

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3"

Maximum Stroke: 6"

Optional Accessories:

- F-M117003 Mounting Bracket
- F-M129002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .08 lbs.

Plus .04 lbs. per inch of stroke

F-Series

9/16" Bore Cylinders

Single Acting Spring Return
Front Nose Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .06 lbs.

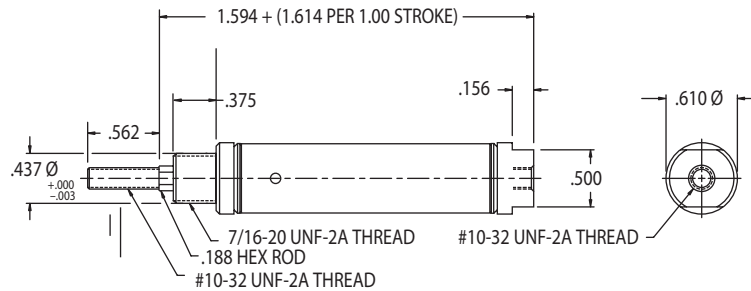
Plus .05 lbs. per inch of stroke



FABCO-AIR

F-0563N01-00A

MOUNTING NUT INCLUDED



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Single Acting Spring Return
Rear Pivot Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

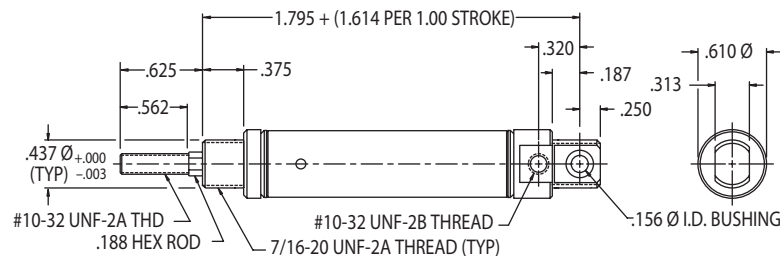
- F-M117003 Mounting Bracket
- F-M129002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .06 lbs.

Plus .05 lbs. per inch of stroke

F-0563N02-00A

MOUNTING NUT NOT INCLUDED



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .062 TO OAL
MAGNETIC PISTON - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .713 TO OAL

Double Acting
Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 12"

Optional Accessories:

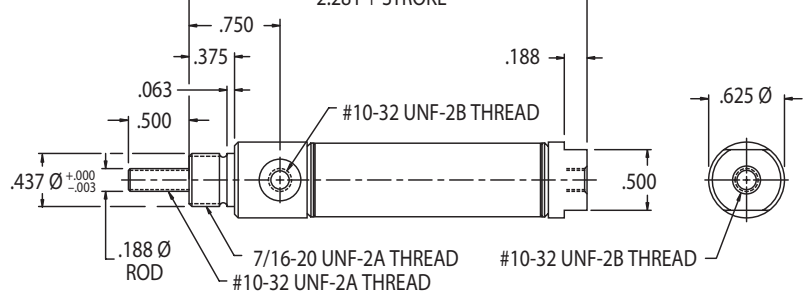
- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .09 lbs.

Plus .02 lbs. per inch of stroke

F-0563D01-00A

MOUNTING NUT INCLUDED



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON - ADD .250 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .375 TO OAL

Double Acting
Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 12"

Optional Accessories:

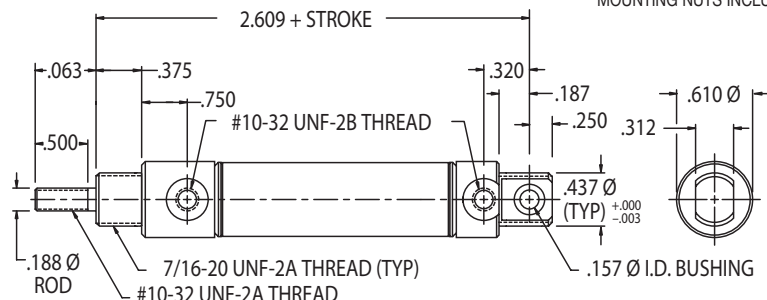
- F-M117003 Mounting Bracket
- F-M129002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .09 lbs.

Plus .02 lbs. per inch of stroke

F-0563D02-00A or F-0563D04-00A

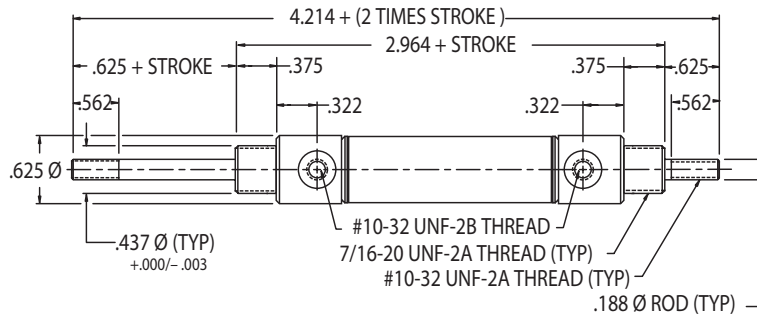
MOUNTING NUT NOT INCLUDED - D02
MOUNTING NUTS INCLUDED - D04



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON - ADD .250 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .375 TO OAL

MOUNTING NUT INCLUDED

F-0563D03-00A



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON - ADD .250 TO OAL
BOTH BUMPER & MAGNETIC PISTON - ADD .375 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

• F-M117003 Mounting Bracket

• F-M127002 Rod Clevis

Base Weight: .16 lbs.

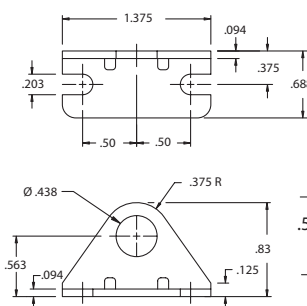
Plus .03 lbs. per inch of stroke

9/16" Bore Cylinder Specifications – Options & Accessories

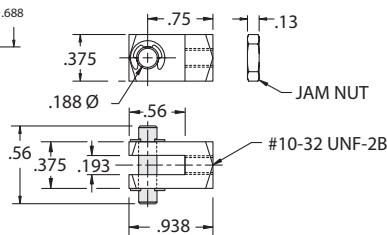
- -10° to $+165^{\circ}\text{F}$
- Piston Rod: Hex - Ground 303 Stainless Steel
Round - Ground and Polished 303 Stainless Steel
- Mounting nuts are standard on all nose mount cylinders
- Bumpers are OPTIONAL on all 9/16" bore cylinders (except in combination with Viton® option)
- Approximate Force Exerted: $(0.25) \times (\text{Air Line Pressure})$
- Spring Force: 2 lb. Relaxed – 4 lb. Compressed
- Magnetic piston optional on all 9/16" bore cylinders (except in combination with Viton® option).

OPTION

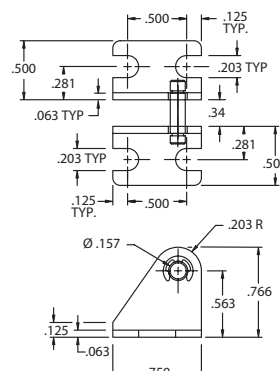
- Viton® Seals – Not available with bumpers or magnetic piston
- Spring Return (-15°F to 300°F)
- N01 & N02 Spring Return (-15°F to 300°F)
- Double Acting (-15°F to 350°F)
- Spring Extend (-15°F to 300°F)
- Double Rod (-15°F to 350°F)
- Ports Rotated – 90° on S02, R02, N02, or D02 (both)
- Rod Wiper – Not available
- Side Port – Cap end port on S01, N01, or D01
Add .03 to OAL
- Low Temperature Seals – Applications to -40°F
- Rod Extension
- Rod Thread Extension



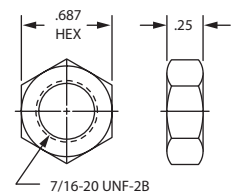
Mounting Bracket
F-M117003



Rod Clevis
F-M127002



Pivot Bracket
F-M129002



Mounting Nut
F-M190003

F-Series

3/4" Bore Cylinders

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

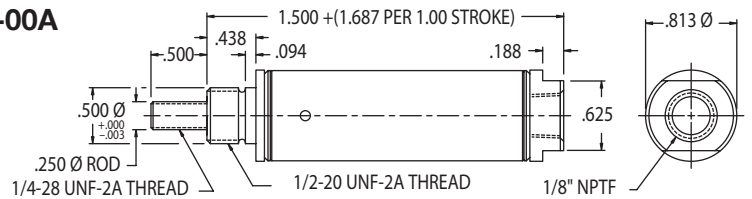
Optional Accessories:

- F-M117006 Mounting Bracket
- F-M127003 Rod Clevis

Base Weight: .10 lbs.

Plus .08 lbs. per inch of stroke

F-0750S01-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .688 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL

Single Acting Spring Return Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

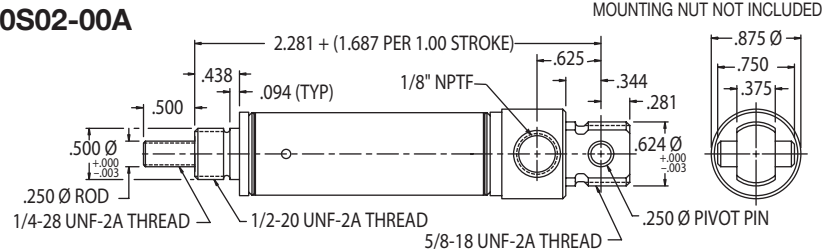
Optional Accessories:

- F-M117006 Mounting Bracket
- F-M029003 Pivot Bracket
- F-M127003 Rod Clevis

Base Weight: .13 lbs.

Plus .08 lbs. per inch of stroke

F-0750S02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .688 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

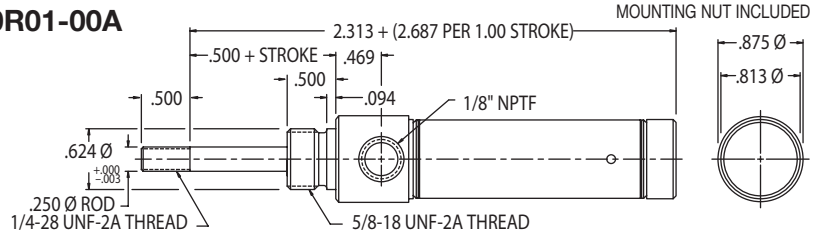
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127003 Rod Clevis

Base Weight: .18 lbs.

Plus .07 lbs. per inch of stroke

F-0750R01-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .688 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL

Single Acting Spring Extend Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

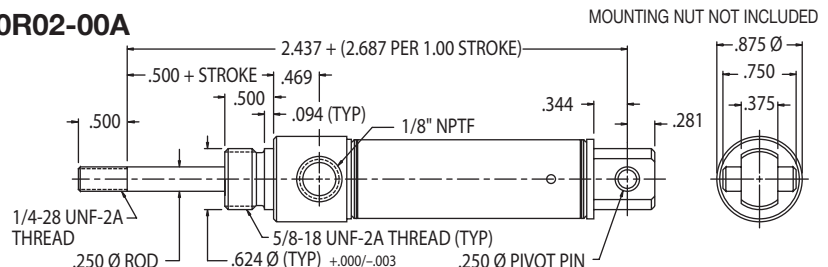
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M029003 Pivot Bracket
- F-M127003 Rod Clevis

Base Weight: .18 lbs.

Plus .07 lbs. per inch of stroke

F-0750R02-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .688 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL

Single Acting Spring Return Front Nose Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

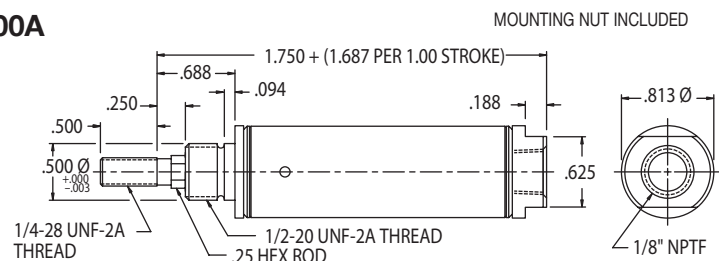
Optional Accessories:

- F-M117006 Mounting Bracket
- F-M127003 Rod Clevis

Base Weight: .10 lbs.

Plus .08 lbs. per inch of stroke

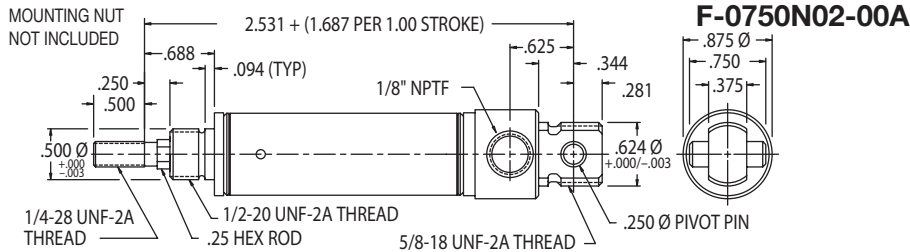
F-0750N01-00A



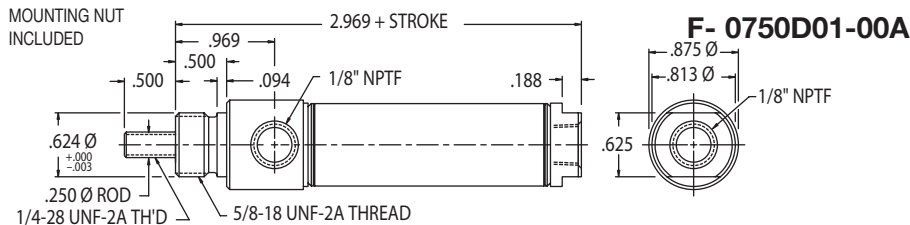
BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .688 TO OAL

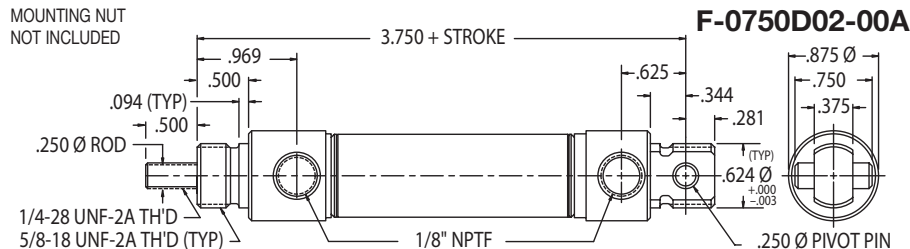
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL



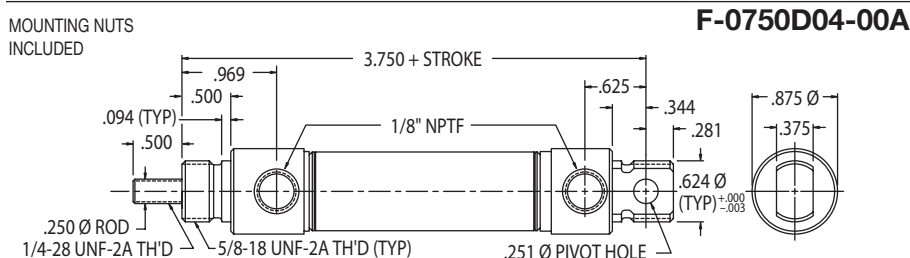
BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL
MAGNETIC PISTON OPTION - ADD .688 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .890 TO OAL



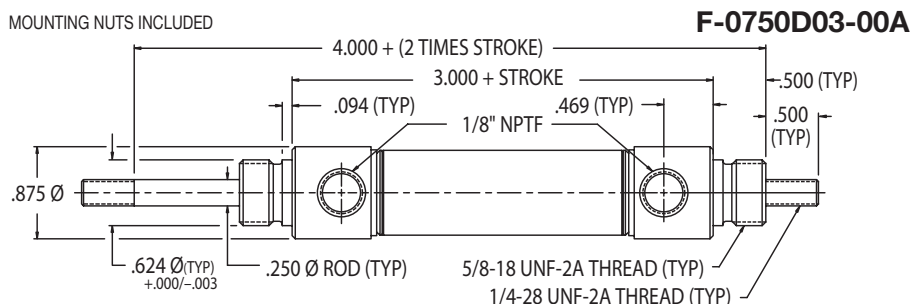
BUMPER OPTION - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL



BUMPER OPTION - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL



BUMPER OPTION - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Single Acting Spring Return
Rear Pivot Mount Non-Rotating
Standard Stroke Lengths:
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"
Maximum Stroke: 6"
Optional Accessories:
• F-M117006 Mounting Bracket
• F-M029003 Pivot Bracket
• F-M127003 Rod Clevis
Base Weight: .12 lbs.
Plus .08 lbs. per inch of stroke

Double Acting
Front Nose Mount
Standard Stroke Lengths:
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"
Maximum Stroke: 12"
Optional Accessories:
• F-M117005 Mounting Bracket
• F-M127003 Rod Clevis
Base Weight: .21 lbs.
Plus .03 lbs. per inch of stroke

Double Acting
Rear Pivot Mount
Standard Stroke Lengths:
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"
Maximum Stroke: 32"
Optional Accessories:
• F-M117005 Mounting Bracket
• F-M029003 Pivot Bracket
• F-M127003 Rod Clevis
Base Weight: .21 lbs.
Plus .03 lbs. per inch of stroke

Double Acting
Double Nose or Rear Pivot Mount
Standard Stroke Lengths:
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"
Maximum Stroke: 32"
Optional Accessories:
• F-M117005 Mounting Bracket
• F-M129003 Pivot Bracket
• F-M127003 Rod Clevis
Base Weight: .29 lbs.
Plus .03 lbs. per inch of stroke

Double Acting
Double Rod
Standard Stroke Lengths:
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"
Maximum Stroke: 12"
Optional Accessories:
• F-M117005 Mounting Bracket
• F-M127003 Rod Clevis
Base Weight: .37 lbs.
Plus .04 lbs. per inch of stroke

F-Series 3/4" Bore Cylinders



FABCO-AIR

Double Acting

Front Block Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

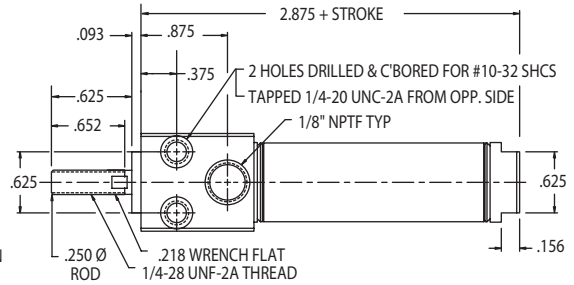
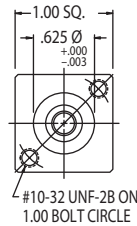
Optional Accessories:

- F-M127003 Rod Clevis

Base Weight: .22 lbs.

Plus .03 lbs. per inch of stroke

F-0750D05-00A



BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Trunnion Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

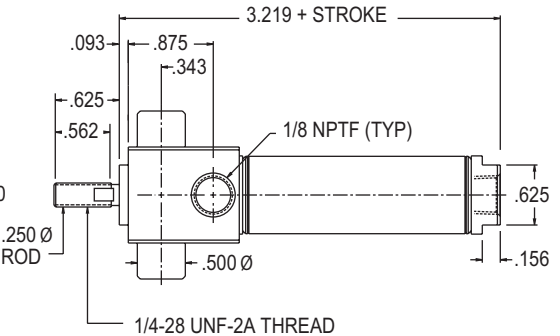
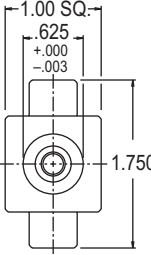
Optional Accessories:

- F-M029006 Trunnion Bracket
- F-M127003 Rod Clevis

Base Weight: .29 lbs.

Plus .03 lbs. per inch of stroke

F-0750D06-00A



BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Front Nose Mount

with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

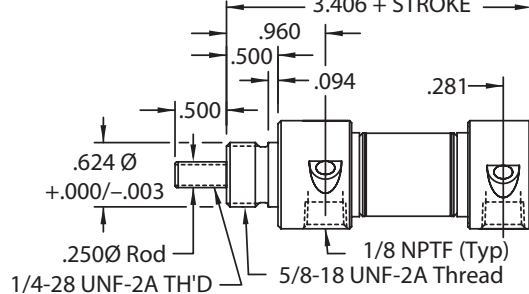
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127003 Rod Clevis

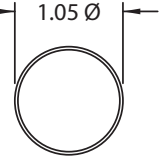
Base Weight: .24 lbs.

Plus .03 lbs. per inch of stroke

F-0750DG1-00A



MOUNTING NUT INCLUDED



MAGNETIC PISTON OPTION - NO CHANGE IN OAL

Double Acting

Rear Pivot Mount

with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

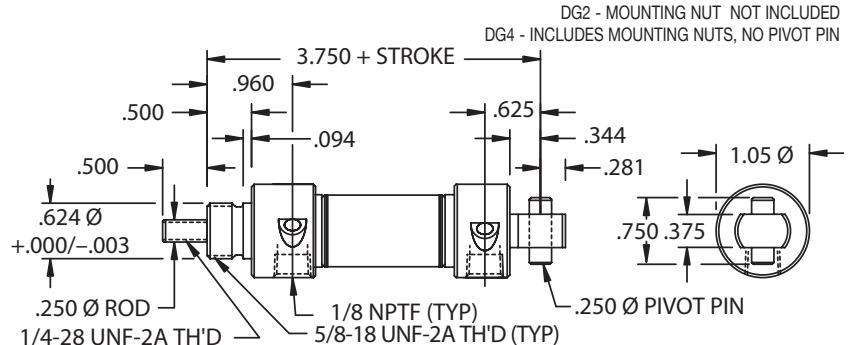
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M029003 Pivot Bracket
- F-M127003 Rod Clevis

Base Weight: .29 lbs.

Plus .03 lbs. per inch of stroke

F-0750DG2-00A or F-0750DG4-00A



DG2 - MOUNTING NUT NOT INCLUDED
DG4 - INCLUDES MOUNTING NUTS, NO PIVOT PIN

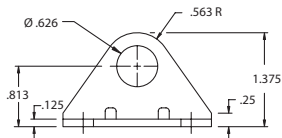
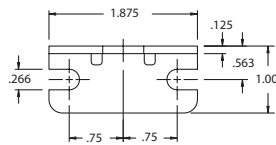
MAGNETIC PISTON OPTION - NO CHANGE IN OAL

Cylinder Specifications – Options & Accessories

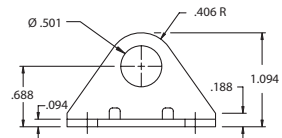
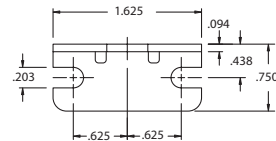
- -10° to +165°F
- Piston Rod:
Round - Ground, Polished, 303 Stainless Steel
Hex - Ground 303 Stainless Steel
- Mounting nuts are standard on all nose mount cylinders
- Bronze Rod Guide Bushing is Standard
- Approximate Force Exerted: (0.4) x (Air Line Pressure)
- Spring Force: 3 lb. Relaxed – 6 lb. Compressed
- Magnetic piston optional on all 3/4" bore cylinders (except in combination with Viton® option).

OPTION

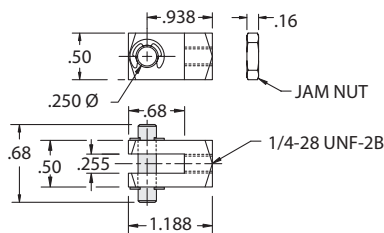
- Viton® Seals – Not available with bumpers or magnetic piston
Spring Return (-15° F to 300° F)
Double Acting (-15° F to 350° F)
Spring Extend (-15° F to 300° F)
Double Rod (-15° F to 350° F)
- Ports Rotated – 90°
on S02, R02, N02, D02 (both), or D04 (both)
- Rod Wiper – Not available in spring return models
- Side Port – Cap end port on S01, N01, D01, D05, or D06 (Add .44 to OAL)
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension



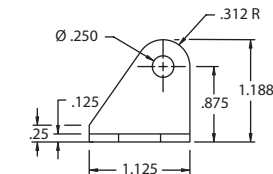
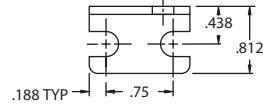
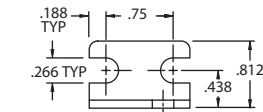
Mounting Bracket
F-M117005



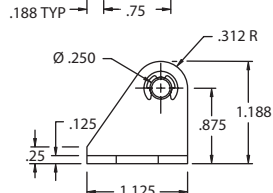
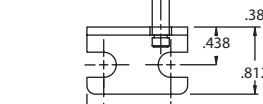
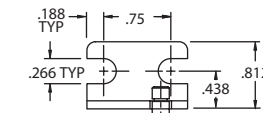
Mounting Bracket
F-M117006



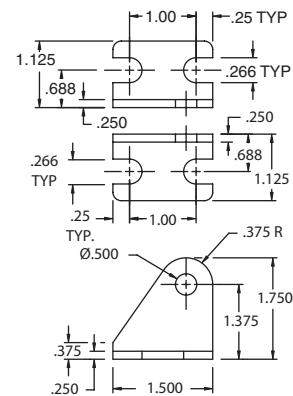
Rod Clevis
F-M127003



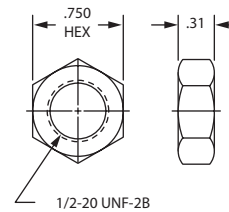
Pivot Bracket
F-M029003



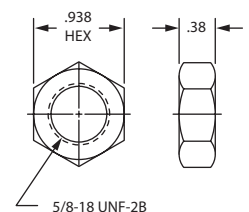
Pivot Bracket
F-M129003



Trunnion Bracket
F-M029006



Mounting Nut
F-M190004



Mounting Nut
F-M190005

F-Series

7/8" Bore Cylinders

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

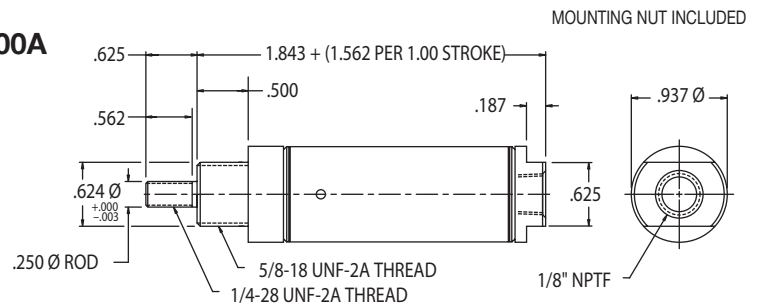
- F-M117005 Mounting Bracket

- F-M127003 Rod Clevis

Base Weight: .17 lbs.

