



F-Series All Stainless Steel Pneumatic Cylinders - 2 inch Bore

2 in. Bore, Double-acting, Front Nose Mount



Part no. F32030DN

NITRA pneumatic stainless steel round body, interchangeable, non-repairable cylinder, 2 inch bore, 1/4 inch female NPT ports, double acting, front nose mount.

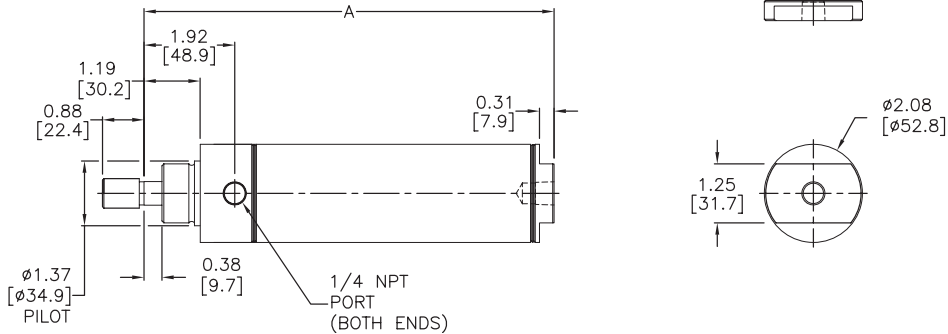
All Stainless Steel Cylinder 2 in. bore, double acting, front nose mount				
Part Number	Stroke Length (in.)	"A" (in.)	Weight (lbs)	Price
F32010DN	1.0	5.69	2.4	\$99.00
F32020DN	2.0	6.69	2.6	\$102.00
F32030DN	3.0	7.69	2.9	\$105.00
F32040DN	4.0	8.69	3.0	\$108.00
F32050DN	5.0	9.69	3.3	\$110.00
F32060DN	6.0	10.69	3.5	\$113.00

Specifications	
300 series stainless steel cylinder body	3.1 sq. in. piston area
300 series stainless steel end caps	Pre-lubricated for maintenance-free life
300 series stainless steel piston rod	Pressure rating 250 psi
Low friction Buna-N seals	Temperature range -20°F to 200°F (-28 to 93°C)
Extend force at 100 psi = 310.0 lb.	Retract force at 100 psi = 279.3 lb.

Mount Style	Bracket	Nut
Front Nose Mount	FMB-11	FN-114-12
Rear Pivot Mount	-	-
Double End Mount	Front	-
	Rear	-

Cylinder rod clevis FRC-12-20
See end of F-series section for Accessories

Dimensions inches [mm]





F-Series All Stainless Steel Pneumatic Cylinders - 2 inch Bore

2 in. Bore, Double-acting, Double End Mount



Part no. F32030DD

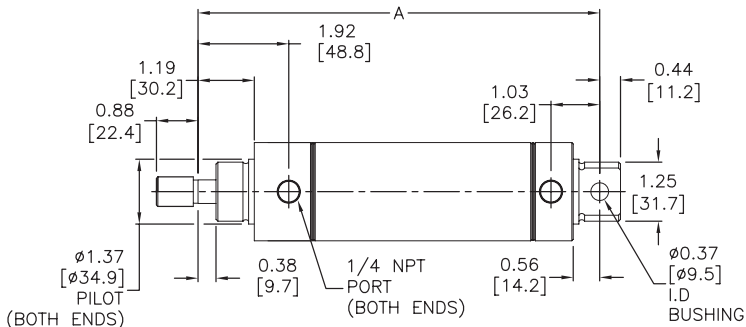
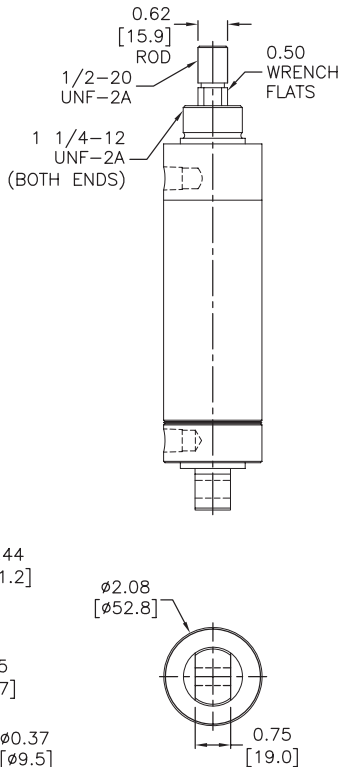
NITRA pneumatic stainless steel round body, interchangeable, non-repairable cylinder, 2 inch bore, 1/4 inch female NPT ports, double acting, double end mount.

