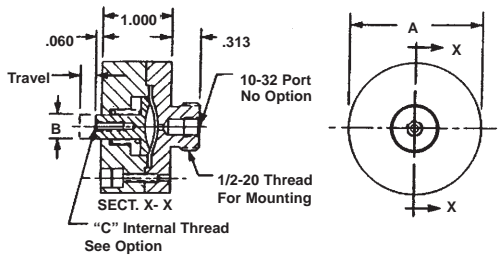
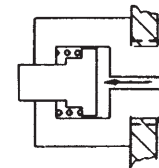
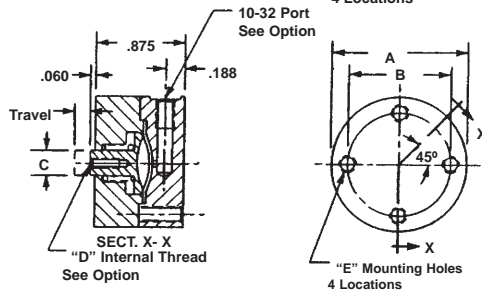
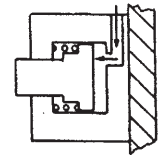
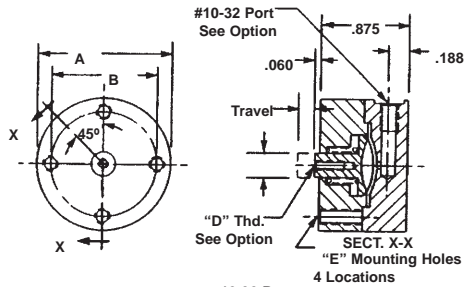
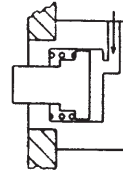
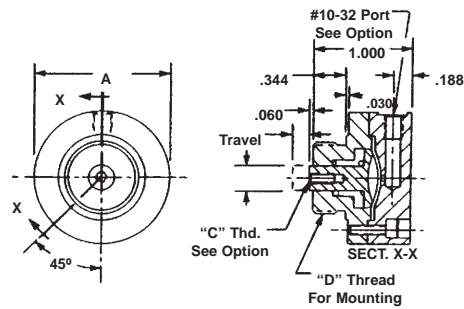
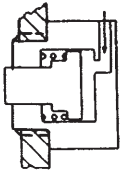


SHORT STROKE PNEUMATIC CYLINDERS - LO-Profile® SERIES SUB-MINIATURE

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

Pictorials:



BASIC PART No.	TRAVEL	O.D. A	ROD DIA. B	ROD THD. C	THD. D	NOM. FORCE @80 PSI (LB.)
S1915-(-)(-)	0.100					
S1916-(-)(-)	0.050	1.375	0.250	4-40	3/4-16	11
S1917-(-)(-)	0.100					
S1918-(-)(-)	0.050	1.125	0.250	4-40	5/8-16	7
S1919-(-)(-)	0.100					
S1920-(-)(-)	0.050	1.000	0.188	2-56	1/2-20	3
S1921-(-)(-)	0.100					
S1922-(-)(-)	0.050	0.813	0.188	2-56	7/16-20	2
S1923-(-)(-)	0.100					
S1924-(-)(-)	0.050	0.688	0.125	2-56	3/8-24	1

The First Bracket Identifies Port Locations.
The Second Bracket Identifies Rod Styles.

BASIC PART No.	TRAVEL	O.D. A	B.C B	ROD DIA. C	ROD THD. D	MNTG THD. E	NOM. FORCE @80 PSI (LB.)
S1925-(-)(-)	0.100						
S1926-(-)(-)	0.050	1.375	1.062	0.250	4-40	4-40	11
S1927-(-)(-)	0.100						
S1928-(-)(-)	0.050	1.125	0.890	0.250	4-40	2-56	7
S1929-(-)(-)	0.100						
S1930-(-)(-)	0.050	1.000	0.762	0.188	2-56	2-56	3
S1931-(-)(-)	0.100						
S1932-(-)(-)	0.050	0.813	0.620	0.188	2-56	2-56	2
S1933-(-)(-)	0.100						
S1934-(-)(-)	0.050	0.688	0.488	0.125	2-56	2-56	1

The First Bracket Identifies Port Locations.
The Second Bracket Identifies Rod Styles.

