

7/8" BORE STAINLESS STEEL CYLINDER



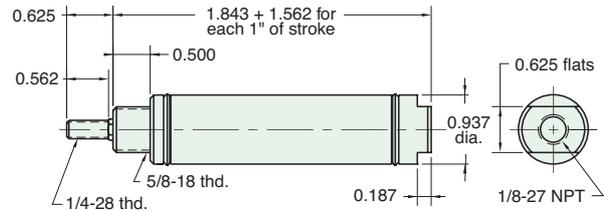
SSN-14-□-□

Single Acting



Mount: Stud **Standard Stroke Lengths:** 1/2", 1", 1-1/2", 2", 3", 4"
Type: Non-Rotating Rod **Spring Compressed:** 6 lbs. **Spring At Rest:** 3 lbs.
Options: M, H, V, S, N **Maximum Stroke:** 27"

Bumpers are standard
 For M option add 0.125
 For S option add 0.281



Nut included, but not shown on drawing

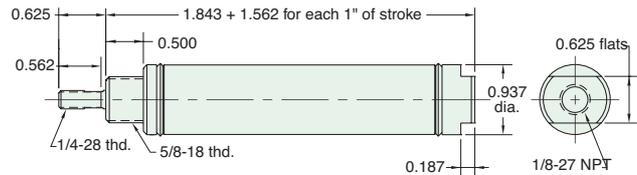
SSR-14-□-□

Single Acting



Mount: Stud **Standard Stroke Lengths:** 1/2", 1", 1-1/2", 2", 3", 4"
Type: Rotating Rod **Spring Compressed:** 6 lbs. **Spring At Rest:** 3 lbs.
Options: M, H, V, S, N, W **Maximum Stroke:** 27"

Bumpers are standard
 For M option add 0.125
 For S option add 0.281



Nut included, but not shown on drawing

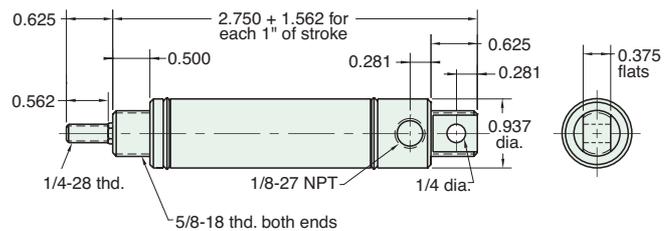
USN-14-□-□

Single Acting



Mount: Universal **Standard Stroke Lengths:** 1/2", 1", 1-1/2", 2", 3", 4"
Type: Non-Rotating Rod **Spring Compressed:** 6 lbs. **Spring At Rest:** 3 lbs.
Options: M, H, V, P6, N **Maximum Stroke:** 27"

Bumpers are standard
 For M option add 0.125



Furnished without nut(s). See Chart on Page 28.

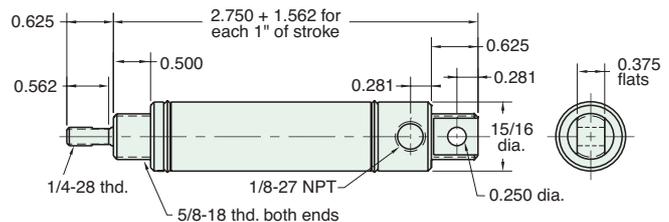
USR-14-□-□

Single Acting



Mount: Universal **Standard Stroke Lengths:** 1/2", 1", 1-1/2", 2", 3", 4"
Type: Rotating Rod **Spring Compressed:** 6 lbs. **Spring At Rest:** 3 lbs.
Options: M, H, V, W, P6, N **Maximum Stroke:** 27"

Bumpers are standard
 For M option add 0.125



Furnished without nut(s). See Chart on Page 28.