Plus .09 lbs. per inch of stroke

F-0875S01-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

Single Acting Spring Return Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

- F-M117005 Mounting Bracket

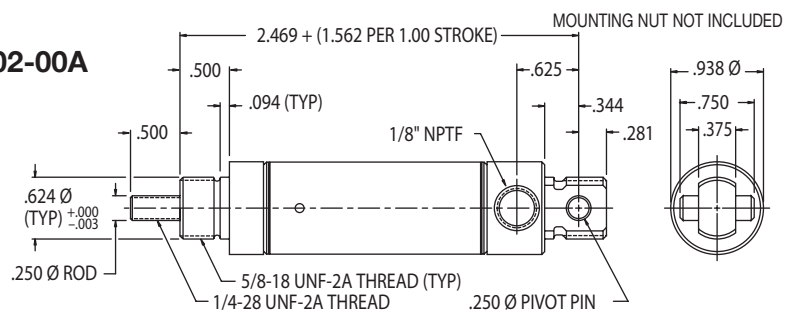
- F-M029003 Pivot Bracket

- F-M127003 Rod Clevis

Base Weight: .17 lbs.

Plus .09 lbs. per inch of stroke

F-0875S02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

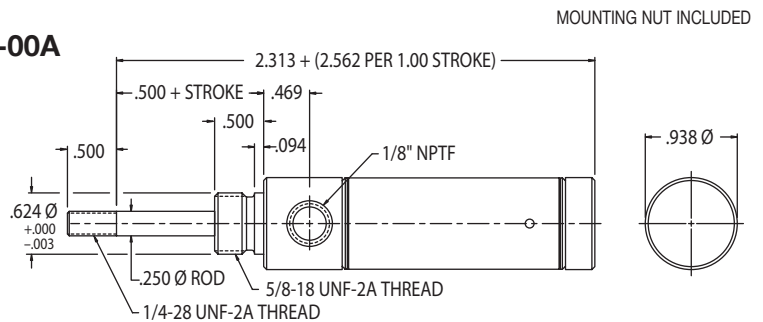
- F-M117005 Mounting Bracket

- F-M127003 Rod Clevis

Base Weight: .20 lbs.

Plus .09 lbs. per inch of stroke

F-0875R01-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

Single Acting Spring Extend Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

- F-M117005 Mounting Bracket

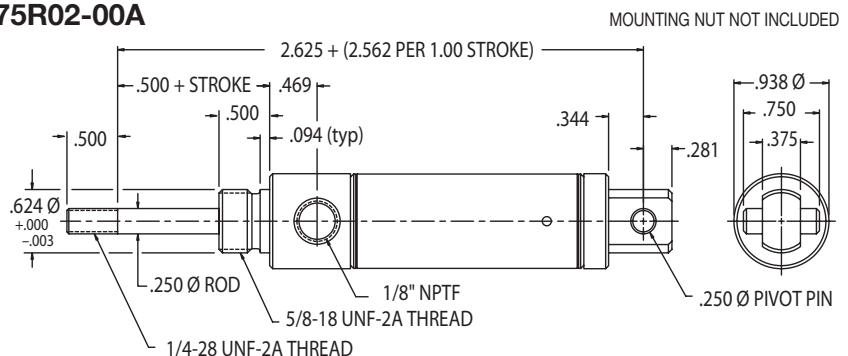
- F-M029003 Pivot Bracket

- F-M127003 Rod Clevis

Base Weight: .20 lbs.

Plus .09 lbs. per inch of stroke

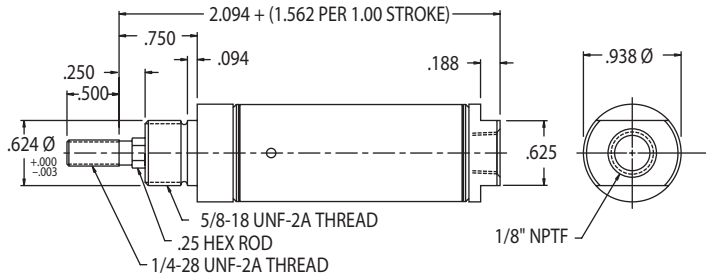
F-0875R02-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

MOUNTING NUT INCLUDED

F-0875N01-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

F-Series 7/8" Bore Cylinders

Single Acting Spring Return Front Nose Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117005 Mounting Bracket

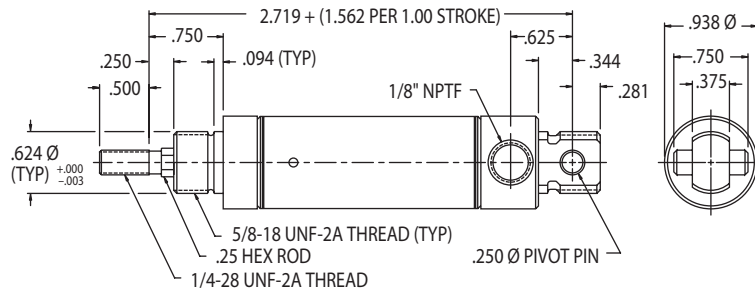
• F-M127003 Rod Clevis

Base Weight: .17 lbs.

Plus .09 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0875N02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY)- NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .733 TO OAL

Single Acting Spring Return Rear Pivot Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117005 Mounting Bracket

• F-M029003 Pivot Bracket

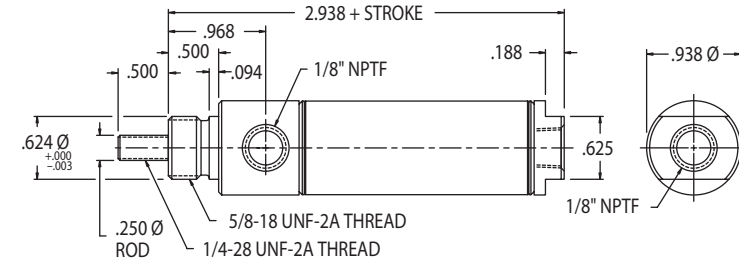
• F-M127003 Rod Clevis

Base Weight: .17 lbs.

Plus .09 lbs. per inch of stroke

MOUNTING NUT INCLUDED

F-0875D01-00A



BUMPER OPTION - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

• F-M117005 Mounting Bracket

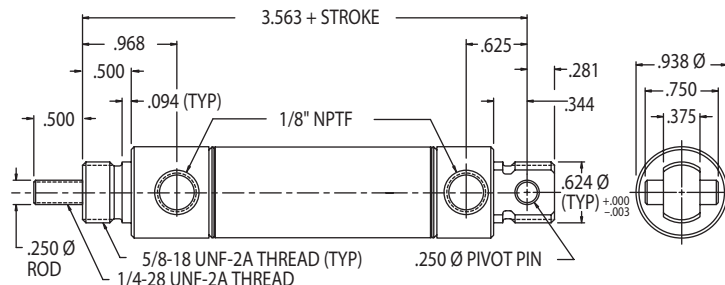
• F-M127003 Rod Clevis

Base Weight: .25 lbs.

Plus .03 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0875D02-00A



BUMPER OPTION - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 32"

Optional Accessories:

• F-M117005 Mounting Bracket

• F-M029003 Pivot Bracket

• F-M127003 Rod Clevis

Base Weight: .32 lbs.

Plus .03 lbs. per inch of stroke

F-Series

7/8" Bore Cylinders

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 32"

Optional Accessories:

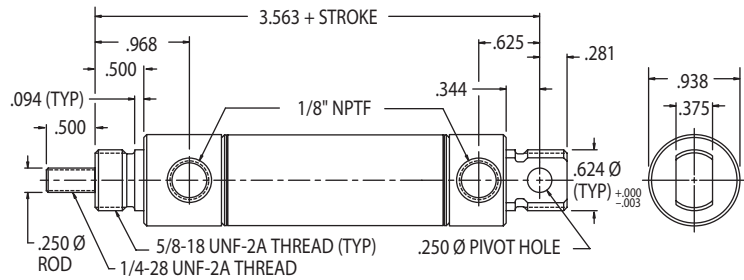
- F-M117005 Mounting Bracket
- F-M129003 Pivot Bracket
- F-M127003 Rod Clevis

Base Weight: .32 lbs.

Plus .03 lbs. per inch of stroke

F-0875D04-00A

MOUNTING NUTS INCLUDED



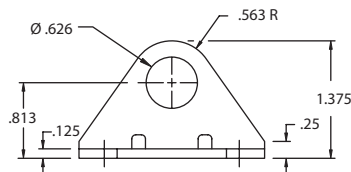
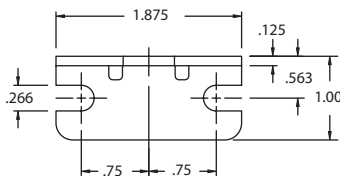
BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

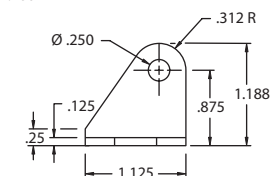
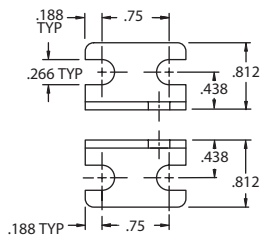
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

7/8" Bore Cylinder Specifications – Options & Accessories

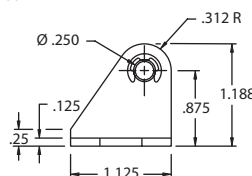
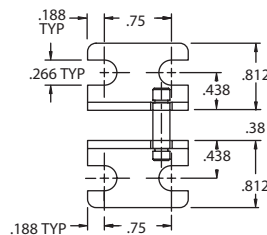
- -10° to +165°F
- Piston Rod:
Round - Ground and Polished, 303 Stainless Steel
Hex - Ground 303 Stainless Steel
- Mounting nuts are standard on all nose mount cylinders
- Bronze Rod Guide Bushing is Standard
- Approximate Force Exerted: (0.6) x (Air Line Pressure)
- Spring Force: 3 lb. Relaxed – 6 lb. Compressed
- Magnetic piston optional on all 7/8" bore cylinders (except in combination with Viton® option).



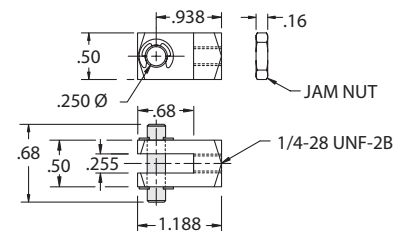
Nose Mounting Bracket
F-M117005



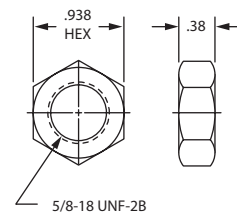
Pivot Mounting Bracket
F-M029003



Pivot Bracket
F-M129003



Rod Clevis
F-M127003



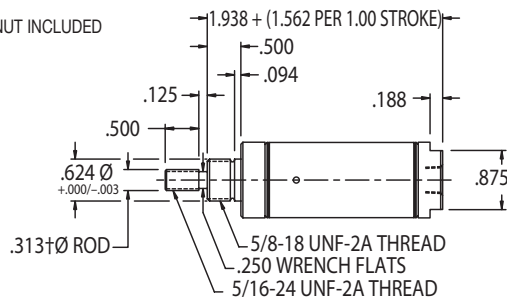
Mounting Nut
F-M190005

OPTION

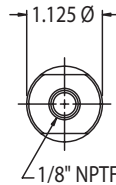
- Viton® Seals – Not available with bumpers or magnetic piston
 - S01 – Spring Return (-15° F to 300° F)
 - S02 – Spring Return (-15° F to 300° F)
 - R01 – Spring Extend (-15° F to 300° F)
 - R02 – Spring Extend (-15° F to 300° F)
 - N01 – Spring Return (-15° F to 300° F)
 - N02 – Spring Return (-15° F to 300° F)
 - D01 – Double Acting (-15° F to 350° F)
 - D02 – Double Acting (-15° F to 350° F)
 - D04 – Double Acting (-15° F to 350° F)
 - Spring Extend (-15° F to 300° F)
- Ports Rotated – 90°
on S02, R02, N02, D02 (both), or D04 (both)
- Rod Wiper – Not available in spring return models
- Side Port – Cap end port on S01, N01, or D01
Add .28 to OAL
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension

1-1/16" Bore Cylinders

MOUNTING NUT INCLUDED



F-1062S01-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL
MAGNETIC PISTON OPTION - ADD .562 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 6"

Optional Accessories:

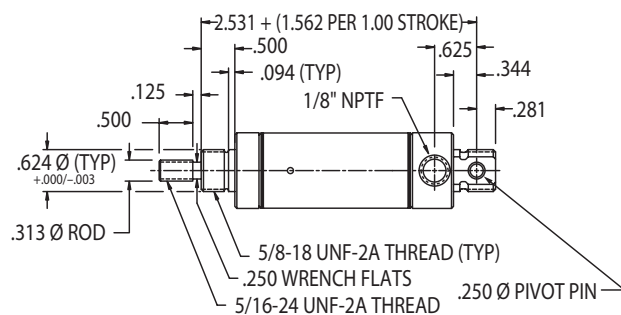
• F-M117005 Mounting Bracket

• F-M127004 Rod Clevis

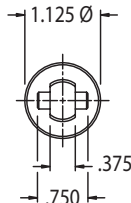
Base Weight: .23 lbs.

Plus .11 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED



F-1062S02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL
MAGNETIC PISTON OPTION - ADD .562 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117005 Mounting Bracket

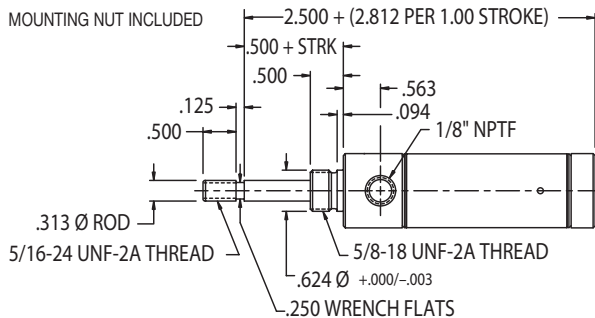
• F-M029003 Pivot Bracket

• F-M127004 Rod Clevis

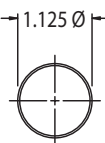
Base Weight: .24 lbs.

Plus .11 lbs. per inch of stroke

MOUNTING NUT INCLUDED



F-1062R01-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - ADD .125 TO OAL
MAGNETIC PISTON OPTION - ADD .562 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .687 TO OAL

Single Acting Spring Extend

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

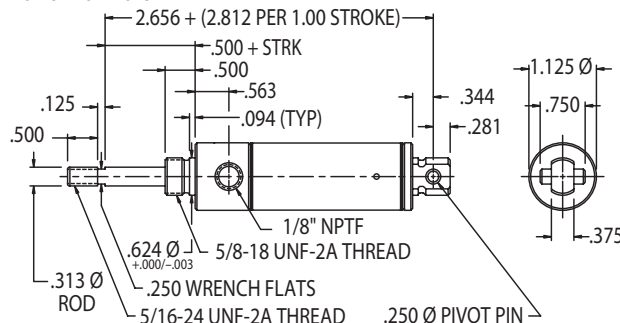
• F-M117005 Mounting Bracket

• F-M127004 Rod Clevis

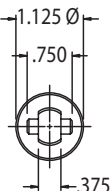
Base Weight: .24 lbs.

Plus .16 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED



F-1062R02-00A



BUMPER OPTION (AVAILABLE ROD END ONLY) - ADD .125 TO OAL
MAGNETIC PISTON OPTION - ADD .562 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Extend

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117005 Mounting Bracket

• F-M029003 Pivot Bracket

• F-M127004 Rod Clevis

Base Weight: .22 lbs.

Plus .16 lbs. per inch of stroke

F-Series

1-1/16" Bore Cylinders

Single Acting Spring Return Front Nose Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

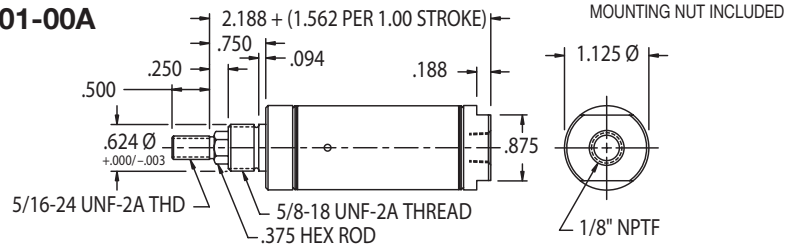
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127004 Rod Clevis

Base Weight: .25 lbs.

Plus .12 lbs. per inch of stroke

F-1062N01-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .562 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return Rear Pivot Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

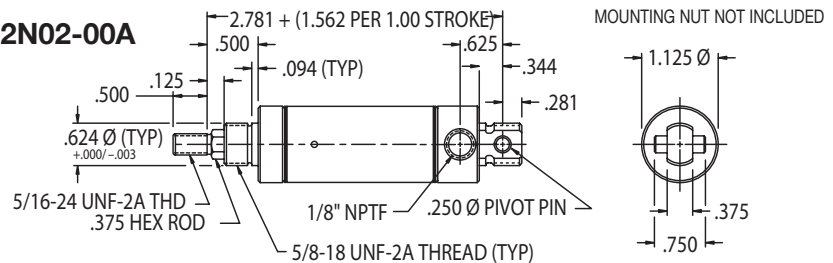
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M029003 Pivot Bracket
- F-M127004 Rod Clevis

Base Weight: .25 lbs.

Plus .12 lbs. per inch of stroke

F-1062N02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - ADD .125 TO OAL

MAGNETIC PISTON OPTION - ADD .562 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

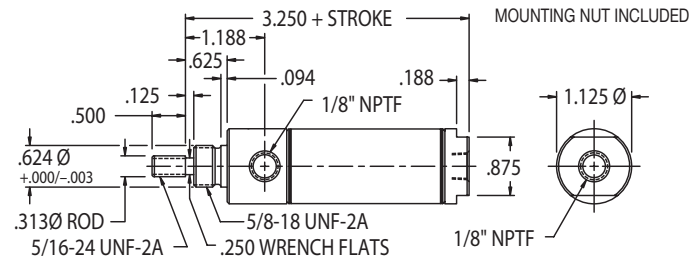
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127004 Rod Clevis

Base Weight: .33 lbs.

Plus .05 lbs. per inch of stroke

F-1062D01-00A



\$20.90 Base Price

Add \$1.68 per inch of stroke

BUMPER OPTION - ADD .125 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

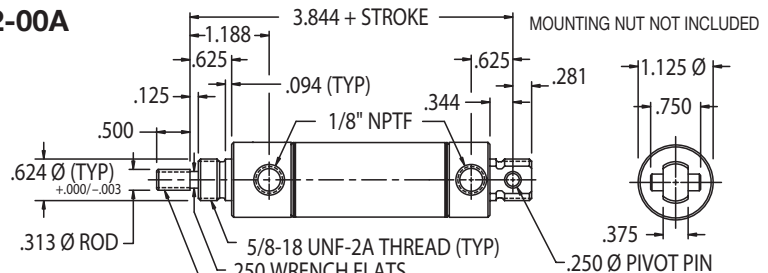
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M029003 Pivot Bracket
- F-M127004 Rod Clevis

Base Weight: .33 lbs.

Plus .05 lbs. per inch of stroke

F-1062D02-00A



BUMPER OPTION - ADD .125 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

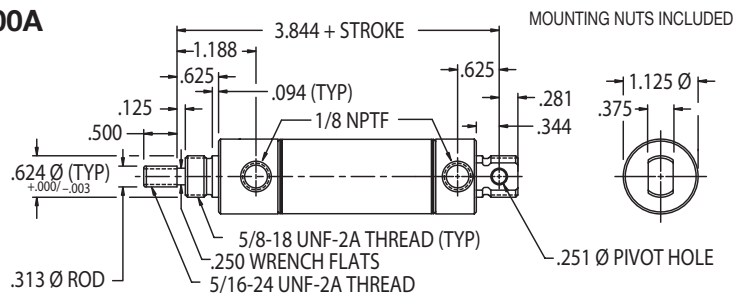
Optional Accessories:

- F-M117005 Mounting Bracket
- F-M129003 Pivot Bracket
- F-M127004 Rod Clevis

Base Weight: .33 lbs.

Plus .05 lbs. per inch of stroke

F-1062D04-00A



BUMPER OPTION - ADD .125 TO OAL

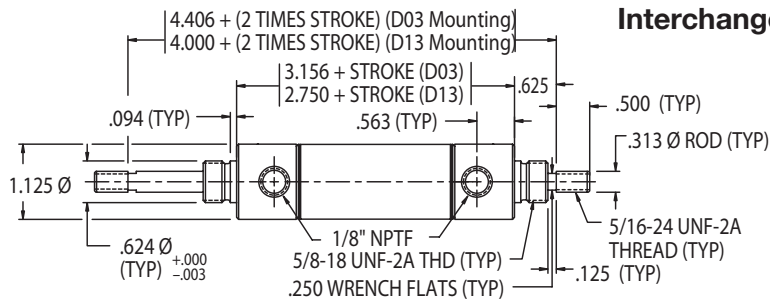
MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

F-Series 1-1/16" Bore Cylinders

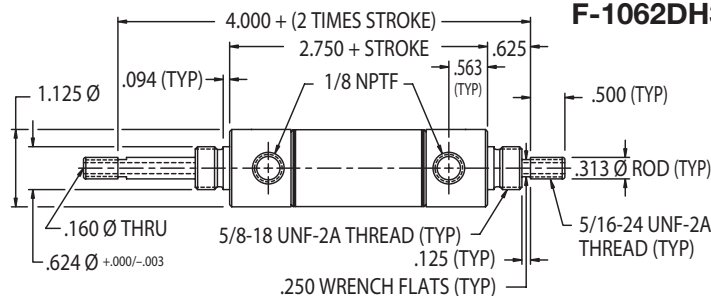
MOUNTING NUTS INCLUDED

F-1062D03-00A and F-1062D13-00A
(D03 Mounting) **Interchange Model**



BUMPER OPTION - ADD .250 TO OAL
 D03 - MAGNETIC PISTON OPTION - ADD .000 TO OAL
 D13 - MAGNETIC PISTON OPTION - ADD .406 TO OAL
 D03 - BOTH BUMPER & MAG. PISTON OPTIONS - ADD .250 TO OAL
 D13 - BOTH BUMPER & MAG. PISTON OPTIONS - ADD .656 TO OAL

MOUNTING NUTS INCLUDED



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - ADD .406 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .656 TO OAL

F-1062DH3-00A

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

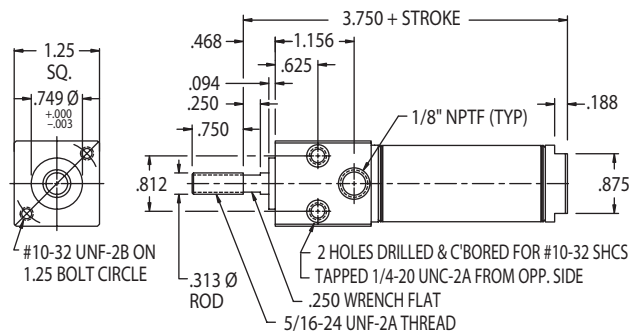
Maximum Stroke: 12"

Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127004 Rod Clevis

Base Weight: .48 lbs.

Plus .07 lbs. per inch of stroke



BUMPER OPTION - ADD .125 TO OAL
 MAGNETIC PISTON OPTION - NO CHANGE IN OAL
 BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

F-1062D05-00A

Double Acting

Front Block Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

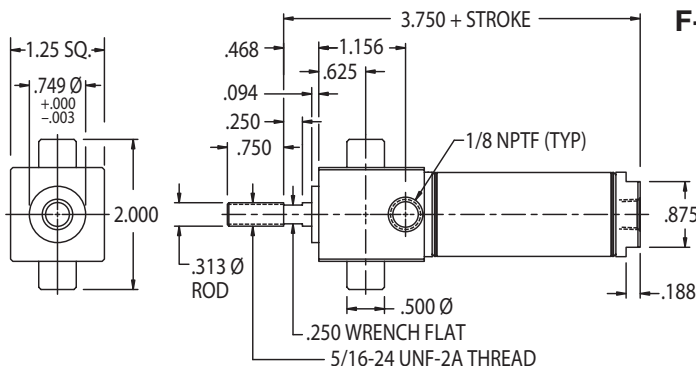
Maximum Stroke: 12"

Optional Accessories:

- F-M127004 Rod Clevis

Base Weight: .49 lbs.

Plus .05 lbs. per inch of stroke



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

9-20-18

Please visit <http://portal.fabco-air.com/configure.php> for current pricing.
Specifications and prices subject to change without notice or incurring obligation

Double Acting

Trunnion Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

- F-M117005 Mounting Bracket
- F-M127004 Rod Clevis

Base Weight: .49 lbs.

Plus .05 lbs. per inch of stroke

F-Series

1-1/16" Bore Cylinders

Double Acting Front Nose Mount with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

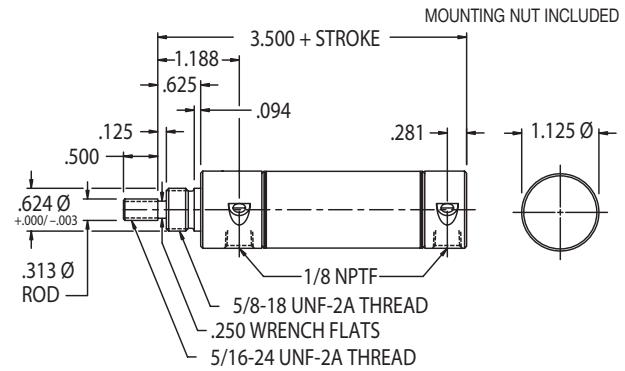
- F-M117005 Mounting Bracket

- F-M127004 Rod Clevis

Base Weight: .38 lbs.

Plus .04 lbs. per inch of stroke

F-1062DG1-00A



MAGNETIC PISTON - NO CHANGE IN OAL

Double Acting Rear Pivot Mount with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

Optional Accessories:

- F-M117005 Mounting Bracket

- F-M029003 Pivot Bracket

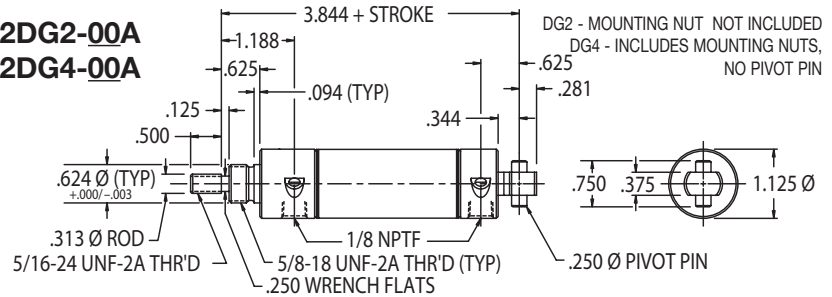
- F-M127004 Rod Clevis

Base Weight: .44 lbs.