All Stainless Steel Cylinder 2 in. bore, double acting, double end mount				
Part Number	Stroke Length (in.)	"A" (in.)	Weight (lbs)	Price
F32010DD	1.0	6.62	2.7	\$113.00
F32020DD	2.0	7.62	2.8	\$116.00
F32030DD	3.0	8.62	3.2	\$119.00
F32040DD	4.0	9.62	3.3	\$116.00
F32050DD	5.0	10.62	3.6	\$124.00
F32060DD	6.0	11.62	3.8	\$129.00
F32080DD	8.0	13.62	4.2	\$133.00
F32100DD	10.0	15.62	4.6	\$140.00
F32120DD	12.0	17.62	5.1	\$145.00
F32140DD	14.0	19.62	5.6	\$143.00
F32160DD	16.0	21.62	6.0	\$157.00
F32180DD	18.0	23.62	6.5	\$163.00

Specifications	
300 series stainless steel cylinder body	3.1 sq. in. piston area
300 series stainless steel end caps	Pre-lubricated for maintenance-free life
300 series stainless steel piston rod	Pressure rating 250 psi
Low friction Buna-N seals	Temperature range -20°F to 200°F (-28 to 93°C)
Extend force at 100 psi = 310.0 lb.	Retract force at 100 psi = 279.3 lb.

Mount Style	Bracket	Nut
Front Nose Mount	FMB-11	FN-114-12
Rear Pivot Mount	FPBP-4	-
Double End Mount	Front	FMB-11
	Rear	FMB-11

Cylinder rod clevis FRC-12-20
See end of F-series section for Accessories





F-Series All Stainless Steel Pneumatic Cylinders - 2 inch Bore

2 in. Bore, Double-acting, Double End Mount, Magnetic Piston



NITRA pneumatic stainless steel round body, interchangeable, non-repairable cylinder, 2 inch bore, 1/4 inch female NPT ports, double acting, double end mount, magnetic piston.

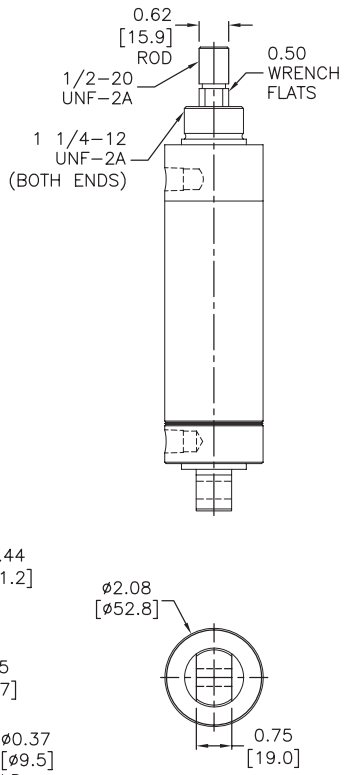
Part no. F32030DD-M

All Stainless Steel Cylinder 2 in. bore, double acting, double end mount, magnetic piston				
Part Number	Stroke Length (in.)	"A" (in.)	Weight (lbs)	Price
F32010DD-M	1.0	6.62	2.7	\$129.00
F32020DD-M	2.0	7.62	2.8	\$132.00
F32030DD-M	3.0	8.62	3.2	\$134.00
F32040DD-M	4.0	9.62	3.3	\$138.00
F32050DD-M	5.0	10.62	3.6	\$141.00
F32060DD-M	6.0	11.62	3.8	\$143.00
F32080DD-M	8.0	13.62	4.2	\$149.00
F32100DD-M	10.0	15.62	4.6	\$156.00
F32120DD-M	12.0	17.62	5.0	\$161.00
F32140DD-M	14.0	19.62	5.6	\$166.00
F32160DD-M	16.0	21.62	6.0	\$172.00
F32180DD-M	18.0	23.62	6.5	\$169.00

