



The cylinder valve has four key features:

**Valve Actuation Connection:** A threaded connection located on top of the cylinder valve serves as the attachment point for the electric (primary) or pneumatic (slave) valve actuator.

**Pressure Gauge:** A pressure gauge is affixed to the cylinder valve exterior as shown on the cylinder valve assembly diagram.

**Low-Pressure Supervisory Switch:** A low-pressure supervisory switch is mounted to the cylinder valve as shown on the cylinder valve assembly diagram.

**Rupture Disc:** A frangible rupture disc is fitted to the cylinder valve body. It functions as an emergency relief device in the event of excessive pressure within the cylinder. Its rupture point is between 850 psi (58.6 bar) and 1000 psi (68.9 bar).

The cylinder valve has two outlets:

**Discharge Outlet:** A 1 1/4 in (32 mm) FNPT connection serves as the connection point for discharge piping.

**Pilot Actuation Port:** A 3/8 in (10 mm) FNPT connection (shipped with a removable plug) provides a means of applying actuation pressure to the slave cylinder(s) or, in a single cylinder system, the discharge pressure switch. The port is pressurized only during the 10 second discharge period.

## CYLINDER MOUNTING



### Wall Mount Cylinder Bracket Assembly (P/N 18595)

Cylinder stability is ensured by the cylinder bracket assembly, consisting of one strap and rail with accompanying bolts, nuts, and washers. The rail is slotted for ease of mounting with fasteners provided by the installer.

	Cylinder Dimensions					
	40 lb		80 lb		130 lb	
	in	mm	in	mm	in	mm
H1	29.70	754	42.59	1082	58.95	1497
H2	19.93	506	32.67	830	49.10	1247
H3	13.63	346	15.75	400	30.75	781
D1	10.0	254	10.0	254	10.0	254
D2	11.9	302	11.9	302	11.9	302