Plus .04 lbs. per inch of stroke

F-1062DG2-00A

F-1062DG4-00A

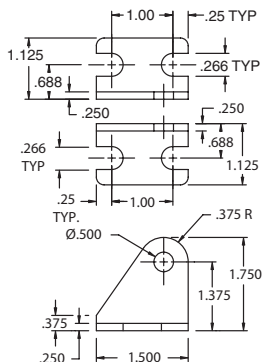


DG2 - MAGNETIC PISTON OPTION - NO CHANGE IN OAL

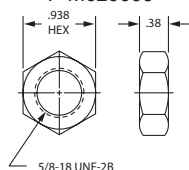
DG4 - MAGNETIC PISTON OPTION - NO CHANGE IN OAL

1-1/16" Bore Cylinder Specifications – Options & Accessories

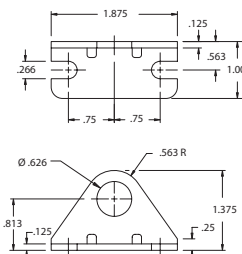
- -10° to +165°F
- Piston Rod: Hex - Ground 303 Stainless Steel
Round - Ground and Polished, 303 Stainless Steel
- Bronze rod guide bushing is standard.
- Approximate force exerted = (0.9) x (air line pressure).
- Spring force: 3 lbs. relaxed, 6 lbs. compressed.
- Mounting nuts are standard on all nose mount cylinders.
- Bumpers are optional on all 1-1/16" bore cylinders (except in combination with Viton® option).
- Magnetic piston optional on all 1-1/16" bore cylinders (except in combination with Viton® option).



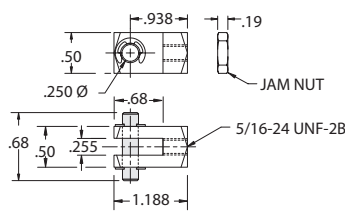
Trunnion Bracket
F-M029006



Mounting Nut
F-M190005

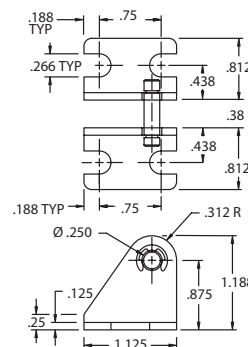


Mounting Bracket
F-M117005

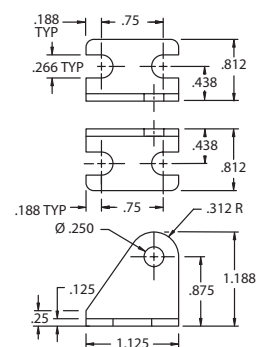


Rod Clevis
F-M127004

- OPTION**
- Viton® Seals: Not available with bumpers or magnetic piston
Spring Return (-15° F to 300° F)
N01 & N02 Spring Return (-15° F to 300° F)
Double Acting (-15°F to 350°F)
D05 - Double Acting (-15°F to 350°F)
Spring Extend (-15° F to 300° F)
Double Rod (-15°F to 350°F)
 - Ports Rotated - 90°
on S02, R02, N02, D02 (both), or D04 (both)
 - Rod Wiper - Not available in spring return
 - Side Port - Cap end port on S01, N01, D01, D05, or D06
Add .25 to OAL
 - Low Temperature Seals (Applications to -40° F)
 - Rod Extension
 - Rod Thread Extension



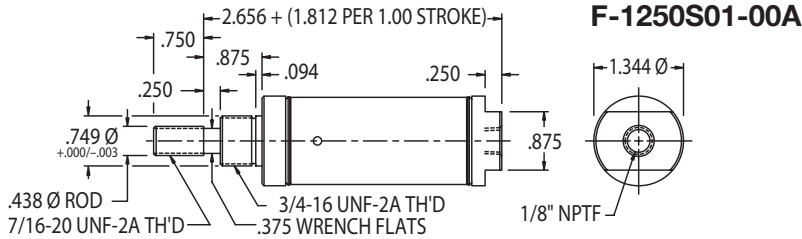
Pivot Bracket
F-M129003



Pivot Bracket
F-M029003

1-1/4" Bore Cylinders

MOUNTING NUT INCLUDED



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

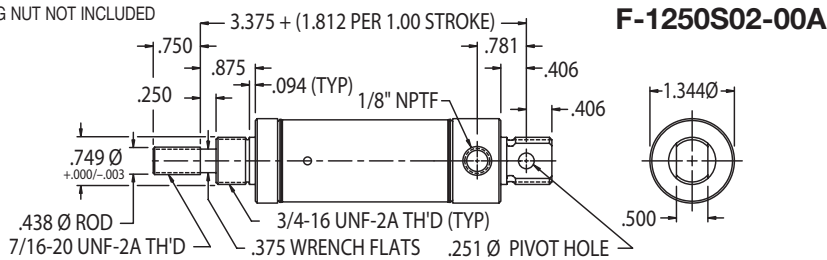
• F-M117007 Mounting Bracket

• F-M127005 Rod Clevis

Base Weight: .39 lbs.

Plus .21 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Single Acting Spring Return Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117007 Mounting Bracket

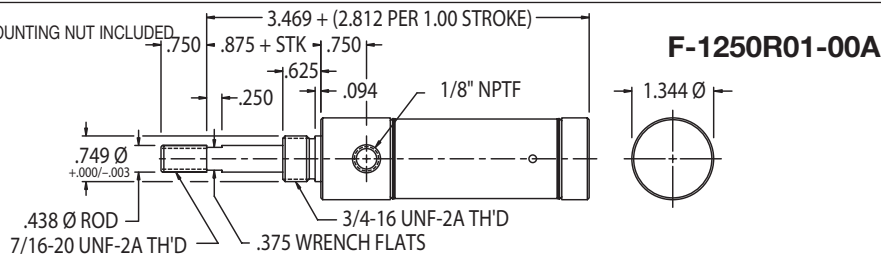
• F-M229003 Pivot Bracket

• F-M127005 Rod Clevis

Base Weight: .53 lbs.

Plus .21 lbs. per inch of stroke

MOUNTING NUT INCLUDED



BUMPER AVAILABLE ROD END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

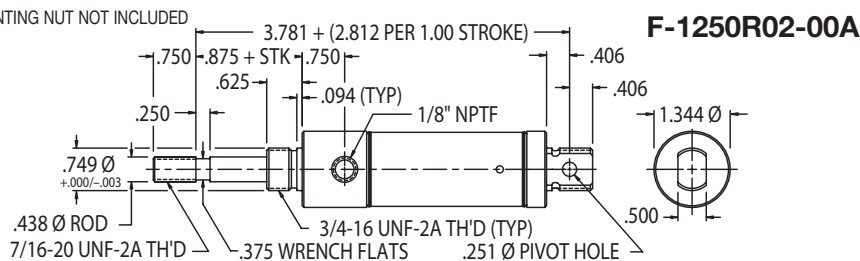
• F-M117007 Mounting Bracket

• F-M127005 Rod Clevis

Base Weight: .50 lbs.

Plus .21 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED



BUMPER AVAILABLE ROD END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Single Acting Spring Extend Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117007 Mounting Bracket

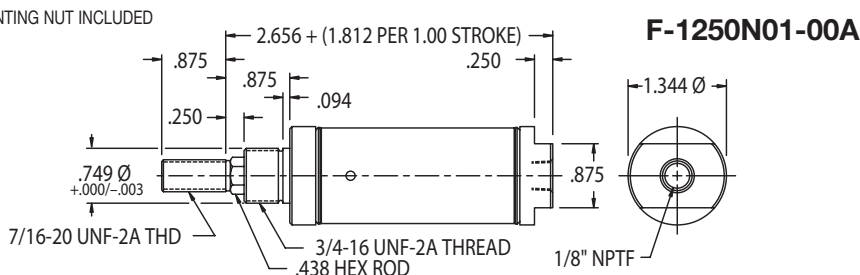
• F-M229003 Pivot Bracket

• F-M127005 Rod Clevis

Base Weight: .57 lbs.

Plus .21 lbs. per inch of stroke

MOUNTING NUT INCLUDED



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .531 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Single Acting Spring Return Front Nose Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

• F-M117007 Mounting Bracket

• F-M127005 Rod Clevis

Base Weight: .41 lbs.

Plus .20 lbs. per inch of stroke

F-Series

1-1/4" Bore Cylinders

Single Acting Spring Return
Rear Pivot Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

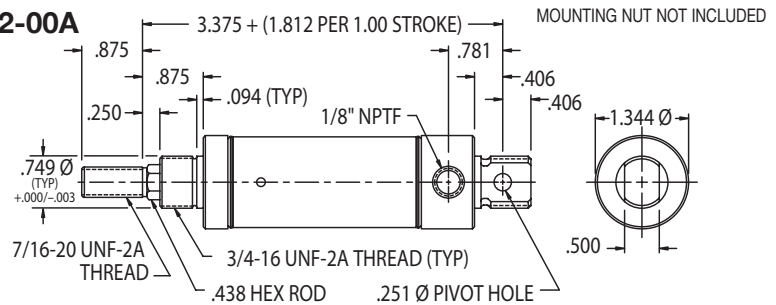
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M229003 Pivot Bracket
- F-M127005 Rod Clevis

Base Weight: .41 lbs.

Plus .20 lbs. per inch of stroke

F-1250N02-00A



BUMPER OPTION (AVAILABLE CAP END ONLY) - NO CHANGE IN OAL .. \$4.27

MAGNETIC PISTON OPTION - ADD .531 TO OAL \$26.59

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .734 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 12"

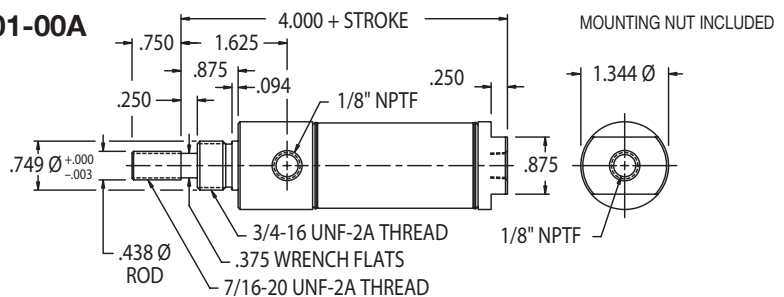
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: .58 lbs.

Plus .08 lbs. per inch of stroke

F-1250D01-00A



BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

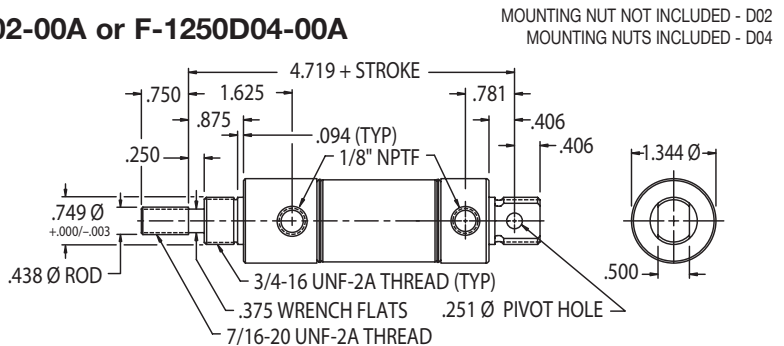
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M229003 Pivot Bracket
- F-M127005 Rod Clevis

Base Weight: .71 lbs.

Plus .08 lbs. per inch of stroke

F-1250D02-00A or F-1250D04-00A



BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .125 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

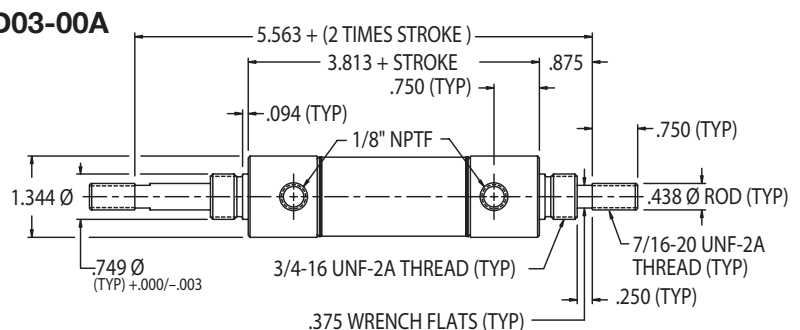
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: .98 lbs.

Plus .12 lbs. per inch of stroke

F-1250D03-00A



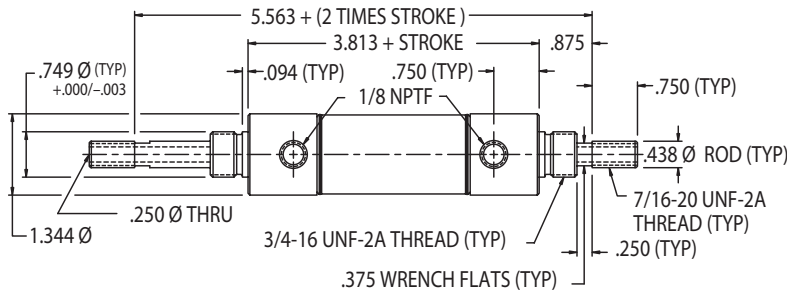
BUMPER OPTION - ADD .250 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

MOUNTING NUT INCLUDED

F-1250DH3-00A



BUMPER OPTION - ADD .250 TO OAL
 MAGNETIC PISTON OPTION - NO CHANGE IN OAL
 BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Hollow Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

• F-M117007 Mounting Bracket

Base Weight: .97 lbs.

Plus .12 lbs. per inch of stroke

1-1/4" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod:
Round – Ground and Polished, 303 Stainless Steel.
Hex – Ground 303 Stainless Steel.
- Bronze rod guide bushing is standard.
- Approximate force exerted = (1.2) x (air line pressure).
- Spring force: 7.5 lbs. relaxed, 15 lbs. compressed.
- Mounting nuts are standard on all nose mount cylinders.
- Bumpers are optional on all 1-1/4" bore cylinders (except in combination with Viton® option).
- Magnetic piston optional on all 1-1/4" bore cylinders (except in combination with Viton® option).

OPTION

- Viton® Seals – Not available with Bumpers or Magnetic Piston

S01 – Spring Return (-15°F to 300°F)

S02 – Spring Return (-15°F to 300°F)

N01 & N02 – Spring Return (-15°F to 300°F)

Double Acting (-15°F to 350°F)

R01 – Spring Extend (-15°F to 300°F)

R02 – Spring Extend (-15°F to 300°F)

Double Rod (-15°F to 350°F)

- Ports Rotated – 90°

on S02, R02, N02, or D02 (both)

- Rod Wiper – Not available in spring return models

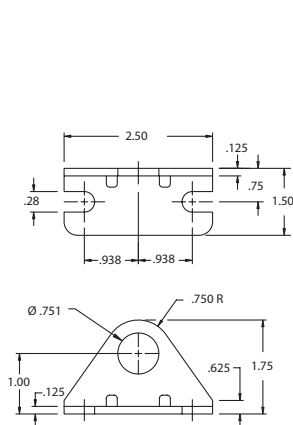
- Side Port - Cap end port on S01, N01, or D01

Add .31 to OAL

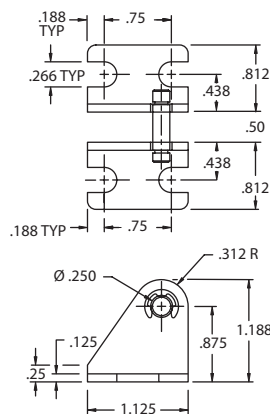
- Low Temperature Seals – Applications to -40° F

- Rod Extension -

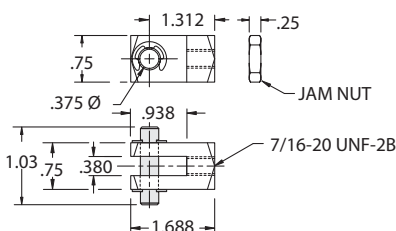
- Rod Thread Extension



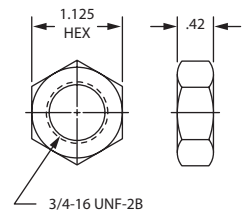
Mounting Bracket
F-M117007



Pivot Bracket
F-M229003



Rod Clevis
F-M127005



Mounting Nut
F-M190006

F-Series

1-1/2" Bore Cylinders

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

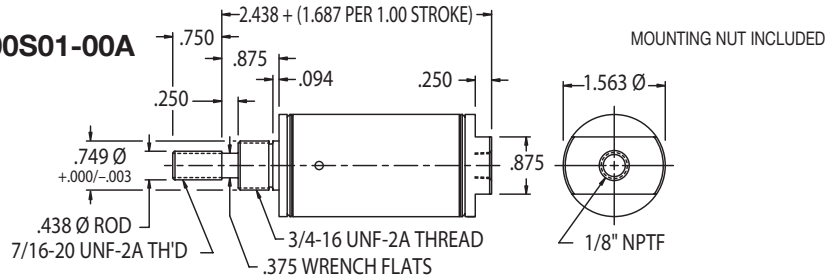
- F-M117007 Mounting Bracket

- F-M127005 Rod Clevis

Base Weight: .44 lbs.

Plus .22 lbs. per inch of stroke

F-1500S01-00A



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .438 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

- F-M117007 Mounting Bracket

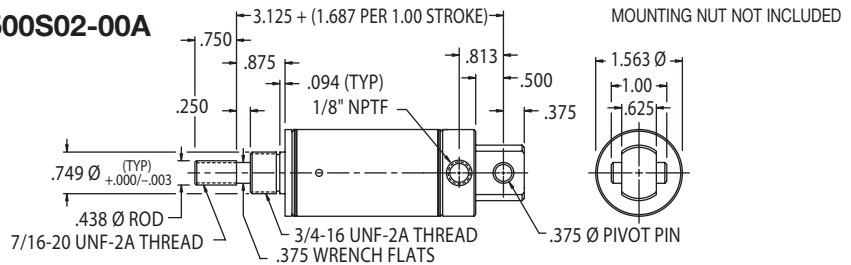
- F-M029004 Pivot Bracket

- F-M127005 Rod Clevis

Base Weight: .45 lbs.

Plus .22 lbs. per inch of stroke

F-1500S02-00A



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .438 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

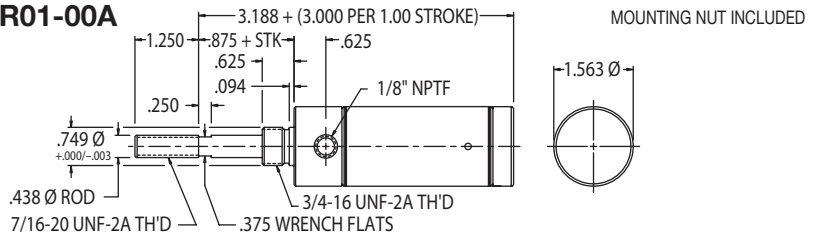
- F-M117007 Mounting Bracket

- F-M127005 Rod Clevis

Base Weight: .44 lbs.

Plus .22 lbs. per inch of stroke

F-1500R01-00A



BUMPER AVAILABLE ROD END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .500 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .827 TO OAL

Single Acting Spring Extend Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

- F-M117007 Mounting Bracket

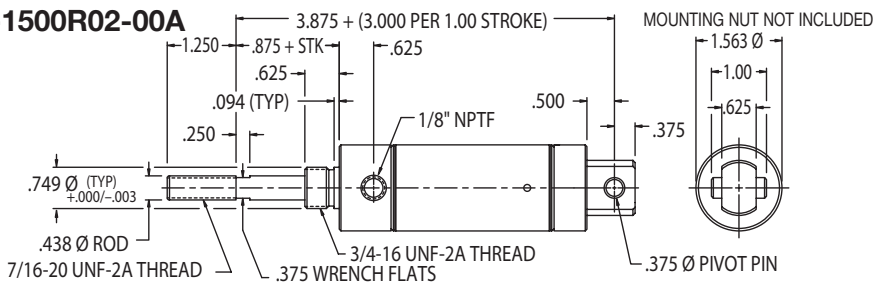
- F-M029004 Pivot Bracket

- F-M127005 Rod Clevis

Base Weight: .45 lbs.

Plus .22 lbs. per inch of stroke

F-1500R02-00A



BUMPER AVAILABLE ROD END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .438 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return Front Nose Mount

Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

Optional Accessories:

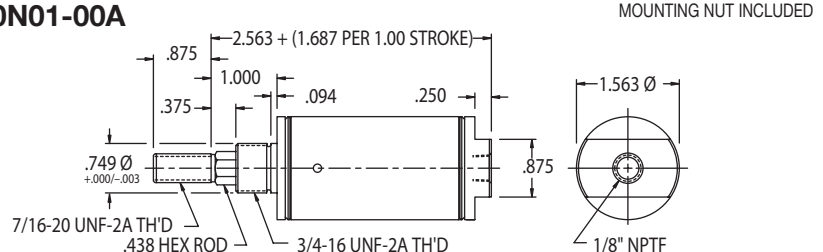
- F-M117007 Mounting Bracket

- F-M127005 Rod Clevis

Base Weight: .45 lbs.

Plus .22 lbs. per inch of stroke

F-1500N01-00A



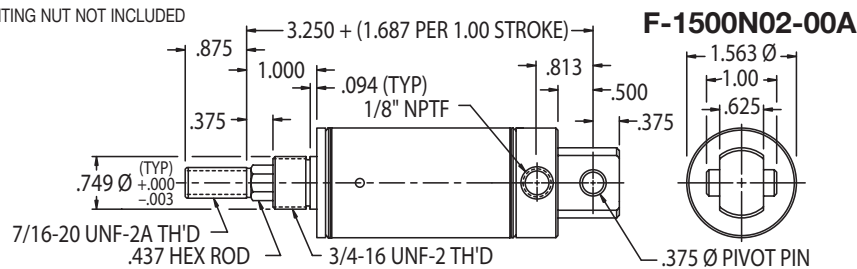
BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .438 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .750 TO OAL

1-1/2" Bore Cylinders

MOUNTING NUT NOT INCLUDED



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .438 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .765 TO OAL

Single Acting Spring Return Rear Pivot Mount Non-Rotating

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

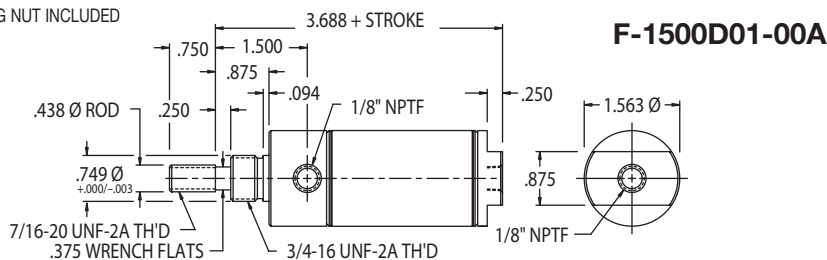
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M029004 Pivot Bracket
- F-M127005 Rod Clevis

Base Weight: .46 lbs.

Plus .22 lbs. per inch of stroke

MOUNTING NUT INCLUDED



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 12"

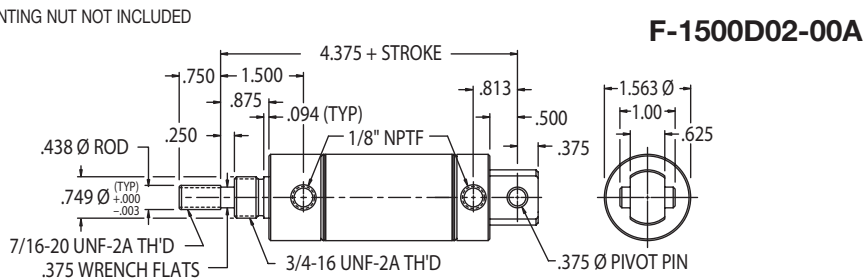
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: .69 lbs.

Plus .08 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

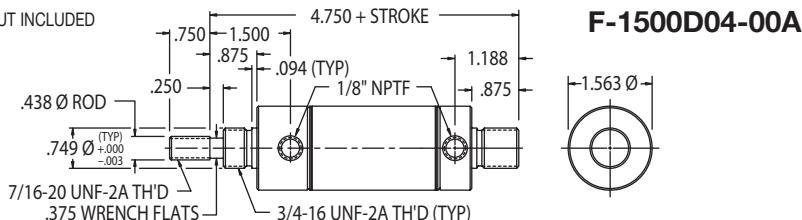
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M029004 Pivot Bracket
- F-M127005 Rod Clevis

Base Weight: .73 lbs.

Plus .08 lbs. per inch of stroke

MOUNTING NUT INCLUDED



BUMPER OPTION - ADD .125 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Double Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

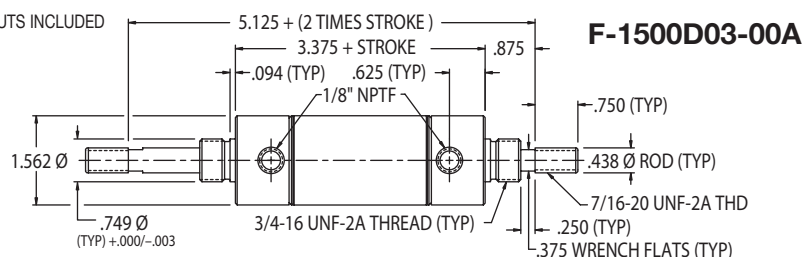
Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: .82 lbs.

Plus .08 lbs. per inch of stroke

MOUNTING NUTS INCLUDED



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: 1.17 lbs.

Plus .13 lbs. per inch of stroke

F-Series

1-1/2" Bore Cylinders

Double Acting

Hollow Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

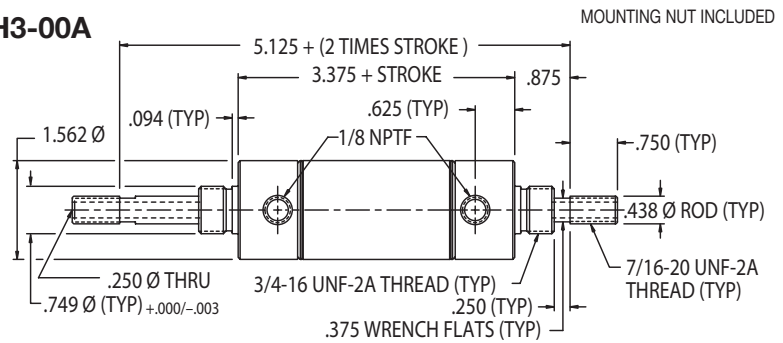
Optional Accessories:

- F-M117007 Mounting Bracket

Base Weight: 1.16 lbs.

Plus .13 lbs. per inch of stroke

F-1500DH3-00A



BUMPER OPTION - ADD .250 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Front Block Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

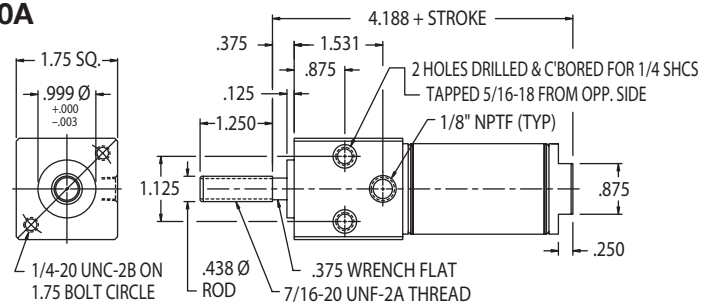
Optional Accessories:

- F-M127005 Rod Clevis

Base Weight: .99 lbs.