Specifications	
300 series stainless steel cylinder body	3.10 sq. in. piston area
300 series stainless steel end caps	Pre-lubricated for maintenance-free life
300 series stainless steel piston rod	Pressure rating 250 psi
Low friction Buna-N seals	Temperature range -20°F to 185°F (-28 to 85°C)
Extend force at 100 psi = 310 lb.	Retract force at 100 psi = 279.3 lb.

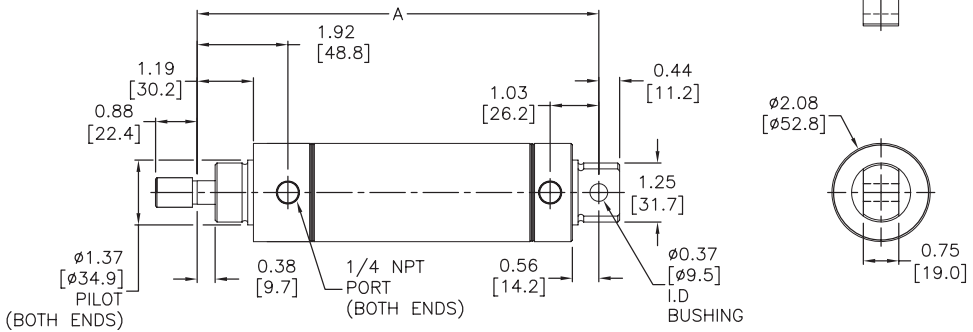
Mount Style	Bracket	Nut
Front Nose Mount	FMB-11	FN-114-12
Rear Pivot Mount	FPBP-4	-
Double End Mount	Front	FMB-11
	Rear	FMB-11

Cylinder rod clevis FRC-12-20
See end of F-series section for Accessories



Dimensions

inches [mm]





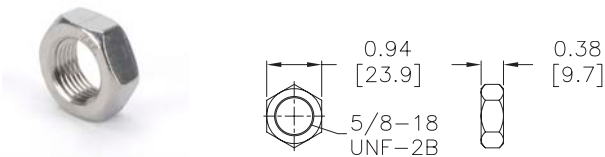
F-Series All Stainless Steel Pneumatic Cylinder Accessories

F-Series All Stainless Steel Pneumatic Cylinder Accessories				
Part Number	Description	Pcs/Pkg	Wt (lb)	Price
FN-58-18	Cylinder mounting nut with 5/8-18 UNF-2B threads, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$2.50
FN-34-16	Cylinder mounting nut with 3/4-16 UNF-2B threads, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.1	\$3.25
FN-114-12	Cylinder mounting nut with 1-1/4-12 UNF-2B threads, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.3	\$7.75
FMB-6	Cylinder mounting bracket, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$7.25
FMB-7	Cylinder mounting bracket, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$21.00
FMB-11	Cylinder mounting bracket, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.5	\$31.00
FPBP-2	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$19.50
FPBP-3	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$24.00
FPBP-4	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.3	\$30.00
FRC-14-28	Cylinder rod clevis and hex nut, stainless steel, 1/4-28 thread, for use with 3/4 inch bore NITRA F-series round body air cylinders	1	0.1	\$24.50
FRC-516-24	Cylinder rod clevis and hex nut, stainless steel, 5/16-24 thread, for use with 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$28.50
FRC-716-20	Cylinder rod clevis and hex nut, stainless steel, 7/16-20 thread, for use with 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$35.00
FRC-12-20	Cylinder rod clevis and hex nut, stainless steel, 1/2-20 thread, for use with 2 inch bore NITRA F-series round body air cylinders	1	0.2	\$41.50

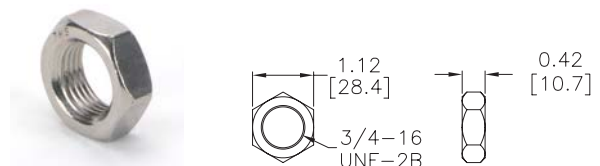
Dimensions

inches [mm]

