

Standard Cylinders Ordering Information

↑	↑	↑	↑	↑	↑	Type
S						Spring Return
D						Double Acting
						Size
	04					4 Square Inches
	06					6 Square Inches
	09					9 Square Inches
	12					12 Square Inches
	16					16 Square Inches
	24					24 Square Inches
	30					30 Square Inches
	36					36 Square Inches
						Series
		E				Determines Stroke
		F				Make a selection from Operating Data Table on pg. 47
						Rod
			BP			Bellofram Product Standard
			SM			National Fluid Power Assoc. Standard
						Make a selection from dimensional data tables on pgs. 51-54
						Mounting
				N		Nose Mount
				UM		Universal Mount
				FM		Foot Mount
				CFM		Cap Flange Mount
				HFM		Head Flange Mount
				CBM		Clevis Bracket Mount
				CBS		Clevis Bracket Stud
						Standard Options
					NS	No Spring
					NB	No Bearing
					NBS	No Bearing or Spring
						No Standard Option Requested

Example: D-12-F-BP-CBM is a Double Acting, 12 sq. in., 3.1" Stroke, BP Rod End Cylinder with Clevis Bracket Mount.

Super Cylinders Ordering Information

SS	↑	↑	↑	↑	↑	Type
SS						Super Cylinders
						Size
		04				4 Square Inches
		06				6 Square Inches
		09				9 Square Inches
		12				12 Square Inches
		16				16 Square Inches
		24				24 Square Inches
		30				30 Square Inches
		36				36 Square Inches
						Series
			F			Determines Stroke
						Rod
				BP		Bellofram Product Standard
				SM		National Fluid Power Assoc. Standard
						Make a selection from dimensional data table on pgs. 51-54
						Mounting
					UM	Universal Mount
					FM	Foot Mount
					CFM	Cap Flange Mount
					HFM	Head Flange Mount
					CBM	Clevis Bracket Mount
					CBS	Clevis Bracket Stud
						Standard Options
					NS	No Spring
						No Standard Option Requested

Example: SS-12-F-SM-HFM is a Single Acting Super Cylinder, 12 sq. in., 3.6" stroke, SM Rod End Cylinder with a Head Flange Mount.

Repair Kits

Repair Kits are available to permit user in-plant maintenance without delay and expense of returning parts to the factory. Each kit includes installation instructions. Nameplate data of the cylinder must accompany order to insure receipt of correct parts.

The following is included in the repair kits:

Spring Return Diaphragm Kit

1. Diaphragm, Cap
2. Adhesive, Cap
3. Nuts, Cap Retainer
4. Instructions

Spring Return Bearing Kit

1. Inner Bearing
2. Outer Bearing
3. Rod Wiper
4. Instructions

Double Acting Diaphragm Kit

1. Diaphragm, Cap
2. Diaphragm, Head
3. Adhesive, Cap
4. Adhesive, Head
5. Rivets, Blind (or Screws)
6. Nuts, Cap Retainer
7. Seal "O" Ring
8. Instructions

Double Acting Bearing Kit

1. Inner Bearing
2. Outer Bearing
3. Rod Wiper
4. U-Cup Seal
5. Instructions

Breather Vents

Breather vents are available for use on Bellofram Spring Return Air Cylinders.

The Breather, which contains a 40 micron bronze filter, is simply threaded into the air relief port of the cylinder head. It prevents foreign matter from being drawn into the cylinder on the return stroke of the piston, and also acts as a snubber. The snubbing reduces the piston speed and impact at the end of the stroke in both directions.

Breather Vents Ordering Data

Breather Vent for 1/4" Pipe Tap
(Fits cylinder sizes 4, 6, 9)
Part No. 661-000-001

Breather Vent for 3/8" Pipe Tap
(Fits cylinder sizes 12, 16, 24, 30, 36)
Part No. 661-000-002