Plus .08 lbs. per inch of stroke

F-1500D05-00A



BUMPER OPTION - ADD .125 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Trunnion Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

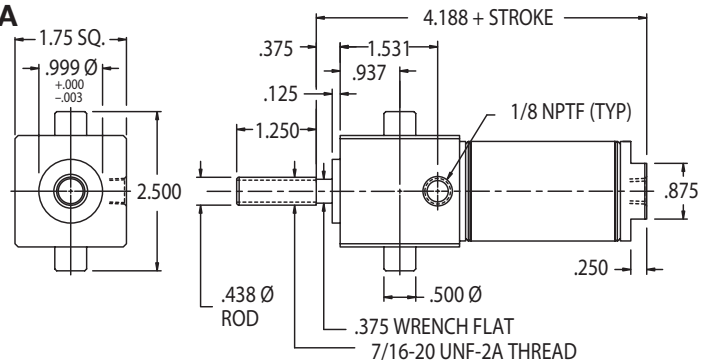
Optional Accessories:

- F-M029006 Trunnion Bracket
- F-M127005 Rod Clevis

Base Weight: 1.06 lbs.

Plus .08 lbs. per inch of stroke

F-1500D06-00A



BUMPER OPTION - ADD .125 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting Front Nose Mount F-1500DG1-00A

with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

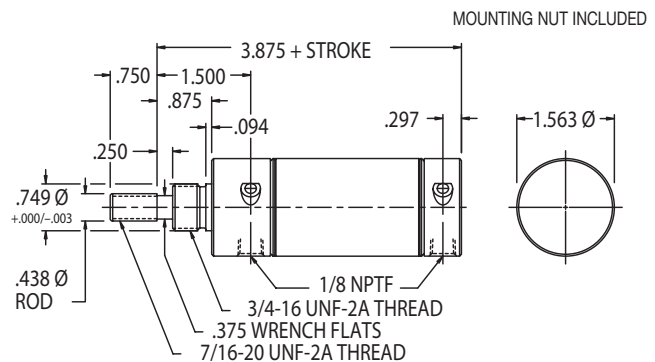
Maximum Stroke: 12"

Optional Accessories:

- F-M117007 Mounting Bracket
- F-M127005 Rod Clevis

Base Weight: .76 lbs.

Plus .09 lbs. per inch of stroke

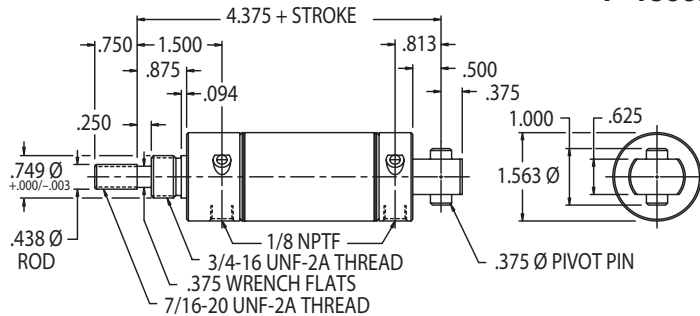


MAGNETIC PISTON OPTION - NO CHANGE IN OAL

1-1/2" Bore Cylinders

MOUNTING NUT NOT INCLUDED

F-1500DG2-00A



Double Acting Rear Pivot Mount with Adjustable Cushions

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

Optional Accessories:

• F-M117007 Mounting Bracket

• F-M029004 Pivot Bracket

• F-M127005 Rod Clevis

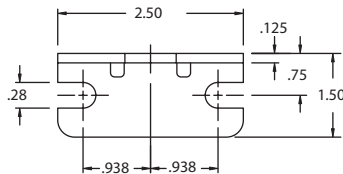
Base Weight: .77 lbs.

Plus .09 lbs. per inch of stroke

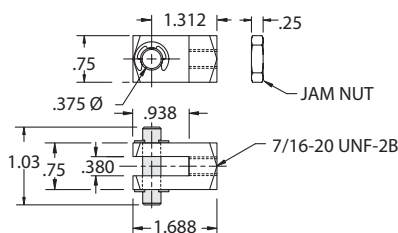
MAGNETIC PISTON OPTION - NO CHANGE IN OAL

1-1/2" Bore Cylinder Specifications – Options & Accessories

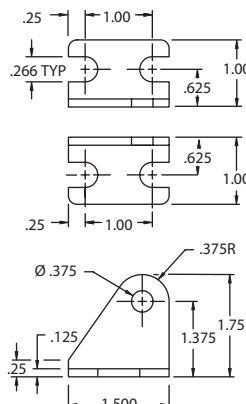
- -10° to +165° F
- Piston Rod: Hex – Ground 303 Stainless Steel.
Round – Ground and Polished, 303 Stainless Steel.
- Bronze rod guide bushing is standard.
- Approximate force exerted = (1.7) x (air line pressure).
- Spring force: 7 lbs. relaxed, 14 lbs. compressed.
- Mounting nuts are standard on all nose mount cylinders.
- Bumpers are optional on all 1-1/2" bore cylinders (except in combination with Viton® option).
- Magnetic piston optional on all 1-1/2" bore cylinders (except in combination with Viton® option).



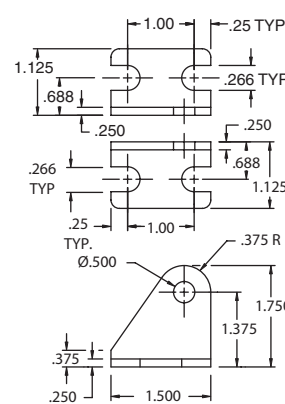
Mounting Bracket
F-M117007



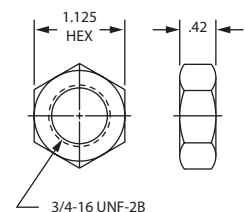
Rod Clevis
F-M127005



Pivot Bracket
F-M029004



Trunnion Bracket
F-M029006



Mounting Nut
F-M190006

OPTION

- Viton® Seals – Not available with bumpers or magnetic piston
S01 & N01 – Spring Return (-15° F to 300° F)
S02 – Spring Return (-15° F to 300° F)
N02 – Spring Return (-15° F to 300° F)
Double Acting (-15° F to 350° F)
D06 – Double Acting (-15° F to 350° F)
R01 – Spring Extend (-15° F to 300° F)
R02 – Spring Extend (-15° F to 300° F)
Double Rod (-15° F to 350° F)
- Ports Rotated – 90° on S02, R02, N02, or D02 (both)
- Rod Wiper – Not available in spring return models
- Side Port – Cap end port on S01, N01, D01, D05, or D06 (Add .19 to OAL)
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension

F-Series

1-3/4" Bore Cylinders

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

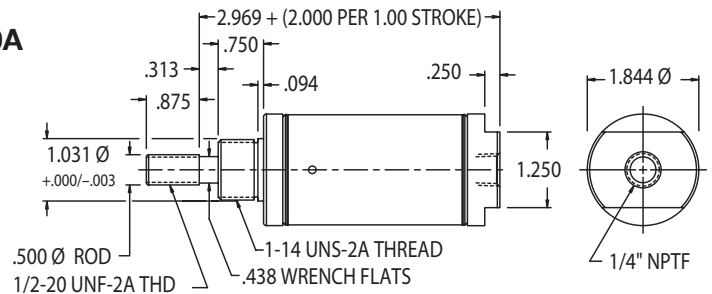
Optional Accessories:

- F-M117008 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: .85 lbs.

Plus .36 lbs. per inch of stroke

F-1750S01-00A



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .656 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .735 TO OAL

Single Acting Spring Return Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

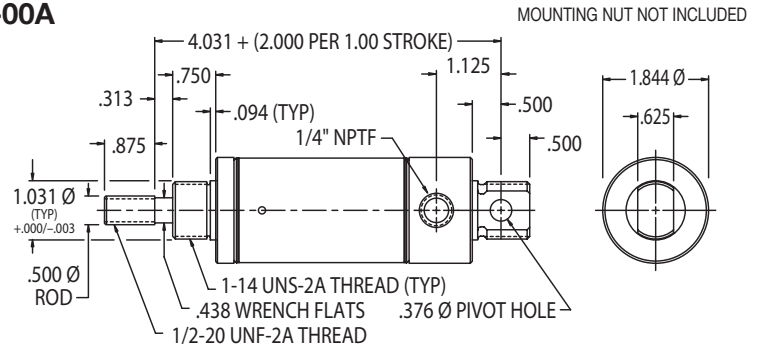
Optional Accessories:

- F-M117008 Mounting Bracket
- F-M129005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: .86 lbs.

Plus .36 lbs. per inch of stroke

F-1750S02-00A



BUMPER AVAILABLE CAP END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .656 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .735 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 6"

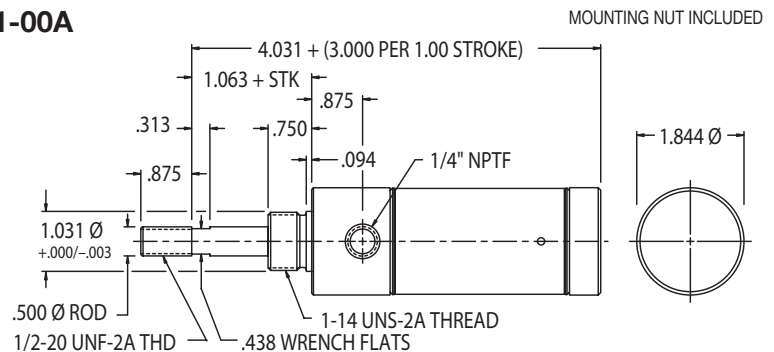
Optional Accessories:

- F-M117008 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.17 lbs.

Plus .31 lbs. per inch of stroke

F-1750R01-00A



BUMPER AVAILABLE ROD END ONLY - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - ADD .656 TO OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .735 TO OAL

Double Acting Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 12"

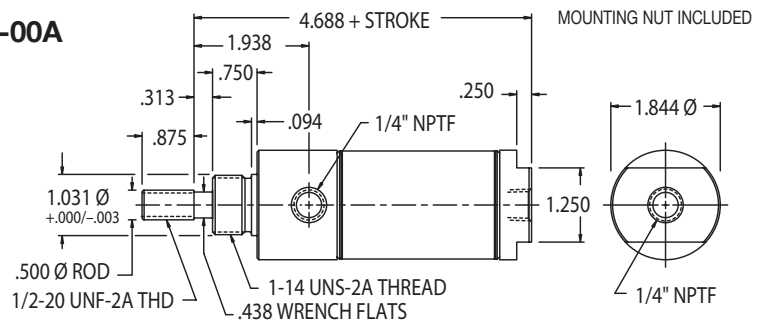
Optional Accessories:

- F-M117008 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.29 lbs.

Plus .11 lbs. per inch of stroke

F-1750D01-00A



BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

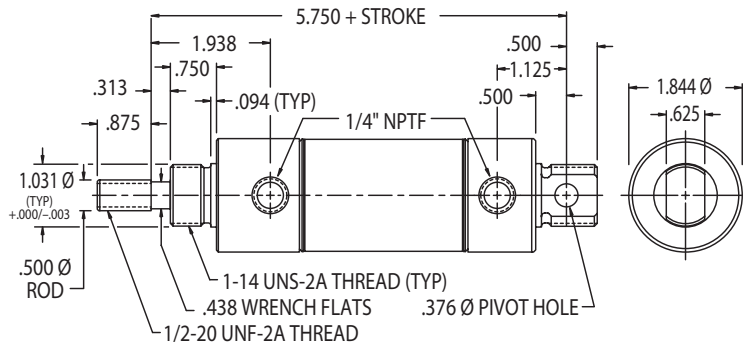
BOTH BUMPER & MAGNETIC PISTON OPTIONS - NO CHANGE IN OAL

Please visit <http://portal.fabco-air.com/configure.php> for current pricing.
Specifications and prices subject to change without notice or incurring obligation

9-20-18

1-3/4" Bore Cylinders

F-1750D02-00A



Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

Optional Accessories:

- F-M117008 Mounting Bracket
- F-M129005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: 1.64 lbs.

Plus .11 lbs. per inch of stroke

BUMPER OPTION - NO CHANGE IN OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

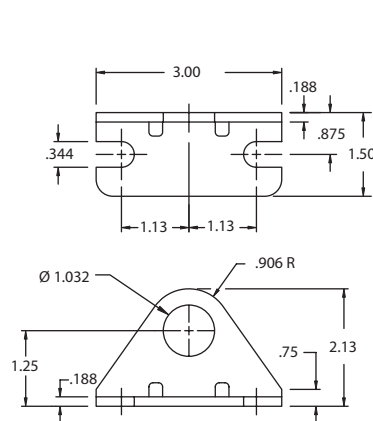
BOTH BUMPER & MAGNETIC PISTON OPTIONS - NO CHANGE IN OAL

1-3/4" Bore Cylinder Specifications – Options & Accessories

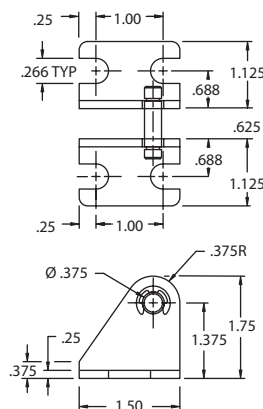
- -10° to +165°F
- Piston Rod: Ground and Polished, 303 Stainless Steel.
- Bronze rod guide bushing is standard.
- Approximate force exerted = (2.4) x (air line pressure).
- Spring force: 11 lbs. relaxed, 24 lbs. compressed.
- Mounting nuts are standard on all nose mount cylinders.
- Bumpers are optional on all 1-3/4" bore cylinders (except in combination with Viton® option).
- Magnetic piston optional on all 1-3/4" bore cylinders (except in combination with Viton® option).

OPTION

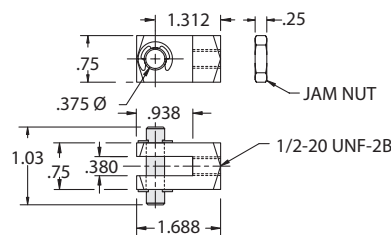
- Viton® Seals – Not available with bumpers or magnetic piston
 - Spring Return (-15° F to 300° F)
 - Double Acting (-15° F to 350° F)
 - Spring Extend (-15° F to 300° F)
- Ports Rotated – 90° on S02 or D02 models (both)
- Rod Wiper – Not available in spring return models
- Side Port - Cap end ports on S01 or D01 models
 - Add .56 to OAL
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension



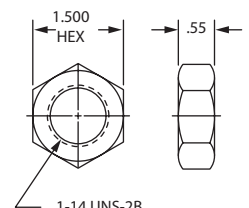
Mounting Bracket
F-M117008



Pivot Bracket
F-M129005



Rod Clevis
F-M127006



Mounting Nut
F-M190008

F-Series

2" Bore Cylinders

Single Acting Spring Return Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

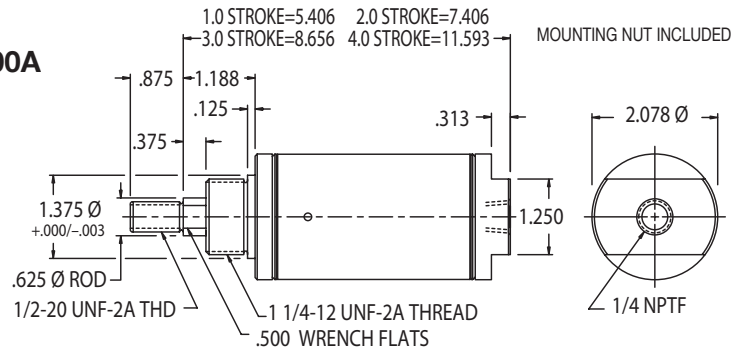
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.04 lbs.

Plus .43 lbs. per inch of stroke

F-2000S01-00A



BUMPER AT CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .461 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .789 TO OAL

Single Acting Spring Return Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

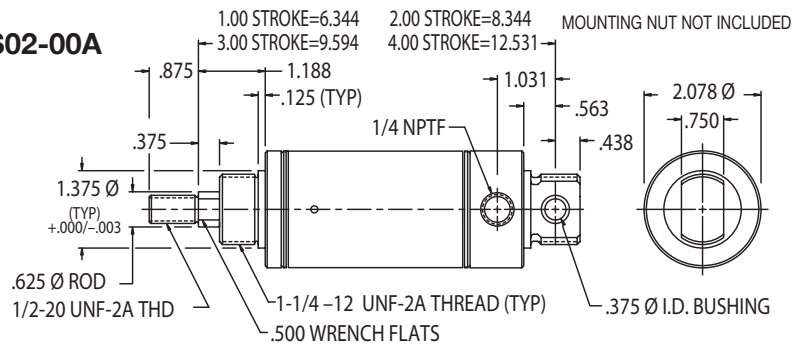
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M229005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: 1.26 lbs.

Plus .43 lbs. per inch of stroke

F-2000S02-00A



BUMPER AT CAP END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .461 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .789 TO OAL

Single Acting Spring Extend Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

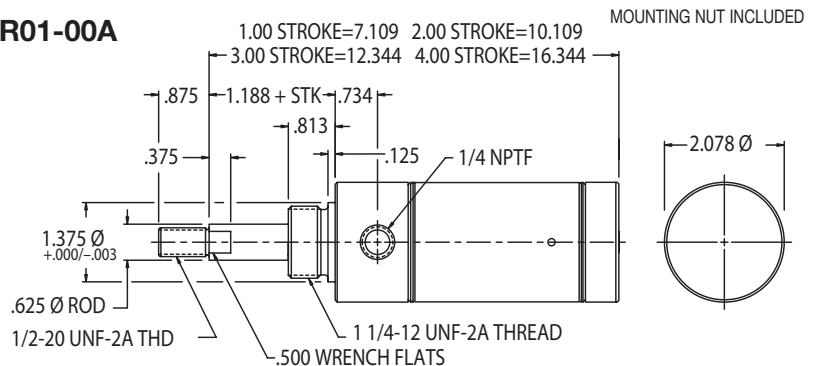
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.24 lbs.

Plus .43 lbs. per inch of stroke

F-2000R01-00A



BUMPER AT ROD END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .714 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .789 TO OAL

Single Acting Spring Extend Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4"

Maximum Stroke: 4"

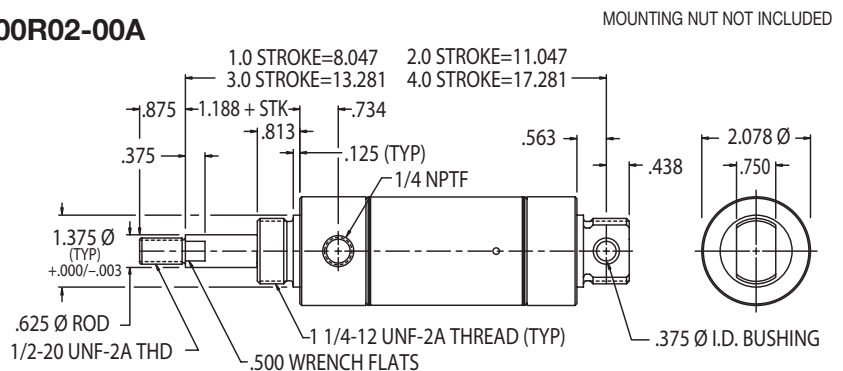
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M229005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: 1.46 lbs.

Plus .43 lbs. per inch of stroke

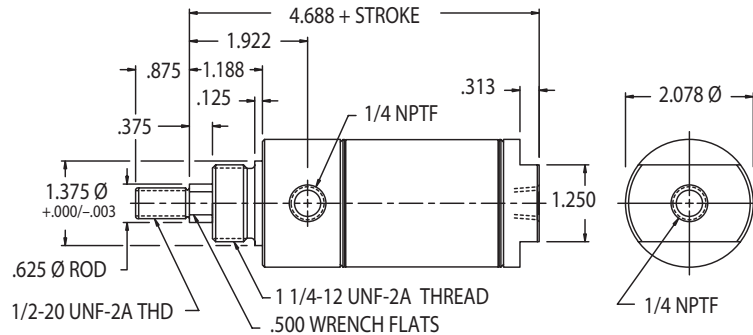
F-2000R02-00A



BUMPER AT ROD END ONLY - NO CHANGE IN OAL
MAGNETIC PISTON OPTION - ADD .714 TO OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .789 TO OAL

MOUNTING NUT INCLUDED

F-2000D01-00A



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8"

Maximum Stroke: 12"

Optional Accessories:

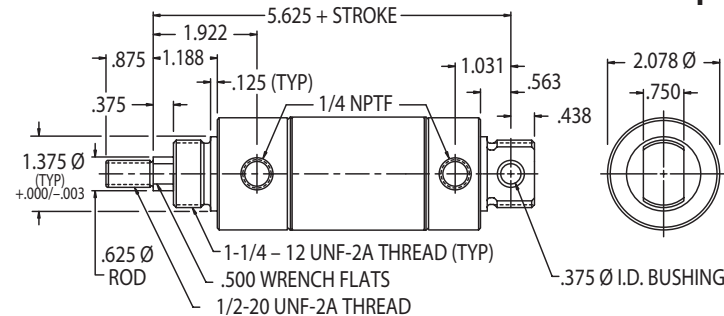
- F-M117009 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.40 lbs.

Plus .15 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-2000D02-00A



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

Optional Accessories:

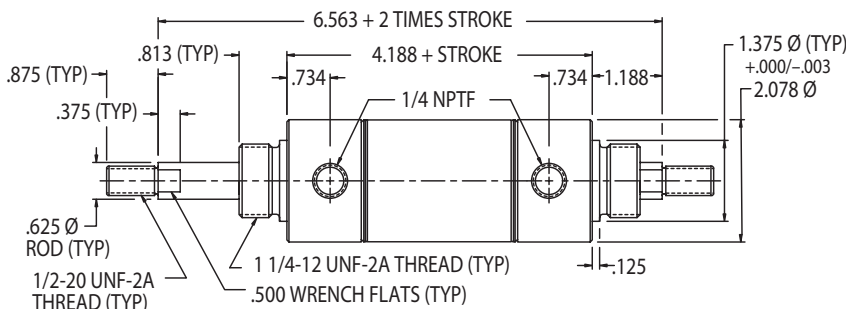
- F-M117009 Mounting Bracket
- F-M229005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: 1.62 lbs.

Plus .15 lbs. per inch of stroke

MOUNTING NUT INCLUDED

F-2000D03-00A



BUMPER OPTION - ADD .250 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

*Optional Accessories:

- F-M117009 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.97 lbs.

Plus .24 lbs. per inch of stroke

F-Series

2" Bore Cylinders

Double Acting

Front Nose Mount

with **Adjustable Cushions**

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

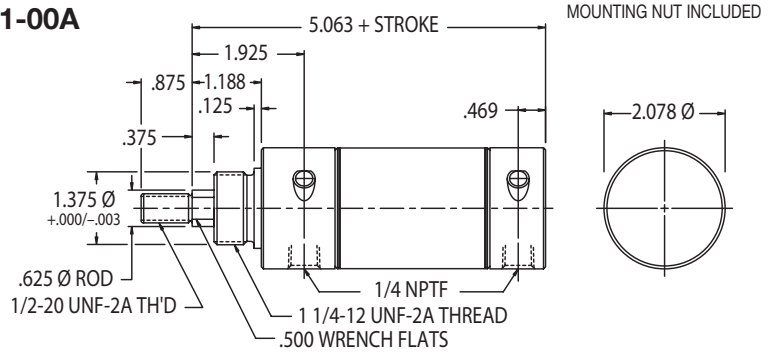
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M127006 Rod Clevis

Base Weight: 1.64 lbs.

Plus .15 lbs. per inch of stroke

F-2000DG1-00A



MAGNETIC PISTON OPTION - NO CHANGE IN OAL

Double Acting

Rear Pivot Mount

with **Adjustable Cushions**

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 32"

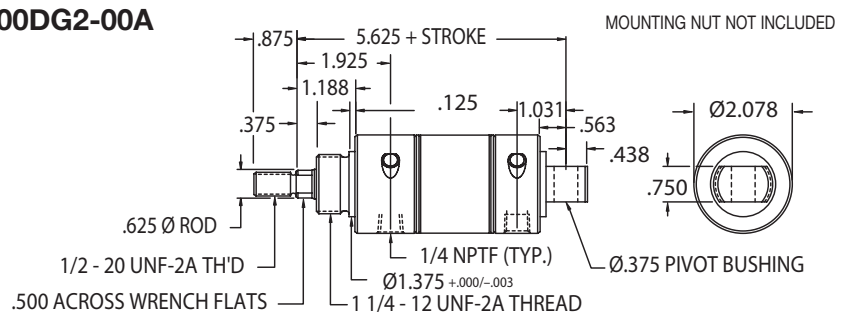
Optional Accessories:

- F-M117009 Mounting Bracket
- F-M229005 Pivot Bracket
- F-M127006 Rod Clevis

Base Weight: 1.68 lbs.

Plus .15 lbs. per inch of stroke

F-2000DG2-00A



MAGNETIC PISTON OPTION - NO CHANGE IN OAL

Double Acting

Front Nose Mount

1" Diameter Rod

with Wear Band Piston

Standard Stroke Lengths:

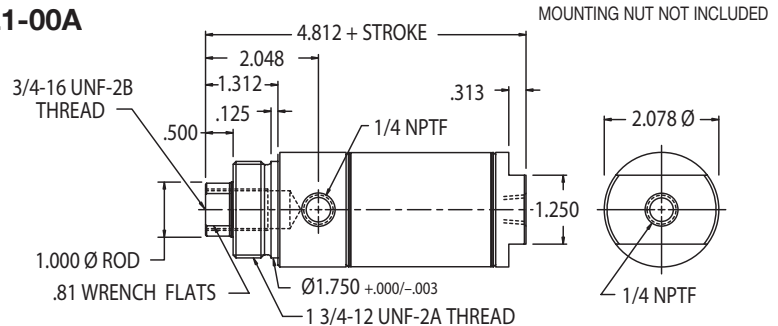
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Base Weight: approximately 1.79 lbs.

Plus .28 lbs. per inch of stroke

F-2000DL1-00A



BUMPERS NOT AVAILABLE
MAGNETIC PISTON OPTION - ADD .299 TO OAL

Double Acting

Rear Pivot Mount

1" Diameter Rod

with Wear Band Piston

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 32"

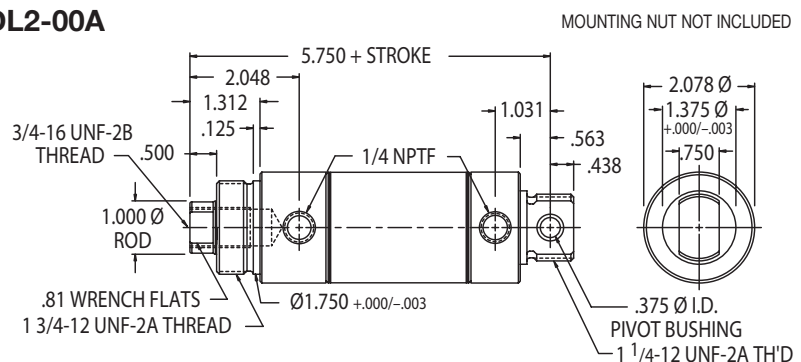
Optional Accessories:

- F-M229005 Pivot Bracket

Base Weight: approximately 2.01 lbs.