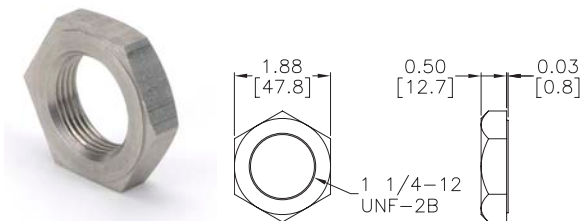
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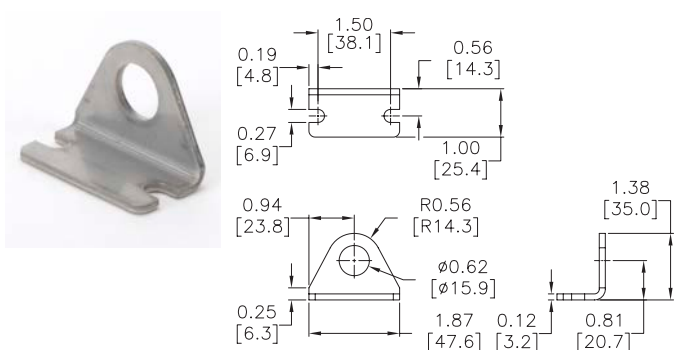
FN-34-16



FN-114-12



FMB-6



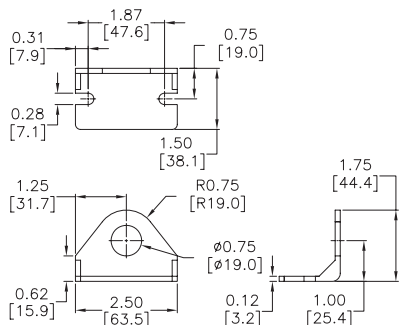


F-Series All Stainless Steel Pneumatic Cylinder Accessories

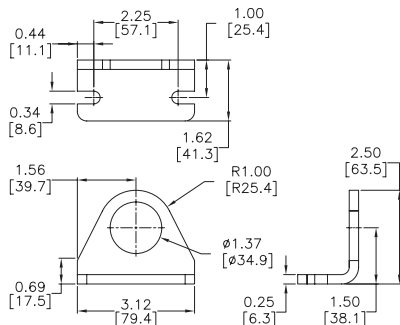
Dimensions

inches [mm]

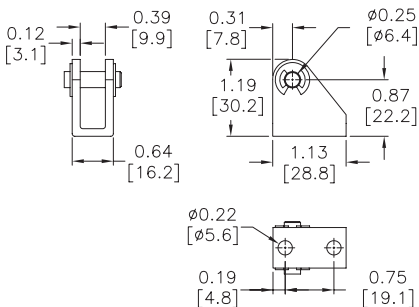
FMB-7



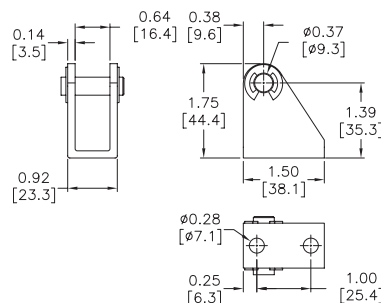
FMB-11



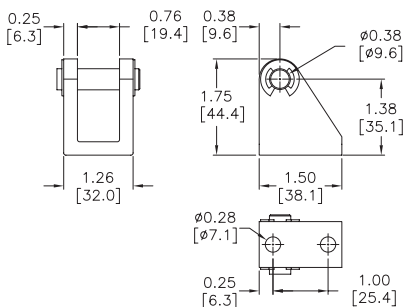
FPBP-2



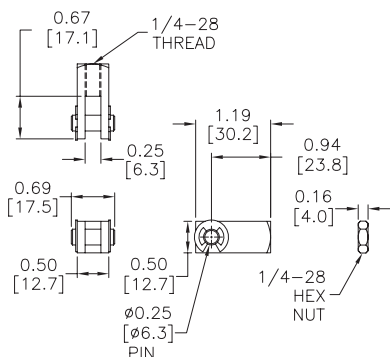
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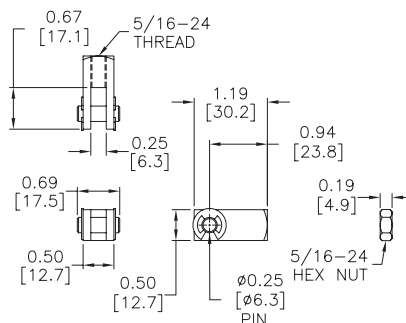
FPBP-4



