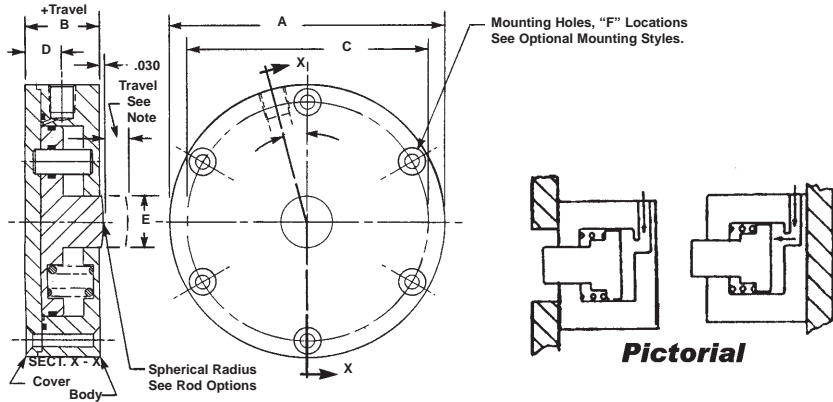


# SHORT STROKE PNEUMATIC CYLINDERS - LO-PROFILE® SERIES B-SP-FM

Single Acting-Spring Retracting-Single Ended Pistons-Side Ported-Either Face Mounted

Port Is 1/8NPTF. See Port Options.



**SPECIFICATIONS:**  
 SERVICE, PLANT AIR  
 M.O.P., 150 PSI  
 TEMPERATURE, -40°F to +250°F  
**MATERIALS:**  
 BODY & COVER, ALUMINUM ALLOY  
 PISTON, ALUMINUM ALLOY  
 SPRINGS, MUSIC WIRE  
 SEALS, BUNA "N" O RINGS  
 FASTENERS, ALLOY STEEL

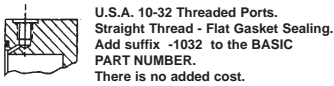
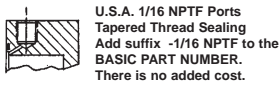
**NOTES:**  
 Dimensions are nominal in U.S. CUSTOMARY specifications.

**METRIC CYLINDERS** are dimensionally equivalent with clearance holes, counterbores, threads & fasteners to metric specifications. See inside back cover for fastener conversion table. There is no added cost for METRIC CYLINDERS.

An air/oil mist unit is recommended for internal lubrication. Where such units are not practical, SERVICE KITS including seals & factory approved lube are available.

BASIC PART No.	O.D. A	BASIC BODY LENGTH B	B.C. C	OFFSET D	ROD DIA E	F	DEG. G	THD. H	WR. FLATS J	DEPTH K	REAM L	WIDTH M	OFFSET N	LENGTH P	WIDTH Q	LENGTH R	WIDTH S	PISTON DIA. (IN)	PISTON AREA (SQ. IN)
626(-)	3.000	0.681	2.500	0.485	0.625	5	18	5/16-24	0.500	0.610	0.188	0.188	0.281	0.690	0.250	0.581	0.110	1.800	2.545
6265(-)	3.500	0.775	3.000	0.551	0.750	6	15	3/8-24	0.563	0.813	0.250	0.250	0.375	0.893	0.375	0.675	0.149	2.300	4.155
627(-)	4.000	0.775	3.500	0.551	0.750	6	15	3/8-24	0.563	0.813	0.250	0.250	0.375	0.893	0.375	0.675	0.149	2.800	6.158
6275(-)	4.500	0.900	4.000	0.625	0.750	8	11-1/4	3/8-24	0.563	0.813	0.250	0.250	0.375	0.893	0.375	0.800	0.172	3.300	8.553
628(-)	5.000	0.900	4.500	0.625	0.750	8	11-1/4	3/8-24	0.563	0.813	0.250	0.250	0.375	0.893	0.375	0.800	0.172	3.800	11.341
6285(-)	5.500	0.900	5.000	0.625	1.000	8	11-1/4	1/2-20	0.750	1.016	0.313	0.313	0.469	1.096	0.500	0.800	0.172	4.300	14.522
629(-)	6.000	0.900	5.500	0.625	1.000	8	11-1/4	1/2-20	0.750	1.016	0.313	0.313	0.469	1.096	0.500	0.800	0.172	4.800	18.096

### OPTIONAL PORTS



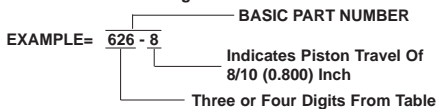
### INTERNATIONAL PORTS

The following International Ports are available with minor modification to the product. Please consult the factory.