Plus .28 lbs. per inch of stroke

F-2000DL2-00A



BUMPERS NOT AVAILABLE
MAGNETIC PISTON OPTION - ADD .299 TO OAL

Standard Cylinder Specifications – Options & Accessories

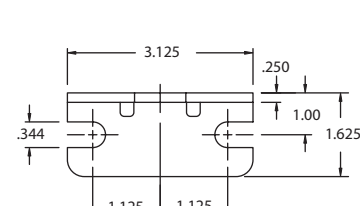
- -10° to +165°F
- Piston Rod: Ground and Polished, 303 Stainless Steel (Except for 1" Rod Models. See below).
- Bronze rod guide bushing is standard.
- Approximate force exerted = (3.1) x (air line pressure).
- Spring force: 15 lbs. relaxed, 30 lbs. compressed.
- Mounting nuts are standard on all nose mount cylinders except 1" rod models.
- Bumpers are optional on all 2" bore cylinders (except in combination with Viton® option).
- Magnetic piston optional on all 2" bore cylinders (except in combination with Viton® option).

1" Rod Cylinder Specifications

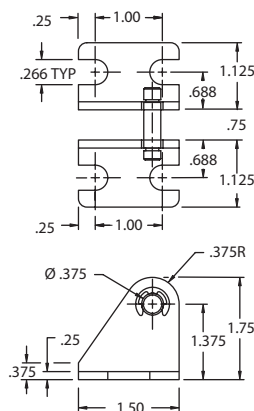
- 1" chrome rod is standard.
- Magnetic piston optional.
- Viton® seals optional.

OPTION

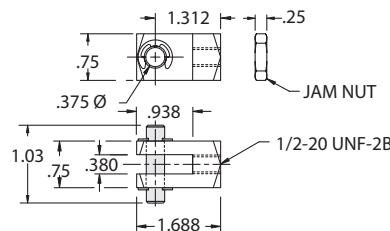
- Viton® Seals – Not available with bumpers or magnetic piston
 - Spring Return (-15° F to 300° F)
 - Double Acting (-15° F to 350° F)
 - D02 – Double Acting (-15° F to 350° F)
 - R01 – Spring Extend (-15° F to 300° F)
 - R02 – Spring Extend (-15° F to 300° F)
 - Double Rod (-15° F to 350° F)
- Ports Rotated – 90° on S02, R02, or D02 models (both).
- Rod Wiper – Not available in spring return models
- Side Port - Cap end port on S01 or D01 models
 - Add .38 to OAL
- Low Temperature Seals – Applications to -40° F
- Rod Extension - Single, reverse and double acting
- Rod Thread Extension



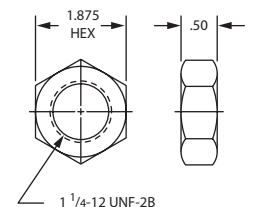
Mounting Bracket
F-M117009



Pivot Bracket
F-M229005



Rod Clevis
F-M127006



Mounting Nut
F-M190009

F-Series

2-1/2" Bore Cylinders

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 12"

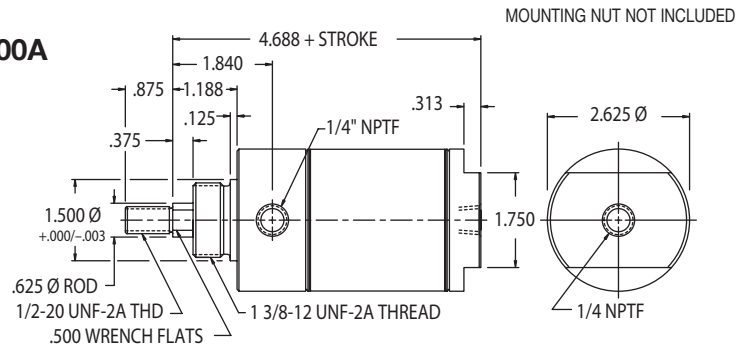
Optional Accessories:

- F-M117010 Mounting Bracket
- F-M127006 Rod Clevis
- F-M190012 Mounting Nut

Base Weight 1.98 lbs.

Plus .17 lbs. per inch of stroke

F-2500D01-00A



BUMPER OPTION - ADD .062 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .062 TO OAL

Double Acting

Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",
5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

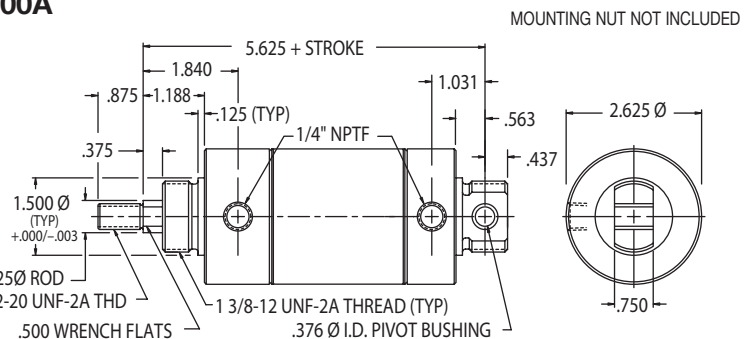
Optional Accessories:

- F-M117010 Mounting Bracket
- F-M229005 Pivot Bracket
- F-M127006 Rod Clevis
- F-M190012 Mounting Nut

Base Weight: 2.27 lbs.

Plus .17 lbs. per inch of stroke

F-2500D02-00A



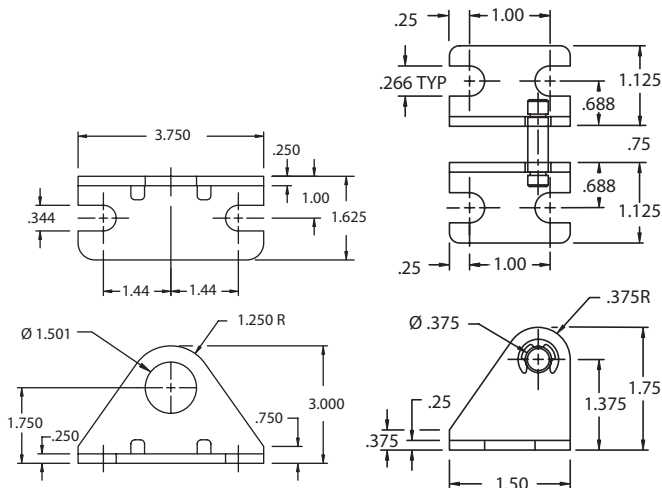
BUMPER OPTION - ADD .062 TO OAL
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .062 TO OAL

2-1/2" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod: Ground and Polished, 303 Stainless Steel.
- Bronze rod guide bushing is standard.
- Approximate force exerted = (5.0) x (air line pressure).
- Magnetic piston optional on all 2-1/2" bore cylinders (except in combination with Viton option).

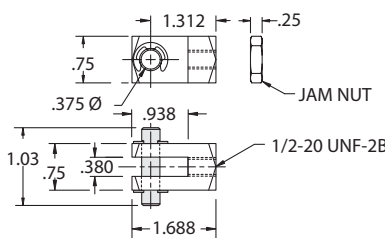
OPTION

- Viton® Seals – Not available with bumpers or magnetic piston
D01 – Double Acting (-15° F to 350° F)
D02 – Double Acting (-15° F to 350° F)
- Ports Rotated – 90° on D02 (both)
- Rod Wiper –
- Side Port – Cap end on D01. Add .38 to overall length
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension

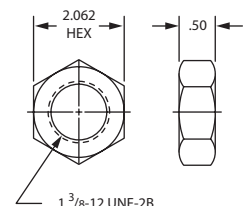


Mounting Bracket
F-M117010

Pivot Bracket
F-M229005

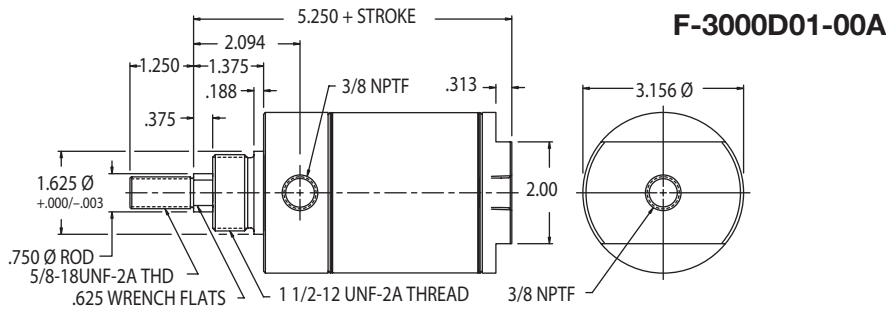


Rod Clevis
F-M127006



Mounting Nut
F-M190012

MOUNTING NUT NOT INCLUDED



F-3000D01-00A

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

*Optional Accessories:

- F-M117011 Mounting Bracket
- F-M127007 Rod Clevis
- F-M190013 Mounting Nut

Base Weight: 3.34 lbs.

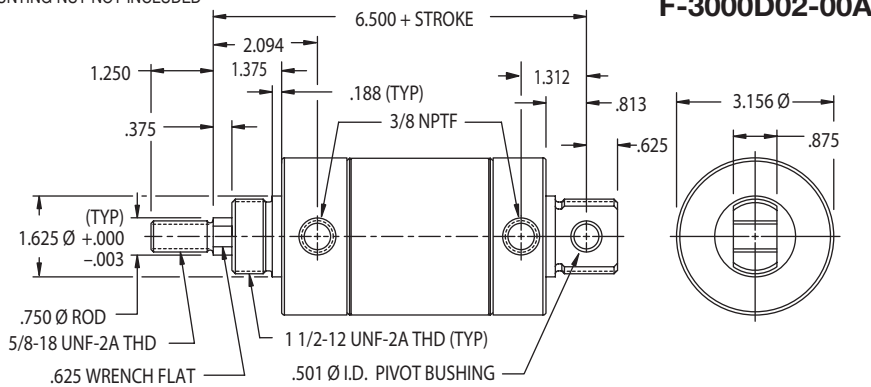
Plus .26 lbs. per inch of stroke

BUMPER OPTION - ADD .062 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .062 TO OAL

MOUNTING NUT NOT INCLUDED



F-3000D02-00A

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 32"

*Optional Accessories:

- F-M117011 Mounting Bracket
- F-M229006 Pivot Bracket
- F-M127007 Rod Clevis
- F-M190013 Mounting Nut

Base Weight: 3.87 lbs.

Plus .26 lbs. per inch of stroke

BUMPER OPTION - ADD .062 TO OAL

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

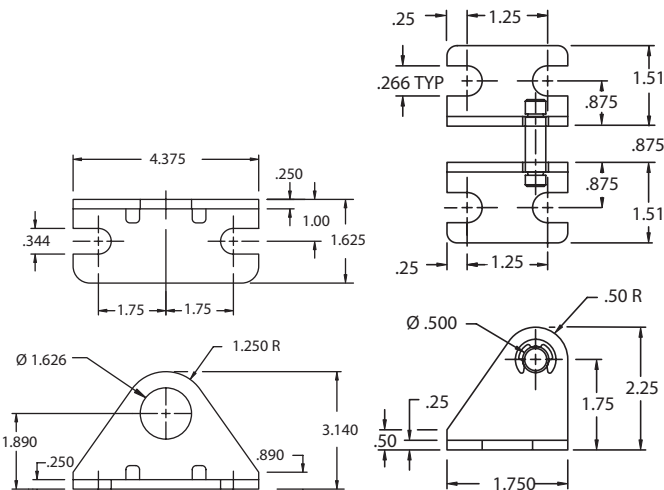
BOTH BUMPER & MAGNETIC PISTON OPTIONS - ADD .062 TO OAL

3" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod
Ground and Polished, 303 Stainless Steel is standard.
- Bronze rod guide bushing is standard.
- Approximate force exerted = (7.0) x (air line pressure).
- Magnetic piston optional on all 3" bore cylinders (except in combination with Viton option).

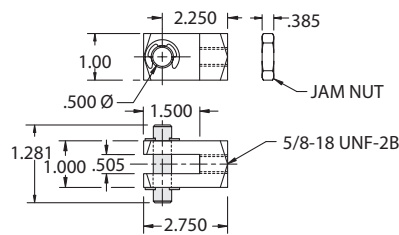
OPTION

- Viton® Seals – Not available with bumpers or magnetic piston
Double Acting (-15° F to 350° F)
- Ports Rotated – 90° on D02 model (both)
- Rod Wiper –
- Side Port – Cap end on D01. Add .44 to OAL
- Low Temperature Seals – Applications to -40° F
- Rod Extension
- Rod Thread Extension

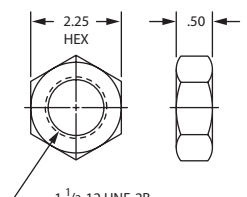


Mounting Bracket
F-M117011

Pivot Bracket
F-M229006



Rod Clevis
F-M127007



Mounting Nut
F-M190013

F-Series Volume Chambers

FABCO-AIR

How to Order F-1500 V 01 - 01 A

Series

Bore Size (4 digits)

0750 = 3/4"
1062 = 1-1/16"
1500 = 1-1/2"
2000 = 2"
2500 = 2-1/2"
3000 = 3"

Style

V = Volume chamber

Version

01 = In-line mount

Fractional Inch Length

(1 digit)

A = 0"

Full Inch Length (2 digits)

00 = 0"

01 = 1"

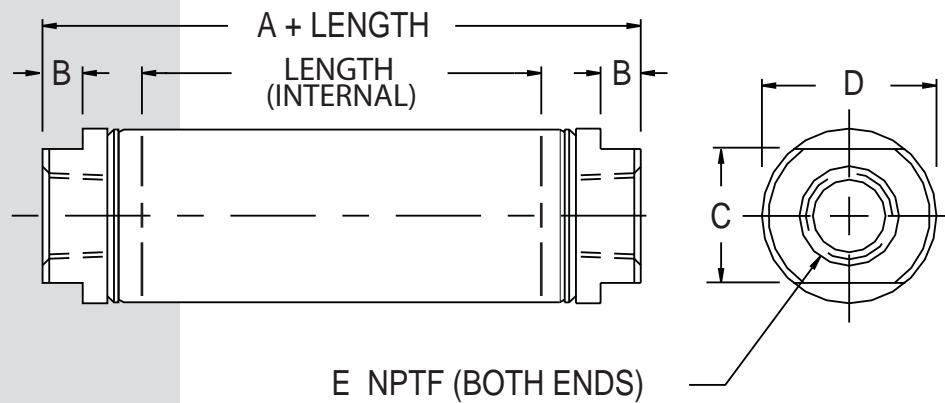
02 = 2"

03 = 3"

...

...

32 = 32"



Bore	A	B	C	D	E	INCHES ³ PER INCH	STANDARD LENGTH	MAX. LENGTH
3/4"	1.062	0.19	0.625	0.813	1/8	0.44	1" Increments to 4"	32"
1-1/16"	1.188	0.19	0.875	1.125	1/8	0.88	1" Increments to 8"	32"
1-1/2"	1.375	0.25	0.875	1.563	1/8	1.76	1" Increments to 16"	32"
2"	1.767	0.31	1.250	2.087	1/4	3.14	1" Increments to 16"	32"
2-1/2"	1.767	0.31	1.750	2.625	1/4	4.9	1" Increments to 24"	32"
3"	2.000	0.31	2.000	3.156	3/8	7.0	1" Increments to 24"	32"

Volume Chamber Specifications

- -40° to +350°F
- 303 stainless steel body.
- Aluminum alloy end caps.
- Pressure rating: 250 psi.

Features

- Delrin® head, Delrin® cap and aluminum piston provide excellent corrosion resistance in wash down environments where cylinders are exposed to moisture and certain solvents.*
- Stainless steel rod and tube complete the corrosion resistance package and provide long life.
- Corrosion resistant cylinders are offered in three standard bore sizes: 3/4", 1-1/16" and 1-1/2" with both nose and rear pivot mounts.
- Stroke tolerance $\pm .032$

Delrin® is a registered trademark of DuPont.

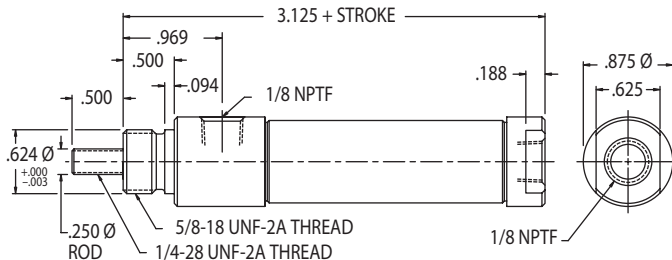
★ Call DuPont (800) 441-0575 for information regarding properties of this material.



- Max Operating Pressure: 100 psi Air
- Temperature Range: 32°F to 160°F (0°C to 72°C)

MOUNTING NUT NOT INCLUDED

F-0750DC1-00A



BUMPERS OPTION - ADD .281 TO OAL
MAGNETIC PISTON OPTION - ADD .281 TO OAL
BUMPERS WITH MAGNETIC PISTON OPTION - ADD .406 TO OAL

3/4" Bore Delrin® Series

Double Acting Front Nose Mount
Standard Stroke Lengths:

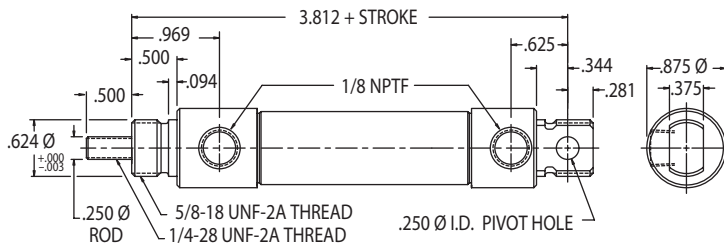
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"
Maximum Stroke: 12"

*Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut
Base Weight: .13 lbs.
Plus .03 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0750DC2-00A



BUMPERS OPTION - ADD .281 TO OAL
MAGNETIC PISTON OPTION - ADD .281 TO OAL
BUMPERS WITH MAGNETIC PISTON OPTION - ADD .406 TO OAL

3/4" Bore Delrin® Series

Double Acting Rear Pivot Mount
Standard Stroke Lengths:

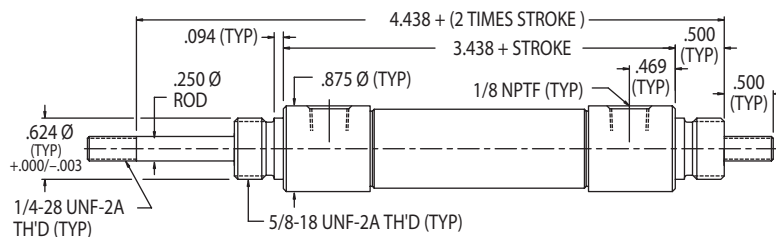
1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"
Maximum Stroke: 32"

*Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut
Base Weight: .15 lbs.
Plus .03 lbs. per inch of stroke

MOUNTING NUT NOT INCLUDED

F-0750DC3-00A



BUMPERS OPTION - ADD .250 TO OAL AND BODY LENGTH
MAGNETIC PISTON OPTION - NO CHANGE IN OAL
BUMPERS WITH MAGNETIC PISTON OPTION - ADD .250 TO OAL AND BODY LENGTH

3/4" Bore Delrin® Series

Double Acting Double Rod
Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"
Maximum Stroke: 12"

*Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut
Base Weight: .18 lbs.
Plus .05 lbs. per inch of stroke

F-Series

Delrin® Corrosion Resistant Cylinders

FABCO-AIR

1-1/16" Bore Delrin® Series

Double Acting Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

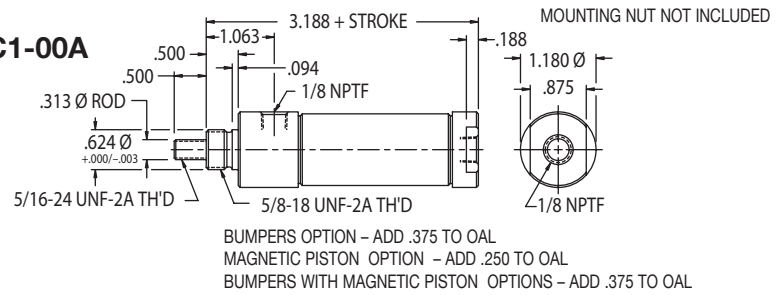
Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut

Base Weight: .21 lbs.

Plus .05 lbs. per inch of stroke

F-1062DC1-00A



1-1/16" Bore Delrin® Series

Double Acting Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

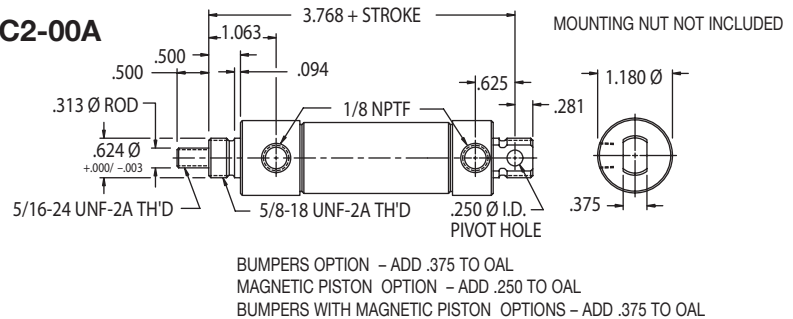
Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut

Base Weight: .25 lbs.

Plus .05 lbs. per inch of stroke

F-1062DC2-00A



1-1/16" Bore Delrin® Series

Double Acting Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

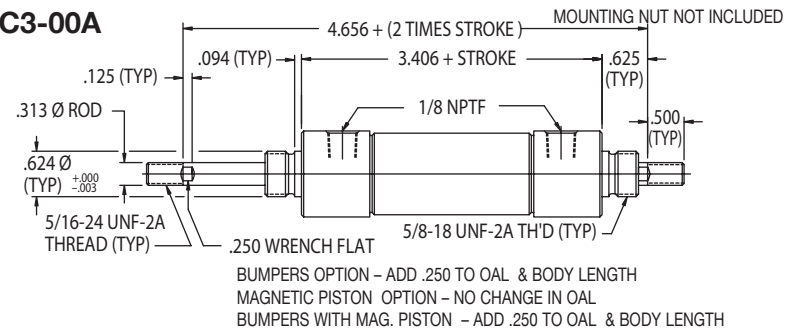
Optional Accessories:

- F-M19S005 Stainless Steel Mounting Nut

Base Weight: .30 lbs.

Plus .07 lbs. per inch of stroke

F-1062DC3-00A



1-1/2" Bore Delrin® Series

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

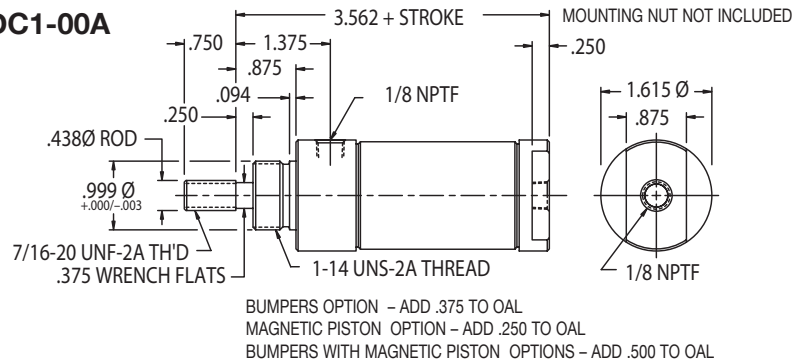
Optional Accessories:

- F-M19S006 Stainless Steel Mounting Nut

Base Weight: .46 lbs.

Plus .08 lbs. per inch of stroke

F-1500DC1-00A



1-1/2" Bore Delrin® Series

Double Acting Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

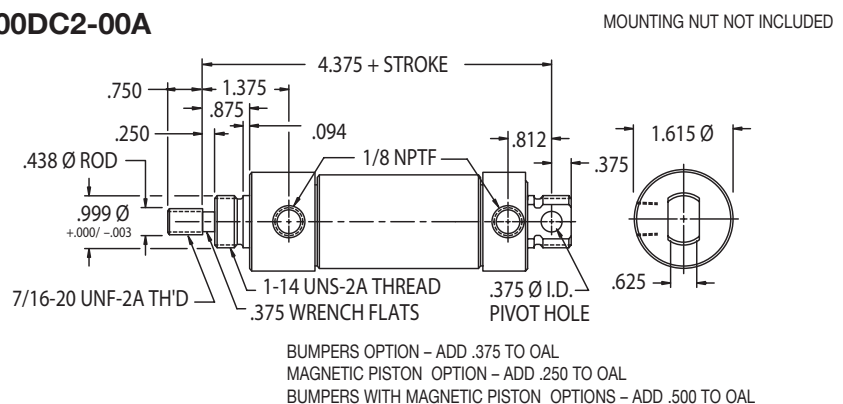
Optional Accessories:

- F-M19S006 Stainless Steel Mounting Nut

Base Weight: .48 lbs.

Plus .08 lbs. per inch of stroke

F-1500DC2-00A



MOUNTING NUT NOT INCLUDED

F-1500DC3-00A

1-1/2" Bore Delrin® Series

Double Acting Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

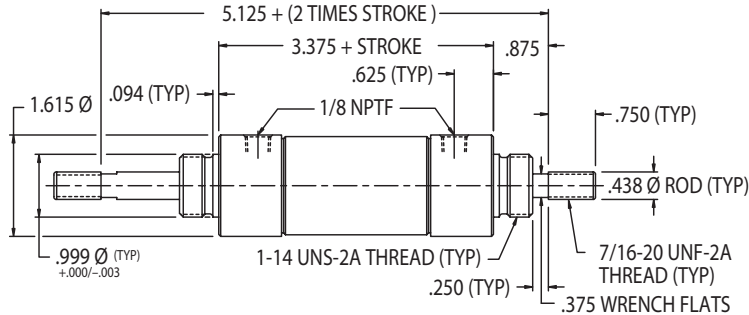
Maximum Stroke: 12"

Optional Accessories:

• F-M19S006 Stainless Steel Mounting Nut

Base Weight: .60 lbs.