BASIC PART No.	TRAVEL	O.D. A	B.C B	ROD DIA. C	ROD THD. D	MNTG THD. E	NOM. FORCE @80 PSI (LB.)
S1935-(-)(-)	0.100						
S1936-(-)(-)	0.050	1.375	1.062	0.250	4-40	4-40	11
S1937-(-)(-)	0.100						
S1938-(-)(-)	0.050	1.125	0.890	0.250	4-40	2-56	7
S1939-(-)(-)	0.100						
S1940-(-)(-)	0.050	1.000	0.762	0.188	2-56	2-56	3
S1941-(-)(-)	0.100						
S1942-(-)(-)	0.050	0.813	0.620	0.188	2-56	2-56	2
S1943-(-)(-)	0.100						
S1944-(-)(-)	0.050	0.688	0.488	0.125	2-56	2-56	1

The First Bracket Identifies Port Locations.
The Second Bracket Identifies Rod Styles.

BASIC PART No.	TRAVEL	O.D. A	ROD DIA. B	ROD THD. C	NOM. FORCE @80 PSI (LB.)
S1945-AP(-)	0.100				
S1946-AP(-)	0.050	1.375	0.250	4-40	11
S1947-AP(-)	0.100				
S1948-AP(-)	0.050	1.125	0.250	4-40	7
S1949-AP(-)	0.100				
S1950-AP(-)	0.050	1.000	0.188	2-56	3
S1951-AP(-)	0.100				
S1952-AP(-)	0.050	0.813	0.188	2-56	2
S1953-AP(-)	0.100				
S1954-AP(-)	0.050	0.688	0.125	2-56	1

Available only with end port configuration.
The Second Bracket Identifies Rod Styles.

SPECIFICATIONS:

Ports Are Threaded for 10-32 Fittings.
Maximum Operating Pressure is 150 PSI.
Maximum Operating Temperature is 200°F.

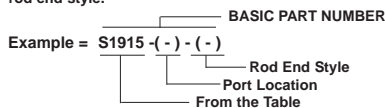
MATERIALS:

- BODY & COVER, ALUMINUM ALLOY
- PISTON, Stainless Steel
- SPRINGS, Music Wire or Stainless Steel
- DIAPHRAGM, Neoprene or Urethane
- FASTENERS, Alloy Steel

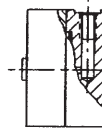
Spring force for BASIC CYLINDERS is sufficient to fully retract pistons. Higher spring force may be required for retracting loads attached to rod ends. Please consult the FACTORY.

HOW TO ORDER BASIC UNITS

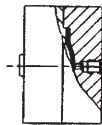
A BASIC PART NUMBER consists of a letter and four digits from the table followed by two brackets. The first bracket identifies port location and the second identifies rod end style.



PORT OPTIONS

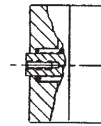


Side Port Location.
Add suffix -SP to the BASIC PART NUMBER in the first bracket.
There is no added cost.

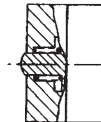


End Port Location.
Add suffix -AP to the BASIC PART NUMBER in the first bracket.
There is no added cost.

ROD END OPTIONS



Internally Threaded Piston Rod.
Add suffix -IT to the BASIC PART NUMBER in the second bracket.
There is no added cost.



Piston Rod with a Spherical Radius.
Add suffix -SPH to the BASIC PART NUMBER in the second bracket.
There is no added cost.

HOW TO ORDER SERVICE KITS

Specify the letter and four digits from the table followed by the suffix -SK