7/8" BORE STAINLESS STEEL CYLINDER

SDR-14-□-□

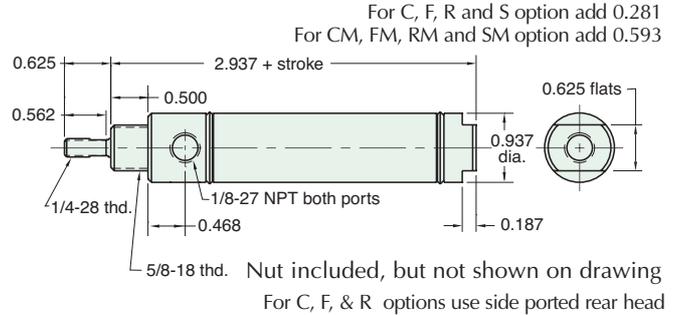
Double Acting



Mount: Stud
Type: Rotating Rod
Options: C, F, R, M, W, V, P6, P7, P8, S, N

Standard Stroke Lengths: 1/2", 1", 1-1/2", 2", 3", 4", 5", 6"
Maximum Stroke: 42"

Bumpers are standard
 For M option add 0.125



UDR-14-□-□

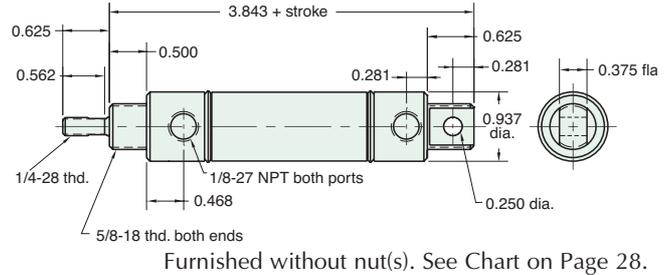
Double Acting



Mount: Universal
Type: Rotating Rod
Options: C, F, R, M, W, V, P2, P3, P4, P5, P6, P7, P8, N

Standard Stroke Lengths: 1/2", 1", 1-1/2", 2", 3", 4", 5", 6"
Maximum Stroke: 41"

Bumpers are standard
 For M option add 0.125
 For CM, FM and RM option add 0.312



SDD-14-□-□

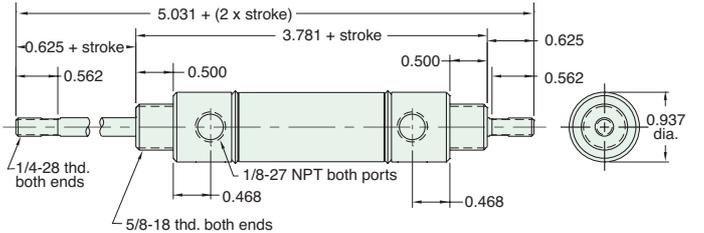
Double Acting



Mount: Stud
Type: Double Rod
Options: C, F, M, W, V, P6, P7, P8, N

Standard Stroke Lengths: 1", 2", 3", 4", 5", 6"
Maximum Stroke: 20"

Bumpers are standard
 For M option add 0.125
 For CM, FM and RM option add 0.312



SDH-14-□-□

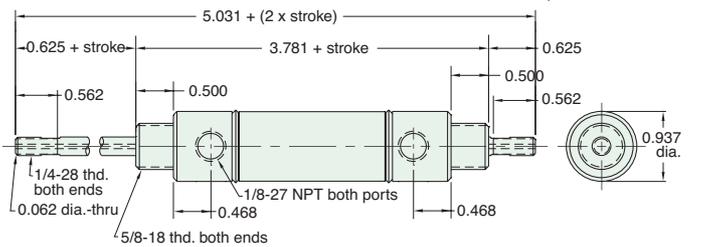
Double Acting



Mount: Stud
Type: Hollow Rod
Options: C, F, M, W, V, P6, P7, P8, N

Standard Stroke Lengths: 1", 2", 3", 4", 5", 6"
Maximum Stroke: 20"