Plus .13 lbs. per inch of stroke



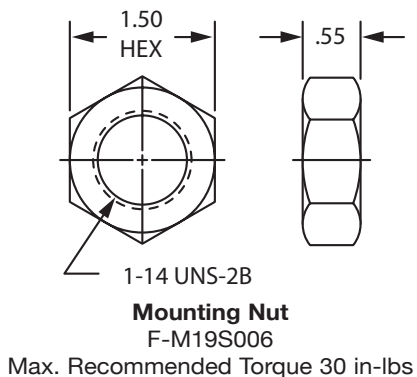
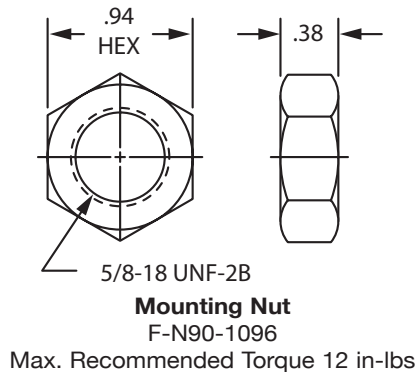
BUMPERS OPTION - ADD .250 TO OAL & BODY LENGTH

MAGNETIC PISTON OPTION - NO CHANGE IN OAL

BUMPERS WITH MAGNETIC PISTON - ADD .250 TO OAL & BODY LENGTH

Delrin® Cylinder Specifications – Options & Accessories

- Maximum operating pressure 100psi Air.
- Temperature range +32° to +160°F.
- Piston Rod
Ground and polished, 303 stainless steel is standard.
- Magnetic piston optional on all bore cylinders
(except in combination with Viton option).



OPTION

- Viton® Seals – Not available with bumpers or magnetic piston
(for media or environment compatibility only)
 - DC1 – 3/4 Bore
 - DC2 – 3/4 Bore
 - DC3 – 3/4 Bore
 - DC1 – 1-1/16 Bore
 - DC2 – 1-1/16 Bore
 - DC3 – 1-1/16 Bore
 - DC1 – 1-1/2 Bore
 - DC2 – 1-1/2 Bore
 - DC3 – 1-1/2 Bore
- Pivot Bushing –Not Available
- Ports Rotated –Not Available
- Rod Wiper –Not Available
- Side Port –Not Available
- Low Temp. Seals -Not Available
- Rod Extension –
 - 3/4 Bore
 - 1-1/16 Bore
 - 1-1/2 Bore
- Rod Thread Extension –
 - 3/4 Bore
 - 1-1/16 Bore
 - 1-1/2 Bore

F-Series Magnetic Interchange

FABCO-AIR

9/16" Bore Cylinders

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

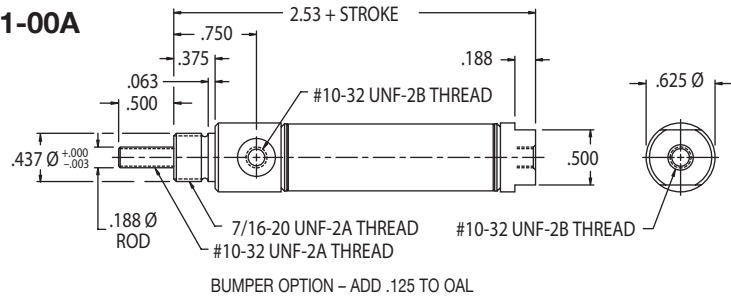
Optional Accessories:

- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .10 lbs.

Plus .01 lbs. per inch of stroke

F-0563DM1-00A



Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 12"

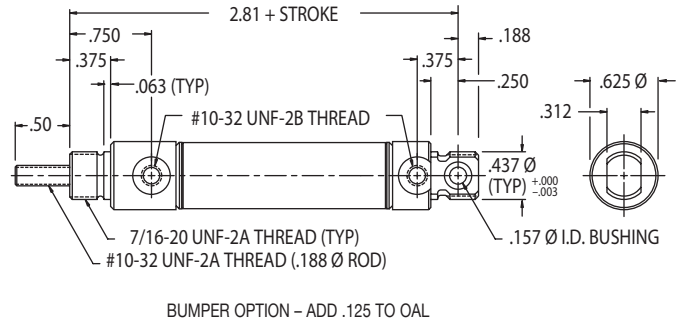
Optional Accessories:

- F-M117003 Mounting Bracket
- F-M129002 Pivot Bracket
- F-M127002 Rod Clevis

Base Weight: .10 lbs.

Plus .01 lbs. per inch of stroke

F-0563DM2-00A



Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

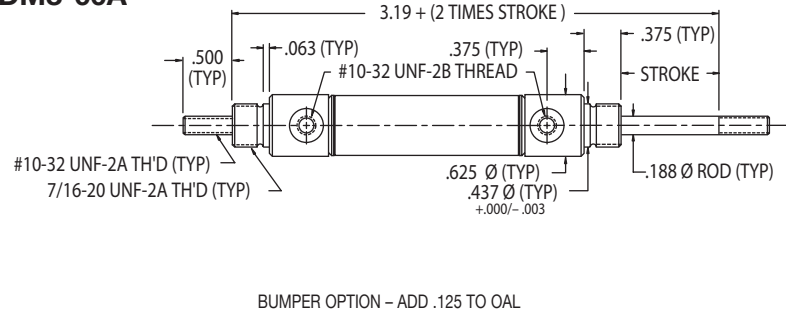
Optional Accessories:

- F-M117003 Mounting Bracket
- F-M127002 Rod Clevis

Base Weight: .14 lbs.

Plus .02 lbs. per inch of stroke

F-0563DM3-00A

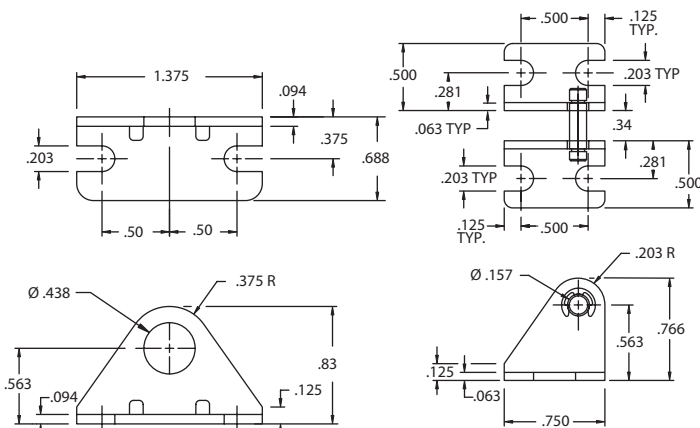


9/16" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 9/16" bore cylinders
- Approximate Force Exerted: (0.25) x (Supply psi)
- Stroke tolerance $\pm .032$

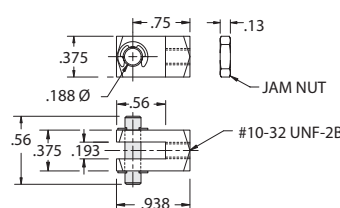
OPTION

- Ports Rotated – 90° on DM2 (both)
- Viton® Seals – (for media or environment compatibility only) DM1 & DM2 DM3
- Rod Wiper – Not available
- Side Port – DM1 (Add .03 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension

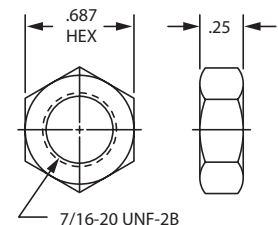


Mounting Bracket
F-M117003

Pivot Bracket
F-M129002

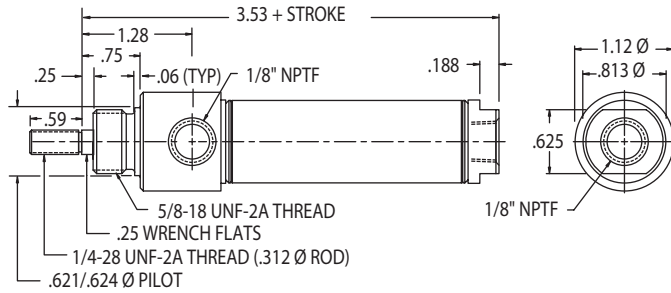


Rod Clevis
F-M127002



Mounting Nut
F-M190003

F- 0750DM1-00A



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

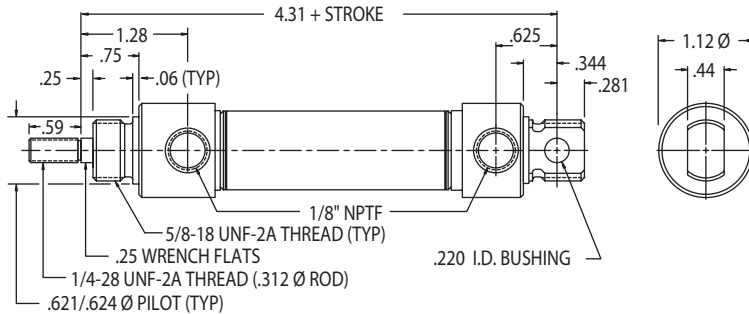
Optional Accessories:

• F-M117005 Mounting Bracket

Base Weight: .24 lbs.

Plus .04 lbs. per inch of stroke

F-0750DM2-00A



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

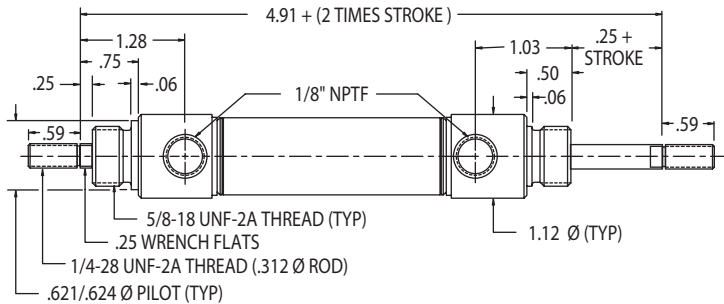
Optional Accessories:

• F-M117005 Mounting Bracket

Base Weight: .30 lbs.

Plus .04 lbs. per inch of stroke

F-0750DM3-00A



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

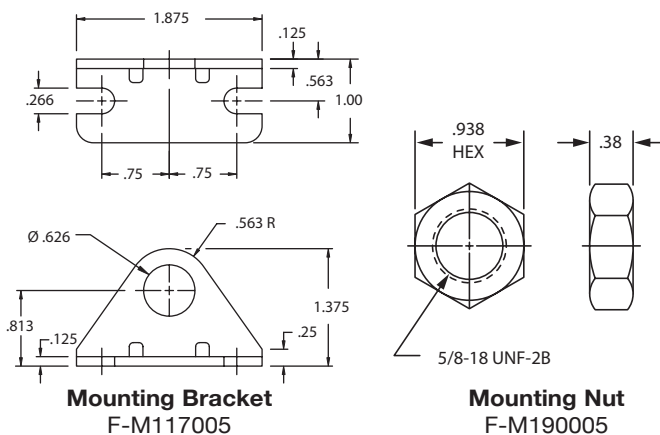
• F-M117005 Mounting Bracket

Base Weight: .41 lbs.

Plus .06 lbs. per inch of stroke

3/4" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 3/4" bore cylinders
- Approximate Force Exerted: (0.4) x (Supply psi)
- Stroke tolerance ±.032



OPTION

- Ports Rotated - 90° on DM2 (both)
- Viton® Seals - (for media or environment compatibility only)
- DM1 & DM2
- DM3
- Rod Wiper
- Side Port - DM1 (Add .44 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension

F-Series Magnetic Interchange

1-1/16" Bore Cylinders

FABCO-AIR

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

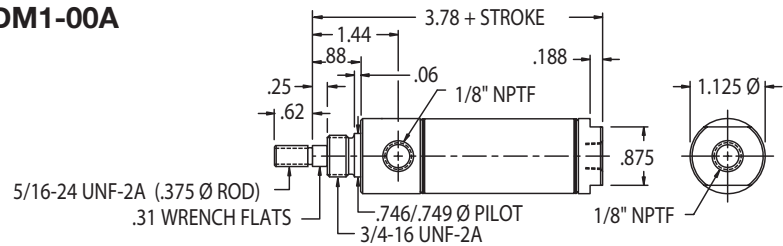
Optional Accessories:

• F-M127004 Rod Clevis

Base Weight .37 lbs.

Plus .05 lbs. per inch of stroke

F-1062DM1-00A



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

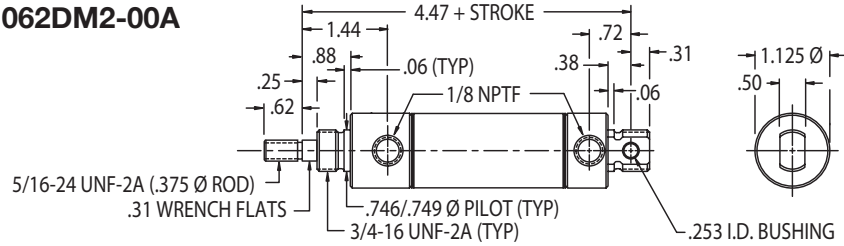
Optional Accessories:

• F-M127004 Rod Clevis

Base Weight .42 lbs.

Plus .05 lbs. per inch of stroke

F-1062DM2-00A



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

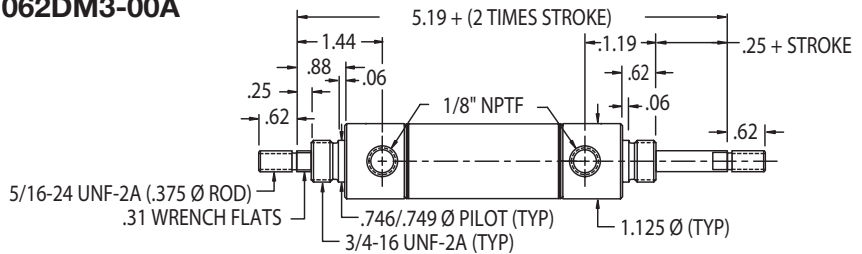
Optional Accessories:

• F-M127004 Rod Clevis

Base Weight .60 lbs.

Plus .08 lbs. per inch of stroke

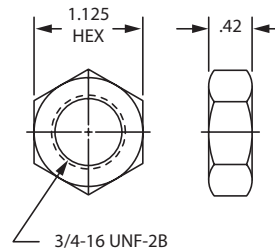
F-1062DM3-00A



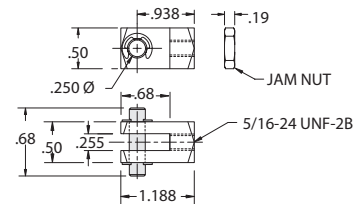
BUMPER OPTION - ADD .250 TO OAL

1-1/16" Bore Cylinder Specifications – Options & Accessories

- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 1-1/16" bore cylinders
- Approximate Force Exerted: (0.9) x (Supply psi)
- Stroke tolerance $\pm .032$



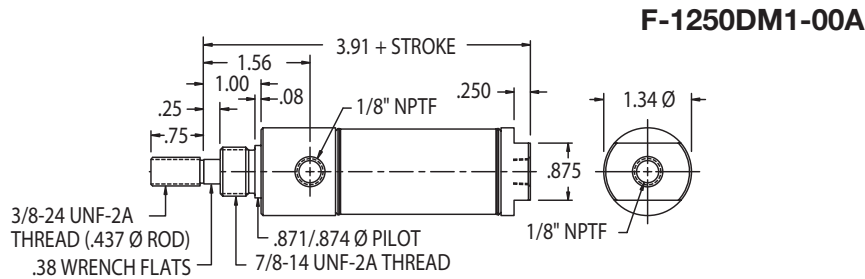
Mounting Nut
F-M190006



Rod Clevis
F-M127004

OPTION

- Ports Rotated - 90° on DM2 (both)
- Viton® Seals - (for media or environment compatibility only)
DM1 & DM2
DM3
- Rod Wiper
- Side Port - DM1 (Add .25 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

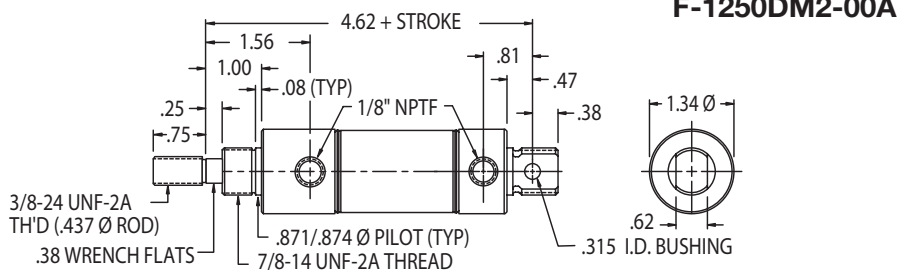
Maximum Stroke: 12"

Optional Accessories:

• F-M117013 Mounting Bracket

Base Weight: .51 lbs.

Plus .07 lbs. per inch of stroke



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

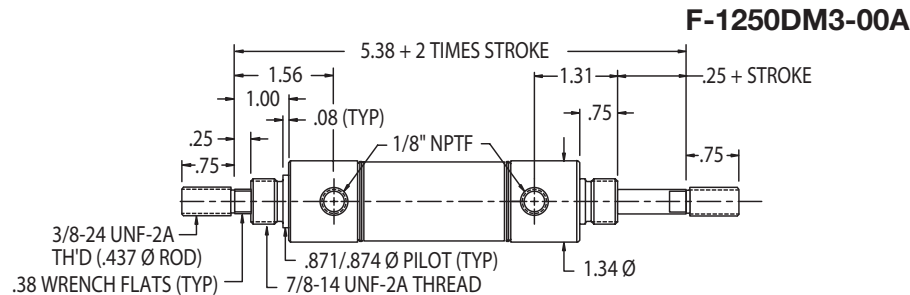
Maximum Stroke: 32"

Optional Accessories:

• F-M117013 Mounting Bracket

Base Weight: .61 lbs.

Plus .07 lbs. per inch of stroke



BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

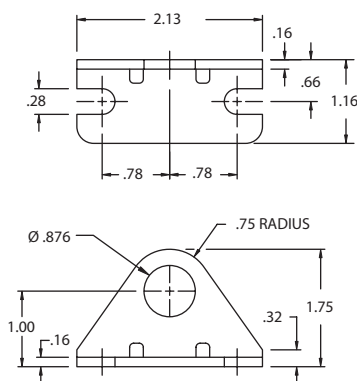
Optional Accessories:

• F-M117013 Mounting Bracket

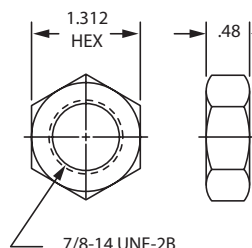
Base Weight: .70 lbs.

Plus .14 lbs. per inch of stroke

1-1/4" Bore Cylinder Specifications – Options & Accessories



Mounting Bracket
F-M117013



Mounting Nut
F-M190007

OPTION

- Ports Rotated – 90° on DM2 (both)
- Viton® Seals – (for media or environment compatibility only)
DM1 & DM2
DM3
- Rod Wiper
- Side Port – DM1 (Add .25 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension

- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 1-1/4" bore cylinders
- Approximate Force Exerted: (1.2) x (Supply psi)
- Stroke tolerance ±.032

F-Series Magnetic Interchange

FABCO-AIR

1-1/2" Bore Cylinders

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

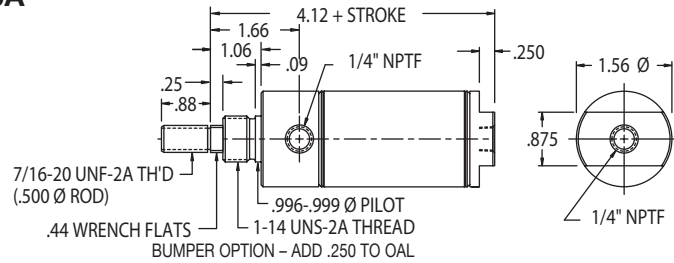
Optional Accessories:

- F-M127005 Rod Clevis

Base Weight: .74 lbs.

Plus .10 lbs. per inch of stroke

F-1500DM1-00A



Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

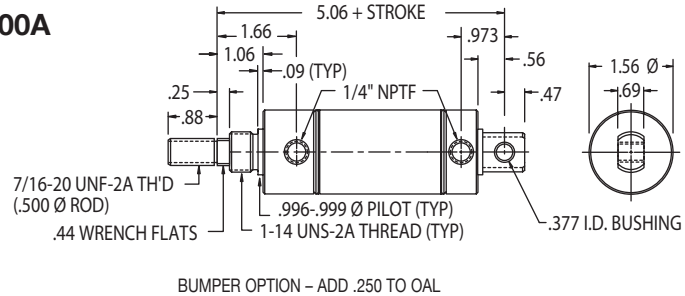
Optional Accessories:

- F-M127005 Rod Clevis

Base Weight: .87 lbs.

Plus .10 lbs. per inch of stroke

F-1500DM2-00A



Double Acting Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

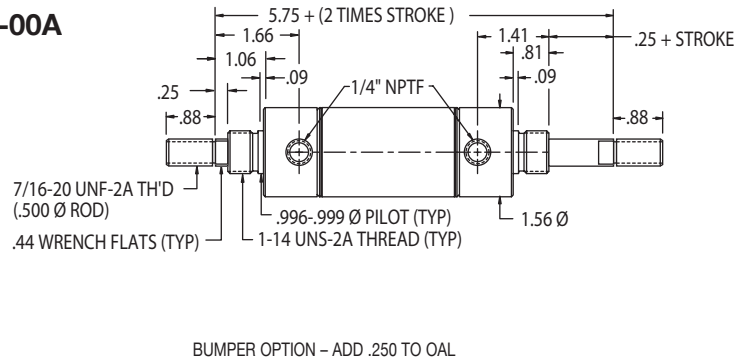
Optional Accessories:

- F-M127005 Rod Clevis

Base Weight: .94 lbs.

Plus .20 lbs. per inch of stroke

F-1500DM3-00A

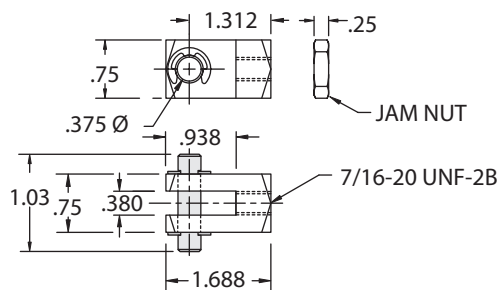


1-1/2" Bore Cylinder Specifications – Options & Accessories

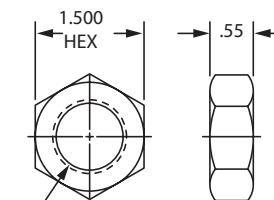
- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 1-1/2" bore cylinders
- Approximate Force Exerted: (1.7) x (Supply psi)
- Stroke tolerance ±.032

OPTION

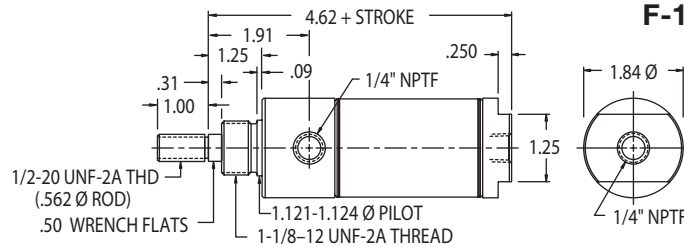
- Ports Rotated – 90° on DM2 (both)
- Viton® Seals – (for media or environment compatibility only)
DM1 & DM2
DM3
- Rod Wiper –
- Side Port – DM1 (Add .25 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension



Rod Clevis
F-M127005



Mounting Nut
F-M190008



F-1750DM1-00A

BUMPER OPTION - ADD .250 TO OAL

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

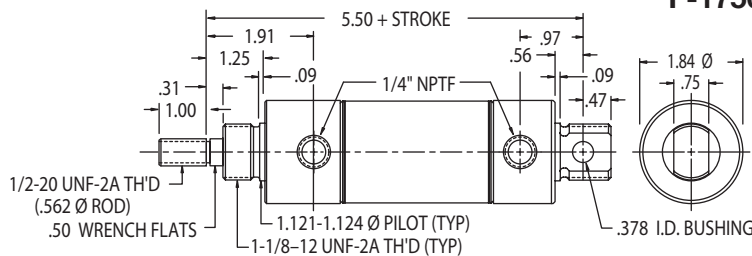
Optional Accessories:

• F-M117012 Mounting Bracket

• F-M127006 Rod Clevis

Base Weight: 1.14 lbs.

Plus .13 lbs. per inch of stroke



F-1750DM2-00A

BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4",

5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

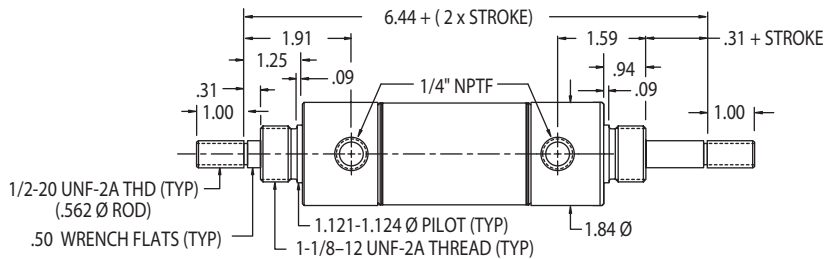
Optional Accessories:

• F-M117012 Mounting Bracket

• F-M127006 Rod Clevis

Base Weight: 1.30 lbs.

Plus .13 lbs. per inch of stroke



F-1750DM3-00A

BUMPER OPTION - ADD .250 TO OAL

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

• F-M117012 Mounting Bracket

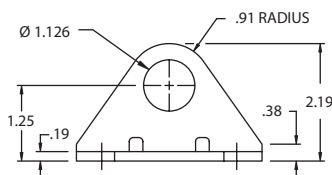
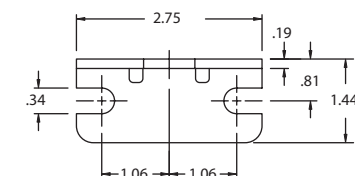
• F-M127006 Rod Clevis

Base Weight: 1.40 lbs.

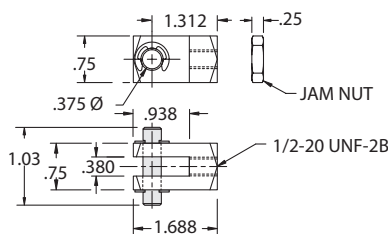
Plus .26 lbs. per inch of stroke

1-3/4" Bore Cylinder Specifications – Options & Accessories

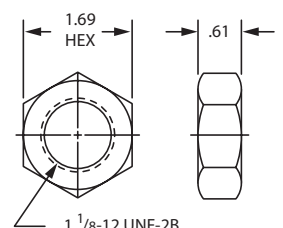
- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 1-3/4" bore cylinders
- Approximate Force Exerted: (2.4) x (Supply psi)
- Stroke tolerance $\pm .032$



Mounting Bracket
F-M117012



Rod Clevis
F-M127006



Mounting Nut
F-M190015

OPTION

- Ports Rotated - 90° on DM2 (both)
- Viton® Seals - (for media or environment compatibility only)
- DM1 & DM2
- DM3
- Rod Wiper -
- Side Port - DM1 (Add .56 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension

F-Series Magnetic Interchange 2" Bore Cylinders

FABCO-AIR

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

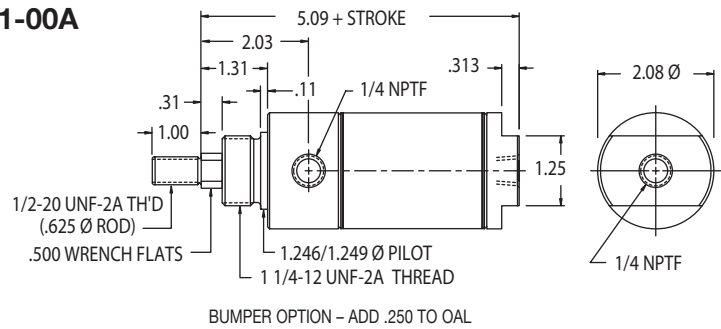
Optional Accessories:

• F-M127006 Rod Clevis

Base Weight: 1.55 lbs.