- U.S.A., S.A.E. -4
- British, 1/8 - 28 BSPT
- British, 1/8 - 28 BSPP
- Metric, M10x1, ISO 6149

### HOW TO ORDER BASIC CYLINDERS

A BASIC PART NUMBER consists of a three or four digit number followed by a dash number to indicate piston travel in increments of 1/10 (0.100) Inch. Travel to -10 (1.000) inches is standard. Please consult the FACTORY for longer travel.



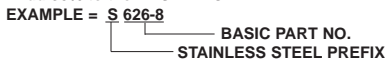
### HOW TO ORDER CYLINDERS WITH OPTIONS

Add options to the BASIC PART NO. as suffixes in any order.



### HOW TO ORDER CYLINDERS WITH STAINLESS STEEL PISTONS.

Add the letter -S as a prefix to the BASIC PART NO. Add 30% to the BASE PRICE.

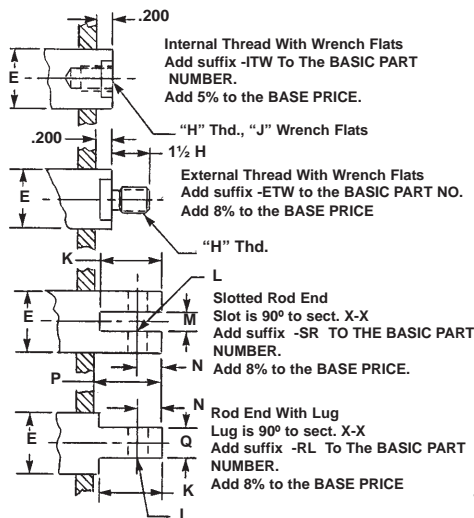


### HOW TO ORDER ALL STAINLESS STEEL CYLINDERS

Add the letter -SS as a prefix to the BASIC PART NO. Add 50% to the BASE PRICE.



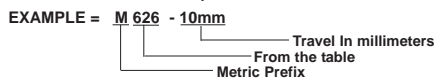
### OPTIONAL ROD ENDS



Spring Force for BASIC CYLINDERS is sufficient to fully retract pistons. Higher spring force may be required for retracting loads attached to rod ends. Please consult the FACTORY.

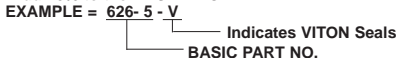
### HOW TO ORDER METRIC CYLINDERS

A BASIC PART NO. FOR METRIC CYLINDERS consists of a three or four digit number from the table with a prefix "M" and a suffix to indicate travel in millimeters. See inside rear cover for piston travel conversion.

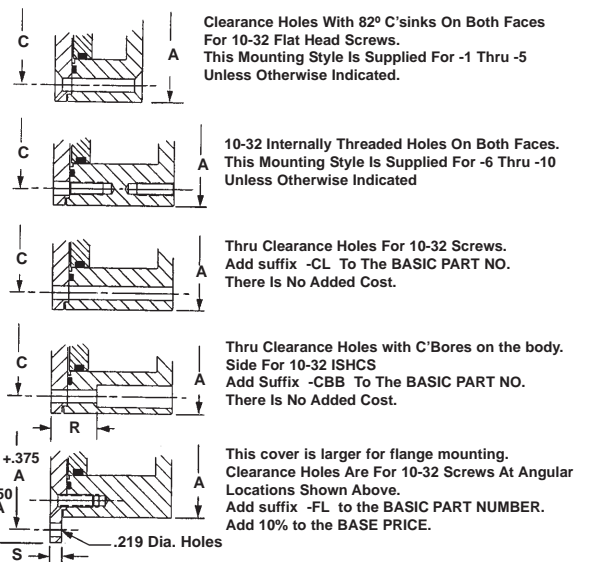


### HOW TO ORDER CYLINDERS WITH VITON SEALS

Add suffix -V to the BASIC PART NO. Add 10% to the BASE PRICE



### OPTIONAL MOUNTING STYLES



### HOW TO ORDER BUNA "N" SERVICE KITS

Specify the BASIC PART NO. followed by suffix -SK.



### HOW TO ORDER VITON SERVICE KITS

Specify the BASIC PART NO. followed by the suffix -VSK