Bumpers are standard
 For M option add 0.125
 For CM, FM and RM option add 0.312



7/8" BORE STAINLESS STEEL CYLINDER



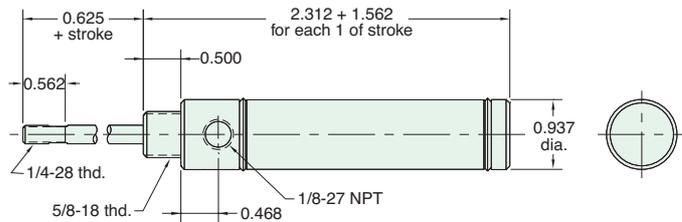
SRR-14-□-□

Reverse Acting

Mount: Stud
Type: Rotating Rod
Options: M, H, W, V, N

Standard Stroke Lengths: 1/2", 1", 1-1/2", 2", 3", 4"
Spring Compressed: 6 lbs. **Spring At Rest:** 3 lbs.
Maximum Stroke: 16"

Bumpers are standard
 For M option add 0.125



Nut included, but not shown on drawing

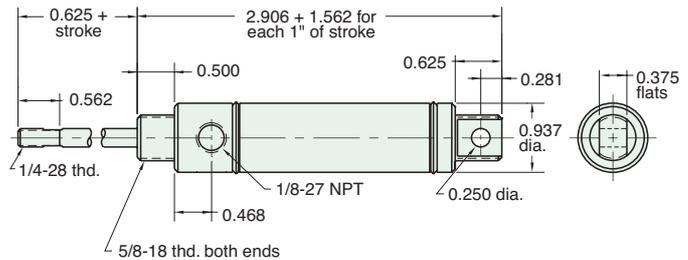
URR-14-□-□

Reverse Acting

Mount: Universal
Type: Rotating Rod
Options: M, H, W, V, P2, N

Standard Stroke Lengths: 1/2", 1", 1-1/2", 2", 3", 4"
Spring Compressed: 6 lbs. **Spring At Rest:** 3 lbs.
Maximum Stroke: 16"

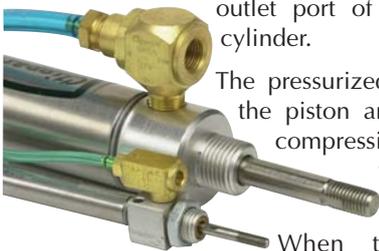
Bumpers are standard
 For M option add 0.125



Furnished without nut(s). See Chart on Page 28.

J-Series Exhaust Valve

In a typical application the exhaust valve is installed in the inlet of a spring return or double acting pneumatic cylinder. Supply air from a control valve is directed into the inlet port of the exhaust valve. The Buna-N poppet seals the exhaust port and allows air to flow from the outlet port of the valve into the cylinder.

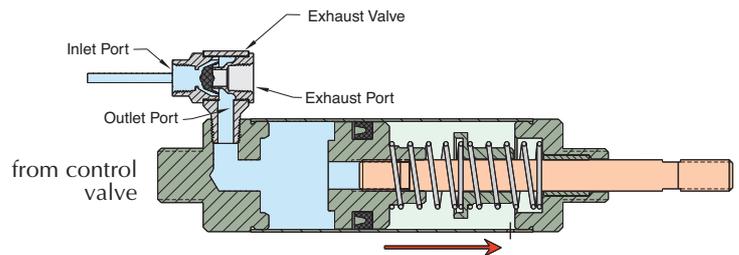


The pressurized air pushes against the piston and extends the rod, compressing the spring, until full rod extension is achieved.

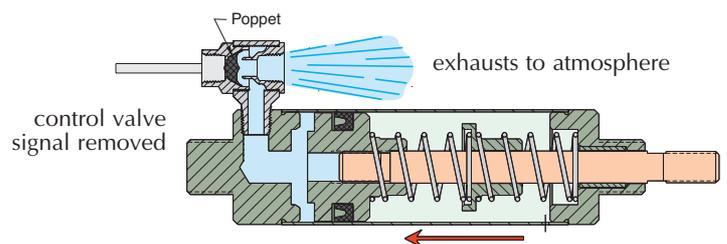
When the control valve exhausts air from the exhaust valve inlet port, the Buna-N poppet shifts to seal the inlet port and open the exhaust port to the cylinder. The pressurized air is allowed to exhaust directly through the exhaust valve to atmosphere.