Plus .15 lbs. per inch of stroke

F-2000DM1-00A



Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

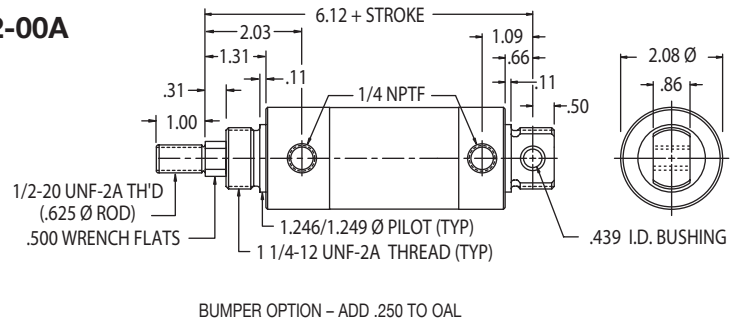
Optional Accessories:

• F-M127006 Rod Clevis

Base Weight: 1.80 lbs.

Plus .15 lbs. per inch of stroke

F-2000DM2-00A



Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

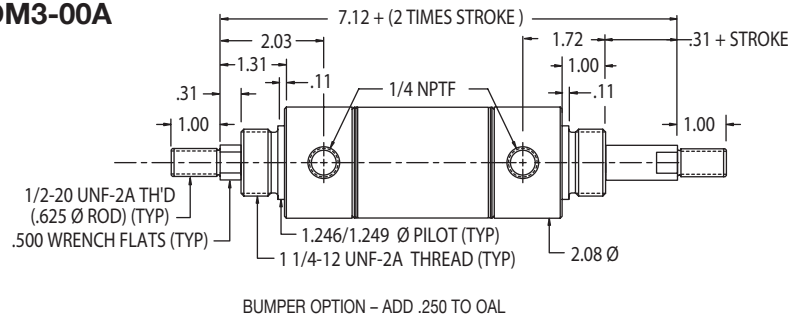
Optional Accessories:

• F-M127006 Rod Clevis

Base Weight: 1.90 lbs.

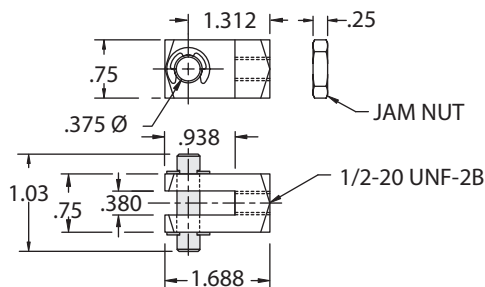
Plus .30 lbs. per inch of stroke

F-2000DM3-00A



2" Bore Cylinder Specifications – Options & Accessories

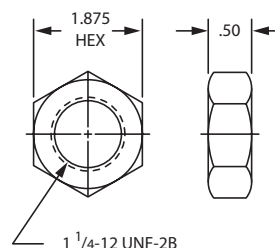
- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 2" bore cylinders
- Approximate Force Exerted: (3.1) x (Supply psi)
- Stroke tolerance $\pm .032$



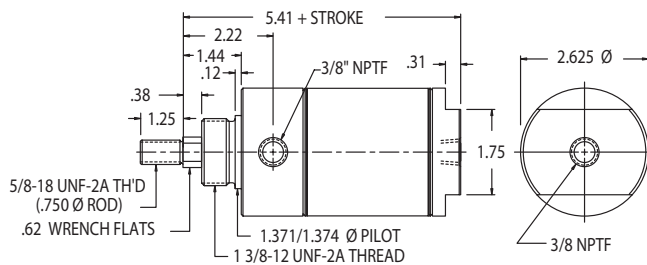
Rod Clevis
F-M127006

OPTION

- Ports Rotated - 90° on DM2 (both)
- Viton® Seals - (for media or environment compatibility only)
- DM1 & DM2
- DM3
- Rod Wiper -
- Side Port - DM1 (Add .56 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension



Mounting Nut
F-M190009



F-2500DM1-00A

Double Acting

Front Nose Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

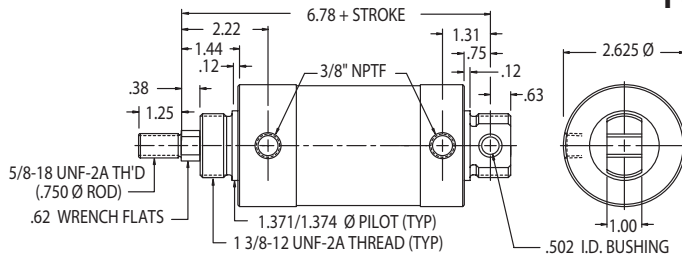
Optional Accessories:

• F-M127007 Rod Clevis

Base Weight: 2.48 lbs.

Plus .20 lbs. per inch of stroke

BUMPER OPTION - ADD .250 TO OAL



F-2500DM2-00A

Double Acting

Double Nose or Rear Pivot Mount

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"

Maximum Stroke: 32"

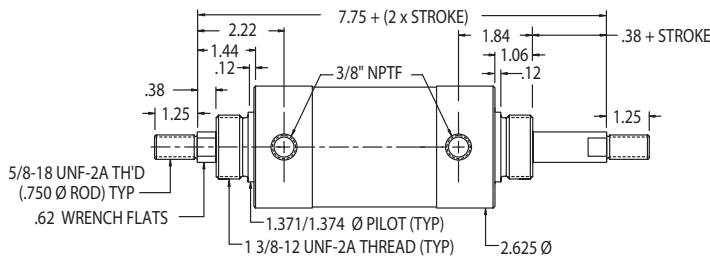
Optional Accessories:

• F-M127007 Rod Clevis

Base Weight: 2.90 lbs.

Plus .20 lbs. per inch of stroke

BUMPER OPTION - ADD .250 TO OAL



F-2500DM3-00A

Double Acting

Double Rod

Standard Stroke Lengths:

1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5", 6"

Maximum Stroke: 12"

Optional Accessories:

• F-M127007 Rod Clevis

Base Weight: 3.15 lbs.

Plus .40 lbs. per inch of stroke

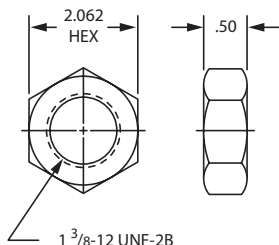
BUMPER OPTION - ADD .250 TO OAL

2-1/2" Bore Cylinder Specifications – Options & Accessories

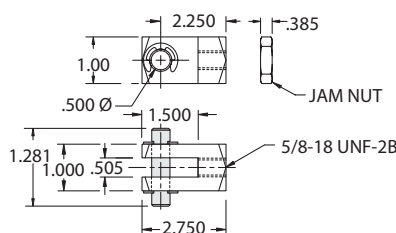
- -10° to +165°F
- Piston Rod: Ground/Polished 303 Stainless Steel
- **Mounting nuts are not included**
- Bumpers are optional on all 2-1/2" bore cylinders
- Approximate Force Exerted: (5.0) x (Supply psi)
- Stroke tolerance ±.032

OPTION

- Ports Rotated - 90° on DM2 (both)
- Viton® Seals - (for media or environment compatibility only)
- DM1
- DM2
- DM3
- Rod Wiper -
- Side Port - DM1. (Add .38 to OAL)
- Rod Extension DM1, DM2
- Rod Thread Extension



Mounting Nut
F-M190012

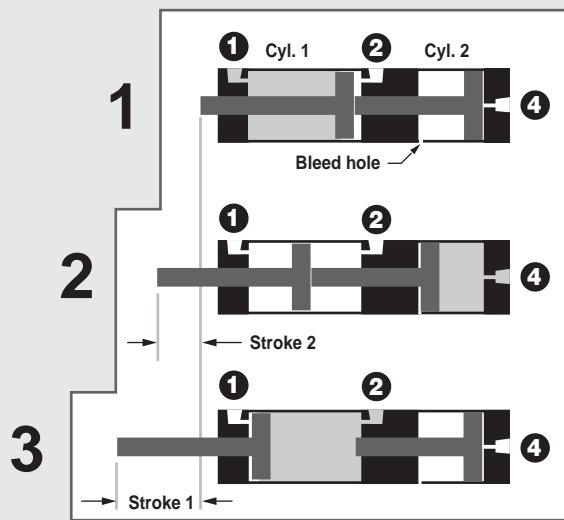


Rod Clevis
F-M127007

3-Position (Tandem) Cylinders

Tandem cylinders are generally used when three distinct rod positions are required from a single cylinder body. Two cylinders are assembled tip-to-tail with a common center head. Using cylinders with two different lengths (the shorter located on the rear cylinder), enables the front rod to be extended from "home" to a positive mid-position or to full extension.

How they work



Exposed rod is in retracted "home" position when port 1 is pressurized and ports 2 & 4 are open to atmosphere.

Rod is extended to mid position when port 4 is pressurized and ports 1 & 2 are open to atmosphere.

Rod is fully extended when port 2 is pressurized and ports 1 & 4 are open to atmosphere.

☐ Pressure applied to piston ☐ Open to Atmosphere

How to Order

Series Bore Mounting
F-1500 D1

Bore Size (4 digits)

0750 = 3/4"
1062 = 1-1/16"
1500 = 1-1/2"
2000 = 2"

Mounting Style (2 digits)

D1 = Double Acting Nose Mount

In the order example above, when port 4 is pressurized, the cylinder will stroke 4". When port 2 is pressurized, the cylinder will stroke an additional 2" for a total of 6".

For cylinder 2 strokes over 8" and/or combined strokes over 24", consult factory.

Stroke 1 Stroke 2 Options
- 06A - 04A - 12

Options (2 digits)

12 = Magnetic Piston both ends
Leave blank if magnetic piston is not required

Cyl. 2 Stroke

Cyl. 1 Stroke

Stroke Tolerance	
3/4" thru 1-1/2" bore	+.075 / -.040
2" bore	+.095 / -.060

Full Inch Stroke (2 digits)

00 = 0"
01 = 1"
02 = 2"
03 = 3"
:
08 = 8" (max. cyl. 2 stroke)

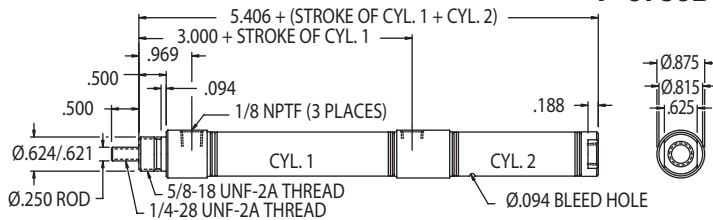
Note:

Total Stroke 1 + Stroke 2 not to exceed 24"

Fractional Inch Stroke

(1 digit)
A = 0"
I = 1/2"

F-0750D1-00A-00A-00



3/4" Bore

Front Nose Mount

Available Stroke Lengths:

Cyl. 2 – 1/2" increments to 8"

Cyl. 1 – 1/2" increments

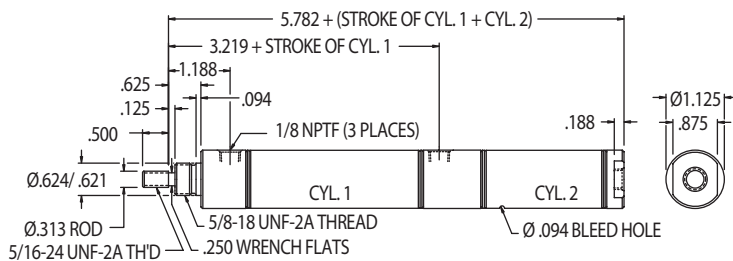
Total stroke 1 + stroke 2 not to exceed 24"

Optional Accessories:

•F-M117005 Mounting Bracket

See details page 61

F-1062D1-00A-00A-00



1-1/16" Bore

Front Nose Mount

Available Stroke Lengths:

Cyl. 2 – 1/2" increments to 8"

Cyl. 1 – 1/2" increments

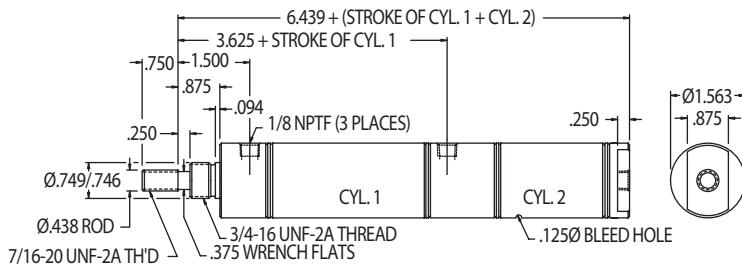
Total stroke 1 + stroke 2 not to exceed 24"

Optional Accessories:

•F-M117005 Mounting Bracket

See details page 61

F-1500D1-00A-00A-00



1-1/2" Bore

Front Nose Mount

Available Stroke Lengths:

Cyl. 2 – 1/2" increments to 8"

Cyl. 1 – 1/2" increments

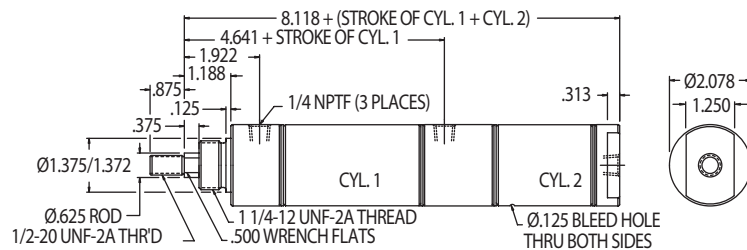
Total stroke 1 + stroke 2 not to exceed 24"

Optional Accessories:

•F-M117007 Mounting Bracket

See details page 61

F-2000D1-00A-00A-00



2" Bore

Front Nose Mount

Available Stroke Lengths:

Cyl. 2 – 1/2" increments to 8"

Cyl. 1 – 1/2" increments

Total stroke 1 + stroke 2 not to exceed 24"

Optional Accessories:

•F-M117009 Mounting Bracket

See details page 61

F-Series

Hole Punch Cylinders

Fabco-Air's rugged Hole Punch Cylinder enables trouble-free punching of millions of holes in plastic film; ideally suited for LLDPE (linear low density polyethylene). A major feature allows punch replacement without having to replace the cylinder. Available in eight different hole punch sizes from 1/8" to 3/4," razor sharp plastic punches are self-sharpening and significantly outlast conventional steel punches in most applications.

An air ejector, foam ejector, and auto ejector are offered as options. These ejectors discharge material slugs from the center of the punch and prevent debris build-up.

Punches may be used with any F-Series cylinder that has 1/4-28 UNF-2A male threads. For your convenience, Fabco-Air has configured three standard cylinders designed specifically for hole punch applications. A thread extension of 1/2" aids punch position adjustment. Elastomer bumpers are included to ensure quiet operation. The cylinders are rated for 250 psi. A mounting nut is included.

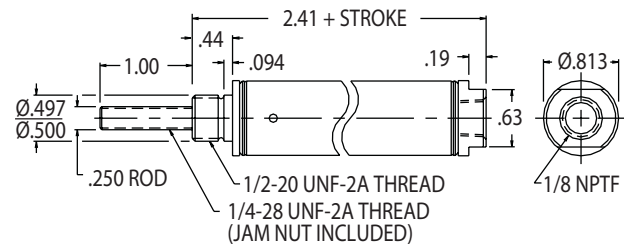
FABCO-AIR



Stroke Tolerance $\pm .032$

3/4" Bore Single Acting Spring Return **FM-12263-00I** 1/2" Stroke

- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included

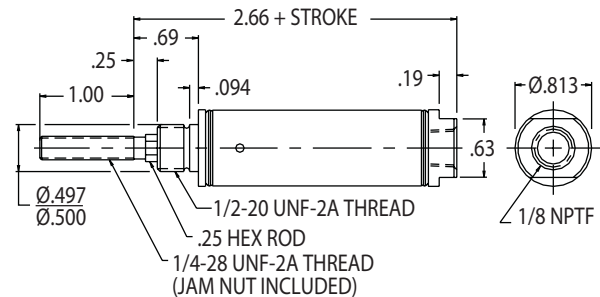


3/4" Bore Single Acting Spring Return **FM-12263-01A** 1" Stroke

- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included

3/4" Bore Single Acting Spring Return **FM-12264-00I** 1/2" Stroke – Non-Rotating Rod

- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included

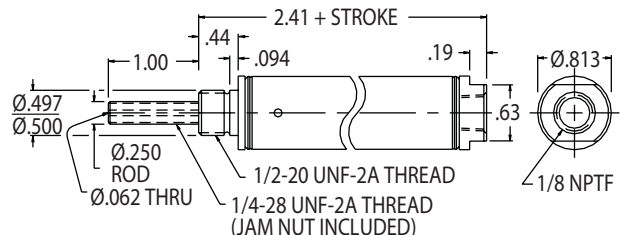


3/4" Bore Single Acting Spring Return **FM-12264-01A** 1" Stroke – Non-Rotating Rod

- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included

3/4" Bore Single Acting Spring Return **FM-12265-00I** 1/2" Stroke – Hollow Rod for air ejector applications

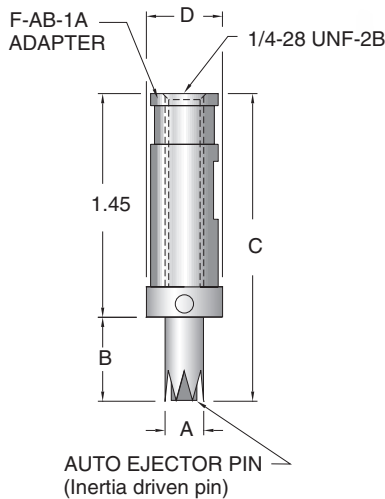
- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included



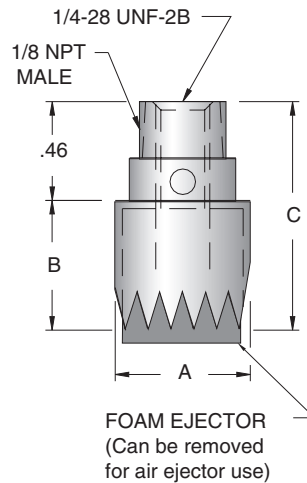
3/4" Bore Single Acting Spring Return **FM-12265-01A** 1" Stroke – Hollow Rod for air ejector applications

- Bumpers
- 1/2" Thread Extension
- Mounting Nut Included

Punch for Hole
Diameters 1/8" and 1/4"
shown below with
#F-AB-1A Adapter



Punch for Hole
Diameters 3/8" - 3/4"



Benefits

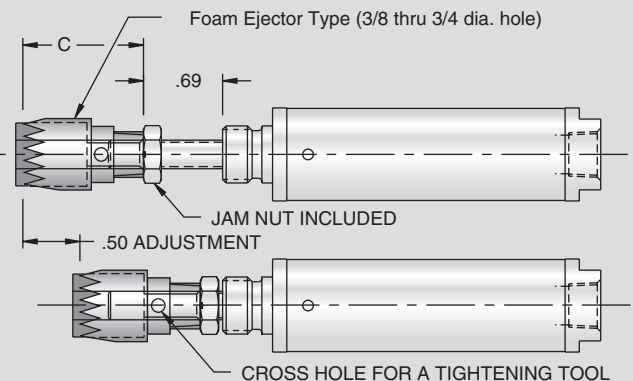
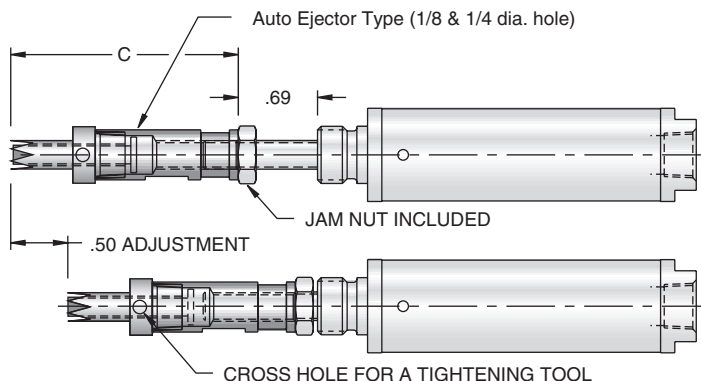
- Punches are replaceable without replacing cylinder.
- Punches are self sharpening, light weight plastic. Made from specially formulated material, these punches regularly outlast steel punches in most applications.
- Auto-Ejector is standard on 1/8" and 1/4" diameters.
- Foam ejector is standard on 3/8" to 3/4" diameters.
- Punch locations are adjustable along cylinder rod.
- Excellent for use in:
 - Linear Low Density Polyethylene Film (LLDPE)
 - Polyethylene film up to 3 mil thickness
 - Polypropylene film up to 1 mil thickness

Part #	Hole Dia.	A	B	C	D	Ejector Type	Adapter Required	†Package Price
F-PCN-18	1/8"	.125	.54	1.99	.44	Auto Ejector Pin	F-AB-1A (\$27.11 ea.)	\$60.26
F-PCN-14	1/4"	.250	.54	1.99	.44	Auto Ejector Pin	F-AB-1A (\$27.11 ea.)	58.24
F-PCN-38	3/8"	.375	.54	1.00	NA	Foam Ejector	None	99.03
F-PCN-716	7/16"	.437	.54	1.00	NA	Foam Ejector	None	58.24
F-PCN-12	1/2"	.500	.54	1.00	NA	Foam Ejector	None	58.24
F-PCN-916	9/16"	.562	.60	1.06	NA	Foam Ejector	None	66.80
F-PCN-58	5/8"	.625	.60	1.06	NA	Foam Ejector	None	66.80
F-PCN-34	3/4"	.750	.60	1.06	NA	Foam Ejector	None	84.08

Note:

1. Punch standard package quantity is 5 pieces.
2. Adapters are available individually, and are not supplied with the punch.
3. For air ejection applications, use hollow rod cylinders type FM12265.
4. Jam nuts are included with all "Hole Punch" cylinders.

Cylinder and Punch Assemblies



Position Feedback Cylinders

General Technical Data

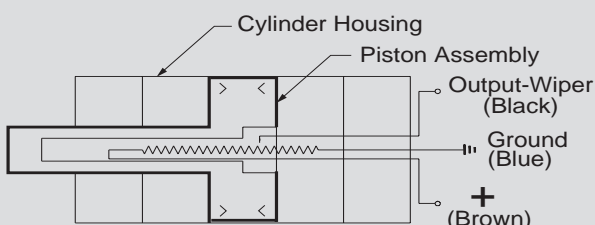
The **PFA Series** is an economical pneumatic linear actuator that contains an internal Linear Resistive Transducer (LRT). It is ideal for applications where traditional magnetic position sensing is not acceptable. Additionally, the **PFA Series** is conducive where variations in cylinder stroke and speed are required or where an application calls for continuous position monitoring.

- Operating pressure: 150 psi max.
- Recommended Media: Filtered, clean, dry "non-condensing" compressed air. Do not apply any fluids that may be electrically conductive. Water-based fluids should not be used.

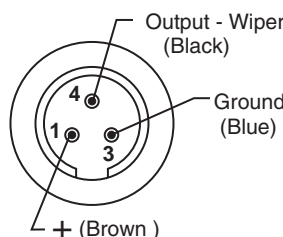
Electrical Specifications

Electrical Resistance	1000 ohms (± 20%) per inch of stroke
Resolution	Infinite (limited by interfacing electronics)
Temperature Range	0° F to 160° F
Life Rating	500 million inches of travel on transducer
Linearity	±1% of stroke (or better)
Interface	6" cable with M8x1 Quick Connect
Signal Input	Typically 10 VDC
Maximum Speed	50 in/sec
Maximum Standard Stroke	18 inches (longer strokes available upon request)
Maximum Current	1 microamp required from the transducer

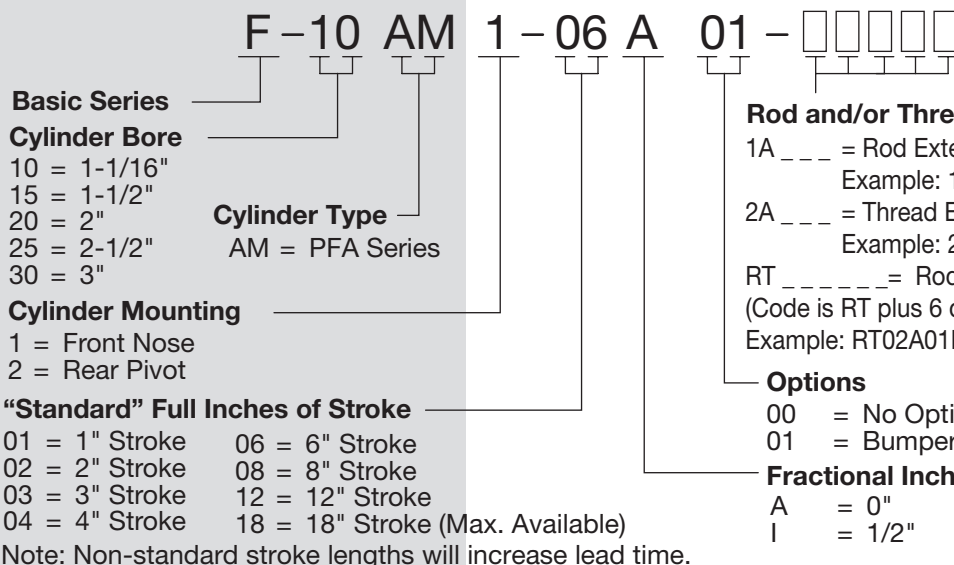
LRT Circuit Diagram



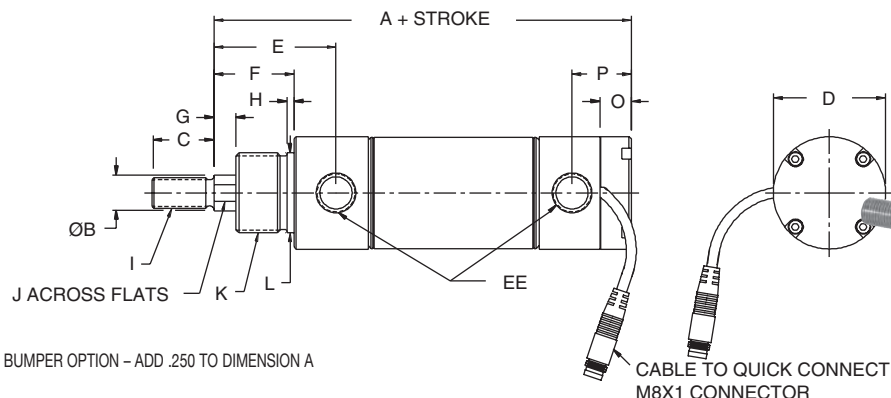
Connector Pin Assignments



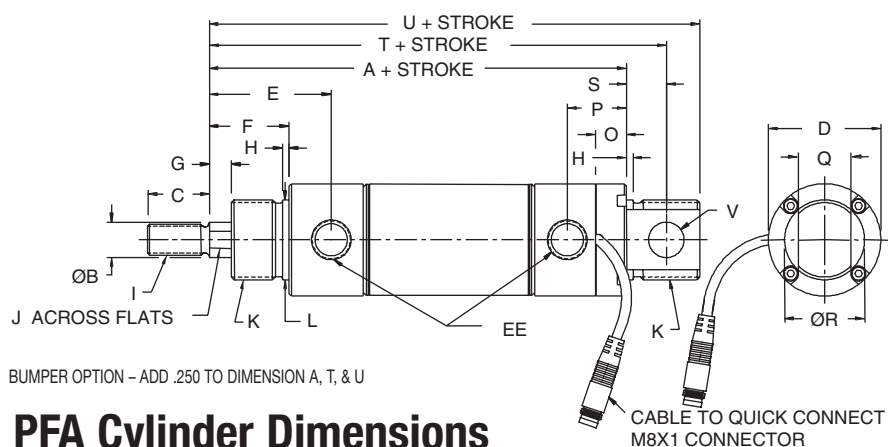
How to Order Cylinder



Note that the **PFA Series** can integrate with some Fabco-Air slide products. Contact your local distributor or Fabco-Air engineering for details.