FRC-14-28



FRC-516-24



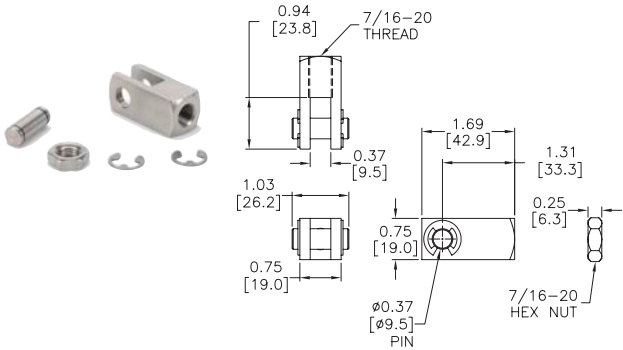


F-Series All Stainless Steel Pneumatic Cylinder Accessories

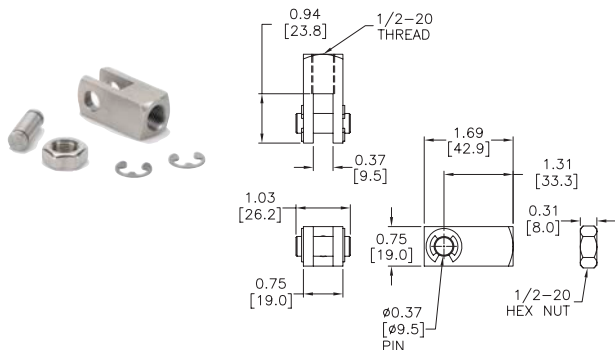
Dimensions

inches [mm]

FRC-716-20




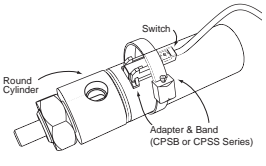
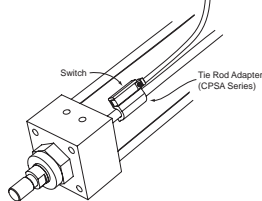

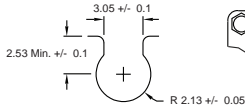
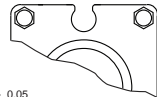

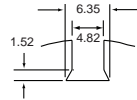


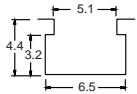
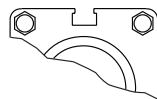

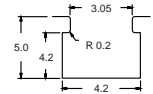
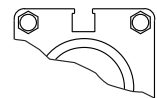

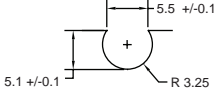


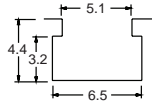
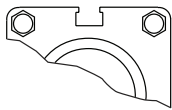
FRC-12-20





CPS Series Cylinder Position Switches

Position Switch Cross Reference Chart

NITRA Switch Type	Cylinder Brand (may fit some of these cylinders)	Photo Example	Groove Illustration	
<p>CPS CPSF</p>	<p>NITRA A-Series, D-Series, F-Series</p>			
<p>CPS9C</p>	<p>DE-STA-CO Robohand SMC Compact Air</p>			
<p>CPS9D</p>	<p>Fabco Numatics Rotomation</p>			
<p>CPS9F</p>	<p>NITRA G-Series Fabco Festo Numatics Rotomation</p>			
<p>CPS9H</p>	<p>NITRA E-Series NITRA H-Series</p>			
<p>CPS9M</p>	<p>Norgren</p>			
<p>CPS9Q</p>	<p>NITRA G-Series Parker</p>			
<p>CPS9T</p>	<p>SMC</p>	