Normally the air must travel back through the long air line to the control valve to exhaust. By mounting the exhaust valve directly on the cylinder, the piston retracts quickly since the distance to atmosphere is very short and unrestricted.

Cylinder Extends



Cylinder Retracts - Fast!



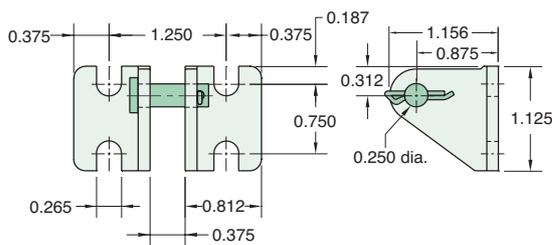


7/8" BORE ACCESSORIES



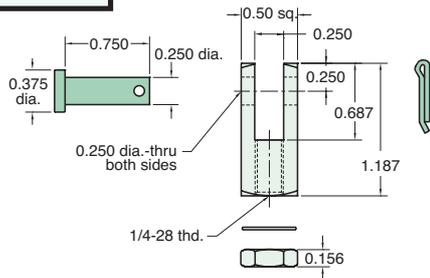
CB-1795

Clevis Bracket
Material: Steel, bright zinc plated



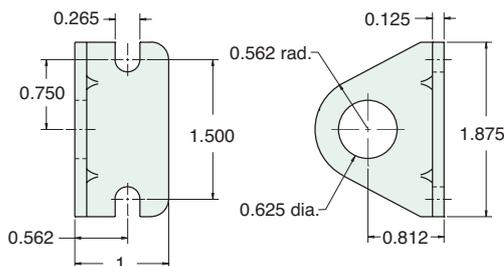
RC-1281

Rod Clevis
Material: Steel, electroless nickel plate



FB-1791

Foot Bracket
Material: Steel, bright zinc plated



MOUNTING NUTS

Stud Nut

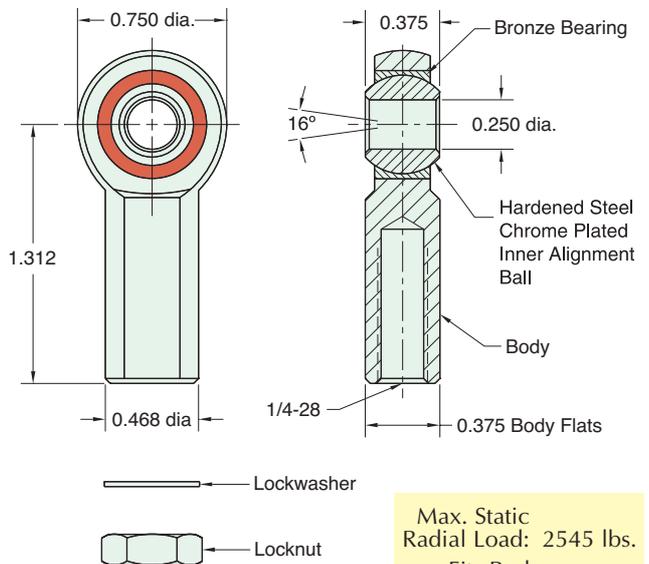
Part Number	Across Flats	Nut Thickness	Nut (Thread)
N10-18	15/16"	3/8"	5/8-18

Rod Nut

Part Number	Across Flats	Nut Thickness	Nut (Thread)
N04-28A	7/16"	5/32"	1/4-28
N04-28B	3/8"	1/8"	1/4-28

RE-1285

Rod End
Material: Steel, bright zinc plated body



Max. Static Radial Load: 2545 lbs.
Fits Rod Thread Size: 1/4-28