BUMPER OPTION - ADD .250 TO DIMENSION A



BUMPER OPTION - ADD .250 TO DIMENSION A, T, & U

PFA Cylinder Dimensions

	1-1/16" Bore Bore Code 10	1-1/2" Bore Bore Code 15	2" Bore Bore Code 20	2-1/2" Bore Bore Code 25	3" Bore Bore Code 30
A	4.59	4.88	5.46	6.41	6.78
B	0.375	0.500	0.625	0.750	0.750
C	0.63	0.88	1.00	1.25	1.25
D	1.312	1.58	2.08	2.63	3.16
E	1.75	1.72	1.92	2.25	2.16
F	1.06	1.13	1.188	1.50	1.438
G	0.31	0.31	0.38	0.44	0.44
H	0.09	0.09	0.13	0.13	0.19
I	5/16-24 UNF	7/16-20 UNF	1/2-20 UNF	5/8-18 UNF	5/8-18 UNF
J	0.31	0.44	0.50	0.63	0.63
K	7/8-14 UNF	1 1/8-12 UNF	1 1/4-12 UNF	1 3/8-12 UNF	1 1/2-12 UNF
L	0.875	1.125	1.375	1.500	1.625
O	0.44	0.41	0.50	0.56	0.63
P	0.84	0.83	0.93	1.13	1.47
Q	0.38	0.63	0.75	0.88	0.88
R	0.875	1.125	1.375	1.500	1.625
S	0.47	0.56	0.56	0.75	0.81
T	5.06	5.44	6.02	7.16	7.59
U	5.34	5.91	6.46	7.78	8.22
V	0.250	0.375	0.375	0.500	0.500
EE	1/8 NPTF	1/4 NPTF	1/4 NPTF	3/8 NPTF	3/8 NPTF

Port Mounted Flow Controls

FABCO-AIR

Swivel, Brass Body Flow Controls

- Full 360° Swivel • Compact Size • Pre-applied thread sealant

SPECIFICATIONS

- Male sizes:
 - #10-32, 1/8 NPT, 1/4 NPT
- Female NPT or instant tube connections:
 - 10-32, 1/8 NPT, 1/4 NPT,
 - 5/32" T, 1/4" T, 3/8" T
- Choice of controlled flow direction
 - Valve mount – Meter in
 - Cylinder mount – Meter out
- Operating pressure to 150 PSI (10 bar)
- Operating temperature: -25° to 250°F

Easy Disassembly for Maintenance



PC1-K

PC2-A

PC4-L

See dimensions and flow information on next page.

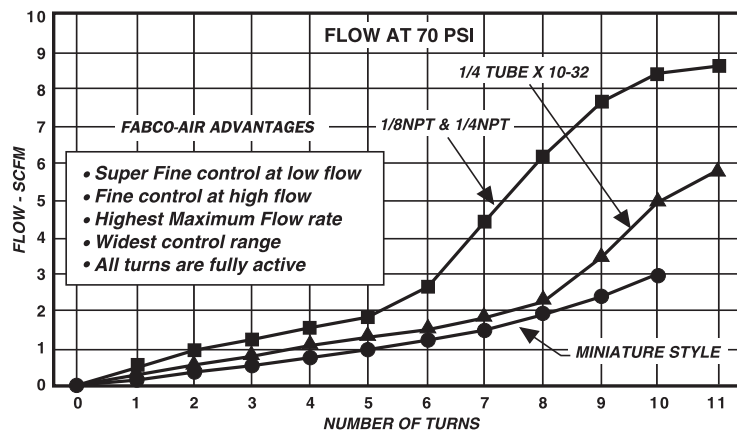
Swivel, Molded Body Flow Controls

- Full 360° Swivel • Compact Size • Pre-applied thread sealant

SPECIFICATIONS

- Male sizes:
 - #10-32, 1/8 NPT, 1/4 NPT, 3/8 NPT
- Female instant tube connections:
 - 5/32" T, 1/4" T, 3/8" T
- Operating pressure to 150 PSI (10 bar)
- Operating temperature:
 - 0 to 160°F (-18°C to 70°C)
- High flow rates (see chart at right)
- Use with air or other inert gas only
- Not recommended for use with liquids
- Meter out only

FLOW CHARACTERISTICS OF FABCO-AIR VALVES



How to Order Model Numbers & Dimensions

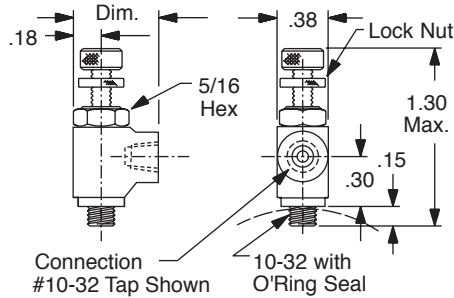


KNOB ADJUSTABLE VALVES

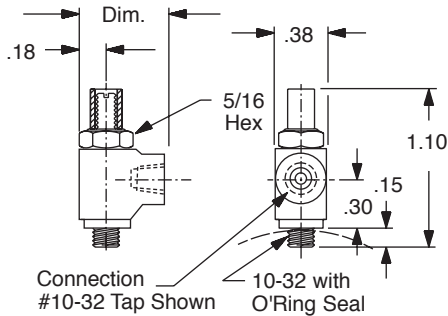
Model No.	Description	Price	A	B max	C	Flow (Cv)
PK-82010	5/32 tubing x 10-32	-	0.68	0.45	1.08	0.05
PK-82012	5/32 tubing x 1/8 NPT	-	1.05	0.75	1.25	0.13
PK-82014	5/32 tubing x 1/4 NPT	-	1.17	0.75	1.37	0.13
PK-82040	1/4 tubing x 10-32	-	0.95	0.75	1.30	0.08
PK-82042	1/4 tubing x 1/8 NPT	-	1.05	0.75	1.30	0.13
PK-82044	1/4 tubing x 1/4 NPT	-	1.17	0.75	1.40	0.13
PK-82046	1/4 tubing x 3/8 NPT	-	1.38	0.92	1.75	0.27
PK-82064	3/8 tubing x 1/4 NPT	-	1.34	0.92	1.70	0.27
PK-82066	3/8 tubing x 3/8 NPT	-	1.38	0.92	1.75	0.27

Size 1 10-32 Male Thread

Knob Adjustment



Screwdriver Adjustment



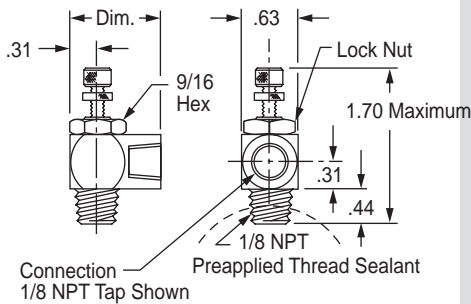
Flow Characteristics

Typical Free Flow Maximum

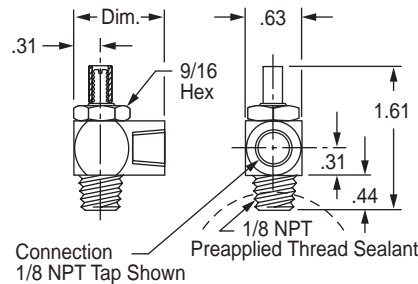
Supply Pressure	Flow Rate
60 psi	1.1 SCFM
100 psi	1.8 SCFM

Size 2 1/8 NPT Male Thread

Knob Adjustment



Screwdriver Adjustment



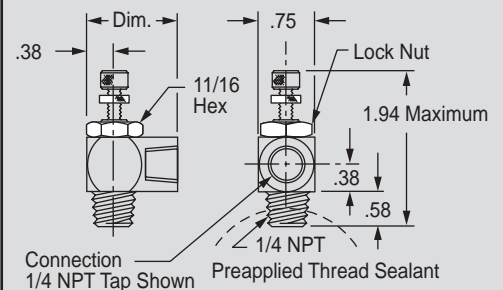
Flow Characteristics

Typical Free Flow Maximum

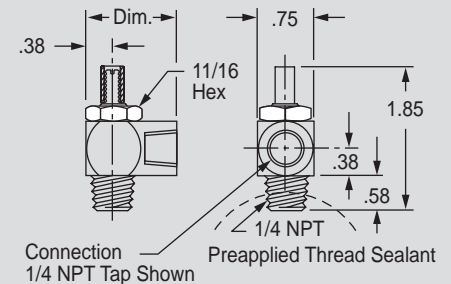
Supply Pressure	Flow Rate
60 psi	10.4 SCFM
100 psi	16.0 SCFM

Size 4 1/4 NPT Male Thread

Knob Adjustment



Screwdriver Adjustment



Flow Characteristics

Typical Free Flow Maximum

Supply Pressure	Flow Rate
60 psi	15.9 SCFM
100 psi	24.8 SCFM

Male Thread	Adjustment	Connection	Model Number / Price				Dim.
			Valve Mount Meter In	Price	Cylinder Mount Meter Out	Price	
Size #1 #10-32	Knob	10-32 Tap	PV1-A	-	PC1-A	-	.63
		5/32" Tube	PV1-C	-	PC1-C	-	1.16
	Screwdriver	10-32 Tap	PV1-K	-	PC1-K	-	.63
		5/32" Tube	PV1-M	-	PC1-M	-	1.16
Size #2 1/8 NPT	Knob	1/8 NPT Tap	PV2-A	-	PC2-A	-	1.00
		5/32" Tube	PV2-C	-	PC2-C	-	1.65
		1/4" Tube	PV2-D	-	PC2-D	-	1.63
	Screwdriver	1/8 NPT Tap	PV2-K	-	PC2-K	-	1.00
		5/32" Tube	PV2-M	-	PC2-M	-	1.65
		1/4" Tube	PV2-N	-	PC2-N	-	1.63
Size #4 1/4 NPT	Knob	1/4 NPT Tap	PV4-A	-	PC4-A	-	1.25
		1/4" Tube	PV4-B	-	PC4-B	-	1.75
		3/8" Tube	PV4-C	-	PC4-C	-	2.00
	Screwdriver	1/4 NPT Tap	PV4-K	-	PC4-K	-	1.25
		1/4" Tube	PV4-L	-	PC4-L	-	1.75
		3/8" Tube	PV4-M	-	PC4-M	-	2.00

Magnetic Position Sensors

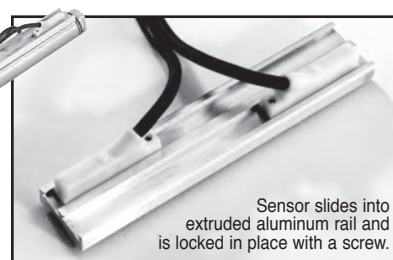
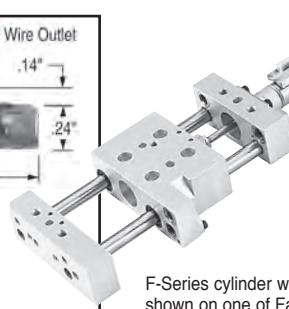
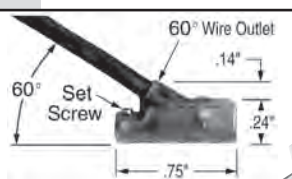
Temperature range: -4° to +176°F (-20° to +80°C)

Magnetically operated reed switches and electronic sensors can be mounted anywhere along the length and circumference of the cylinder. A magnetic piston is required and is standard on Magnetic Interchange cylinders. Specify Magnetic Piston Option "-03" for other F-Series models or "-12" for 3-position models

Dovetail Style Sensors		Prewired 9 ft. Leadwire		Quick Disconnect*	
Sensor Type	Electrical Characteristics	Part No.	Price	Part No.	Price
Reed (No LED)	0-120 VDC/VAC, 0.5 Amp Max current, 5 Watt Max, 0 Voltage Drop	949-000-001	-	949-000-301	-
Reed (LED)	5-120 VDC/VAC, 0.03 Amp Max current, 4 Watt Max, 2.0 Voltage Drop	949-000-002	-	949-000-302	-
Electronic (LED)	Sourcing PNP 5-28 VDC, 0.20 Amp Max current, 1.0 Voltage Drop	949-000-031	-	949-000-331	-
Electronic (LED)	Sinking NPN 5-28 VDC, 0.20 Amp Max current, 1.0 Voltage Drop	949-000-032	-	949-000-332	-

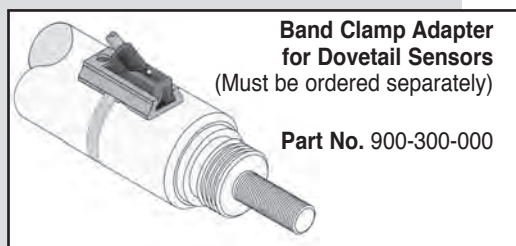
*Note: Quick disconnect styles are supplied with 6 inch pigtail with male connector. Order female cordsets separately from chart below.

- Encased in a plastic housing, dovetail style sensors are corrosion resistant. 60° wire outlet allows close mounting.
- Two methods of mounting are available: one is fastened to the cylinder barrel with a **band clamp** (not included with sensor – must be ordered separately); the second is an adhesive-backed **mounting rail** with twin dovetail slots.



F-Series cylinder with rail mounted dovetail sensors shown on one of Fabco-Air's linear slide products.

Mounting Options



Band Clamp Adapter for Dovetail Sensors
(Must be ordered separately)

Part No. 900-300-000

Dovetail Rail as shown above (must be ordered separately). Order by **Part No. "ER – length"** where the length is known, or by **"ER – cylinder model no."** Example: "ER-F-1062D02-04A-03" Model no. of cylinder allows factory to determine the length needed. (Estimated length for pricing purposes is "stroke + 1")
Price: \$3.10 + \$1.10 per inch length
Supplied with double sided tape affixed.
Application recommendations:
a) Clean cylinder body O.D. with acetone. Remove all oil from surface.

- Do not apply the rail over the crimped body edge.
- Double check positioning of the rail.
- High performance double sided tape offers convenient "peel and stick" but is very aggressive, giving you only one chance. Be careful !
- Remove protective film from tape and place rail in desired position.
- Firmly press the rail to cylinder body.

Alternatively, the extruded aluminum rail can be fastened using Loctite® U-05FL urethane adhesive or similar. Follow product manufacturer's recommendations for application.

Clamp on Style Sensors		Prewired 9 ft. Leadwire		Quick Disconnect*	
Sensor Type	Electrical Characteristics	Part No.	Price	Part No.	Price
Reed (LED)	5-120 VAC/VDC, 0.5 AMP Max, 10 Watt Max, SPST N.O. 3.5 voltage drop	9-2A197-1003	-	9-2A197-1303	-
Electronic (LED)	Sourcing, PNP, 6-24 VDC, 0.5 Amp Max, 1.0 voltage drop	9-2A197-1031	-	9-2A197-1331	-
Electronic (LED)	Sinking, NPN, 6-24 VDC, 0.5 Amp Max, 1.0 voltage drop	9-2A197-1032	-	9-2A197-1332	-

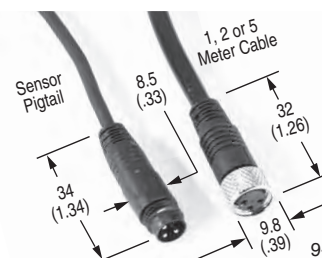


Band Clamp for Clamp On Sensors
(must be ordered separately)
Part No. 800-A00-000



Prewired style sensors are supplied with a 9 foot leadwire.

*Quick disconnect style sensors are supplied with male connector as shown in this photo. Order female cordsets separately from the chart below.

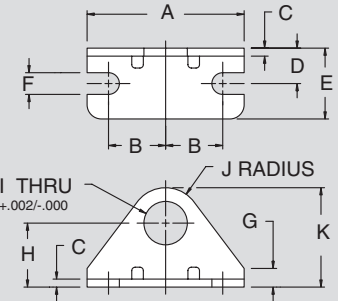


Female Cordsets for Quick Disconnect Sensors

Cordset Length	Part No.	Price
1 Meter	CFC-1M	-
2 Meters	CFC-2M	-
5 Meters	CFC-5M	-

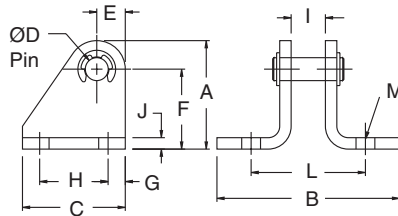
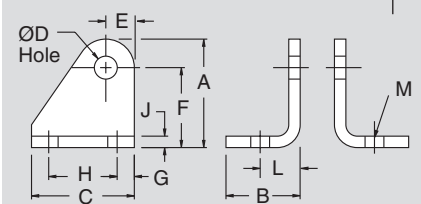
Nose Mounting Brackets

A	B	C	D	E	F	G	H	I	J	K	Part #	Price
1.00	.38	.063	.25	.38	.14	.13	.438	.251	.31	.75	F-M117001	-
1.00	.38	.063	.25	.38	.14	.13	.438	.376	.31	.75	F-M117002	-
1.38	.50	.094	.38	.69	.20	.13	.563	.438	.38	.83	F-M117003	-
1.38	.50	.063	.31	.63	.20	.13	.563	.376	.31	.88	F-M117004	-
1.88	.75	.125	.56	1.00	.26	.25	.813	.626	.56	1.38	F-M117005	-
1.63	.63	.094	.44	.75	.20	.19	.688	.501	.41	1.09	F-M117006	-
2.50	.94	.125	.75	1.50	.28	.63	1.000	.751	.75	1.75	F-M117007	-
3.00	1.13	.188	.88	1.50	.34	.75	1.250	1.032	.91	2.13	F-M117008	-
3.13	1.13	.250	1.00	1.63	.34	.63	1.500	1.376	1.00	2.50	F-M117009	-
3.75	1.44	.250	1.00	1.63	.34	.75	1.750	1.501	1.25	3.00	F-M117010	-
4.38	1.75	.250	1.00	1.63	.34	.89	1.890	1.626	1.25	3.14	F-M117011	-
2.75	1.06	.188	.81	1.44	.34	.38	1.250	1.126	.91	2.19	F-M117012	-
2.13	.78	.157	.66	1.16	.28	.32	1.000	.876	.75	1.75	F-M117013	-

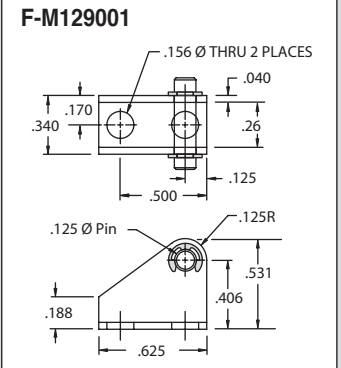


Pivot Mounting Brackets

A	B	C	D	E	F	G	H	J	L	M	Part #	Price
.77	.50	.75	.157	.20	.56	.13	.50	.063	.28	.20	F-M029002	-
1.19	.81	1.13	.250	.31	.88	.19	.75	.125	.44	.26	F-M029003	-
1.75	1.00	1.50	.375	.38	1.38	.25	1.00	.125	.63	.26	F-M029004	-
1.75	1.13	1.50	.500	.38	1.38	.25	1.00	.250	.69	.26	F-M029006	-

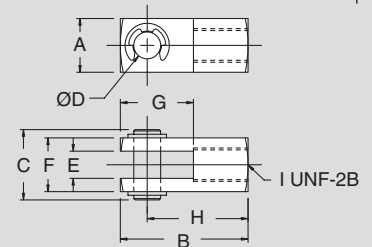


A	B	C	D	E	F	G	H	I	J	L	M	Part #	Price
.77	1.34	.75	.157	.20	.56	.13	.50	.34	.063	.90	.20	F-M129002	-
1.19	2.00	1.13	.250	.31	.88	.19	.75	.38	.125	1.25	.26	F-M129003	-
1.75	2.88	1.50	.375	.38	1.38	.25	1.00	.63	.250	2.00	.26	F-M129005	-
1.19	2.12	1.13	.250	.31	.88	.19	.75	.50	.125	1.38	.26	F-M229003	-
1.75	3.00	1.50	.375	.38	1.38	.25	1.00	.75	.250	2.13	.26	F-M229005	-
2.25	3.88	1.75	.500	.50	1.75	.25	1.25	.88	.250	2.63	.26	F-M229006	-



Rod Clevises

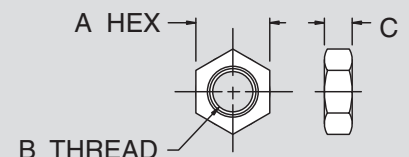
A	B	C	D	E	F	G	H	I	Part #	Price
.31	.56	.53	.125	.13	.31	.38	.44	#5-40	F-M127001	-
.38	.94	.56	.188	.19	.38	.56	.75	#10-32	F-M127002	-
.50	1.19	.68	.250	.25	.50	.68	.94	1/4-28	F-M127003	-
.50	1.19	.68	.250	.25	.50	.68	.94	5/16-24	F-M127004	-
.75	1.69	1.03	.375	.38	.75	.94	1.31	7/16-20	F-M127005	-
.75	1.69	1.03	.375	.38	.75	.94	1.31	1/2-20	F-M127006	-
1.00	2.75	1.28	.500	.50	1.00	1.50	2.25	5/8-18	F-M127007	-



Mounting Nuts & Rod Thread Nuts

Part #	A	B	C	Price
F-M18-004	.500	5/16-24	.19	-
F-M190001	.438	1/4-28	.16	-
F-M190002	.562	3/8-24	.22	-
F-M190003	.687	7/16-20	.25	-
F-M190004	.750	1/2-20	.31	-
F-M190005	.938	5/8-18	.38	-
F-M190006	1.125	3/4-16	.42	-
F-M190007	1.312	7/8-14	.48	-

Part #	A	B	C	Price
F-M190008	1.500	1-14	.55	-
F-M190009	1.875	1 1/4-12	.50	-
F-M190012	2.062	1 3/8-12	.50	-
F-M190013	2.250	1 1/2-12	.50	-
F-M190015	1.688	1 1/8-12	.61	-
F-N90-1096	.938	5/8-18	.38	-
F-M19S006	1.500	1-14	.55	-



Notes

Notes

FABCO-AIR

Product Catalog Library

oem NFPA Air Cylinders
Catalog #FCQN-OEM

FABCO-AIR

OEM - NFPA Air Cylinders



FABCO-AIR
Cylinders, Valves & Accessories



Cylinders, Valves and Accessories
Catalog #CV9

FABCO-AIR
Pancake® II Air Cylinders



Pancake® II Air Cylinders
Catalog #Pan2-2

FABCO-AIR
Square Pancake® II



Square Pancake® II
Air Cylinders
Catalog #SqPan2

FABCO-AIR
ISO CYLINDER ISO 6431, VDMA24562



ISO 6431 Cylinders
Catalog #FAQ2R-09

FABCO-AIR
Twin Rod Cylinders



Twin Rod, Non-Rotating
Air Cylinders - Catalogs
#FDF-09 & #FDXS-09

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High Closing Force
Angular Grippers
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Multi-Power® Air Presses
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Swing Clamps
Catalog #SC-DB04

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Filter-Regulator-Lubricators



Modular Air Prep System
FRLs Catalog #FRL-06

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Pneumatic Finger Slides



Compact Finger Slides
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ISO 6432 Cylinders
Catalog #FAE-09

FABCO-AIR
Stopper Cylinders



Stopper Cylinders
Catalog #ST-SC

FABCO-AIR
NAMUR Solenoid Valves



NAMUR Solenoid Valves
Catalog #FVEN-10

FABCO-AIR
Global Series™ Cylinders



Global Series™ Metric
Air Cylinders
Catalog #GC-15

FABCO-AIR
Air Pilot & Solenoid Valves



Air Pilot and
Solenoid Valves
Catalog #FVA.E-09

FABCO-AIR
Air Table Slides



Air Table Slides
Catalog #FGXS-10

FABCO-AIR
FKHZ Parallel Grippers



Wide & Narrow Parallel
Grippers - Catalogs
#FKHZ-10 & #FKHQ-10

FABCO-AIR
FKHT Toggle Type Grippers



Toggle Type
Angular Grippers
Catalog #FKHT-10

FABCO-AIR
Rotary Actuators



Pneumatic Rotary
Actuators
Catalog #FRA.C-09

FABCO-AIR
Guided Motion Air Cylinders



Guided Motion
Air Cylinders
Catalog #FGM-10

FABCO-AIR
FRB Series Rotary Actuators



Pneumatic Rotary
Actuators
Catalog #FRB-14

FABCO-AIR
Pneumatic Linear Slides



Linear Slides - 6 Families
Catalog #LS-03

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Swing Clamps



Pneumatic & Hydraulic
Swing Clamps
Catalog #FML.H

FABCO-AIR
FKHL Wide Grippers



Wide Opening
Parallel Grippers
Catalog #FKHL-10

FABCO-AIR
Original Pancake® Cylinders



Original Pancake®
Air Cylinders
Catalog #CV9

FABCO-AIR
Pneumatic Assembly Tool



Pneumatic
Crimping Tools
Catalog #FCT-JY07

FABCO-AIR
Magnetically Coupled Rodless Cylinders



Magnetically Coupled
Rodless Air Cylinders
Catalog #FGYBR-11

FABCO-AIR
Rodless Air Cylinder Slides



Magnetically Coupled
Rodless Slides
Catalog #FGYS-11

FABCO-AIR
Angular Motion Grippers



Angular Grippers
Catalog #FKA-09

FABCO-AIR
Parallel & Angular Grippers



3 Series of Angular &
Parallel Motion Grippers
Catalog #GR8

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