

High-Flow VANGUARD Manual Lockout Valves

V40 Models Port Sizes: 1-1/2 to 2



Model Shown: V40-12N16

SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 80°C).

Fluid Media:

Compressed air. (5 micron recommended)

Inlet Pressure:

15 to 300 psig (1 to 20 bar).

Lock hole diameter:

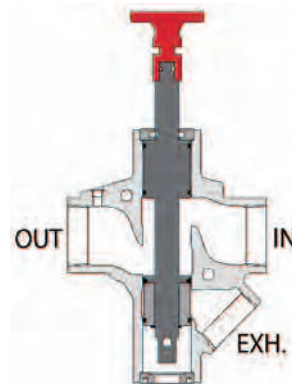
0.38 inch (9.6 mm).

Length of hole:

0.75 inch (19.1 mm).

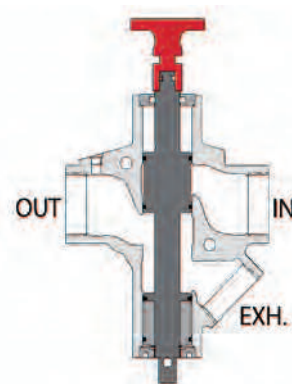
- ◆ Easily identified by unique shape
- ◆ Lockable only in the **OFF** position
- ◆ Large exhaust port for rapid release of pressure.
- ◆ Special Teflon seals help to ensure "shift-ability" even after long periods of non-use.
- ◆ Positive action (2 positions only).
- ◆ Simple push/pull of the large red handle provides direct manual operations.
- ◆ Pressure sensing port allows installation of either the popup indicator or pressure switch to verify pressure downstream to the next obstruction is released.
- ◆ NPTF port threads; optional **BSPP** threads.

VALVE OPERATION



VALVE OPEN

When the red handle is pulled out, supply air flows freely from inlet to outlet and flow to exhaust is blocked. A detent keeps the handle in the open position. The handle is not designed to be locked in this position, thereby providing for ready shut-off when necessary.



VALVE CLOSED

With a short push of the red handle inward, the flow of supply air is blocked and downstream air is exhausted via the exhaust port while servicing or maintaining machinery. Padlock the valve in this position to prevent the handle from being pulled outward inadvertently to avoid potential for human injury while servicing machinery.

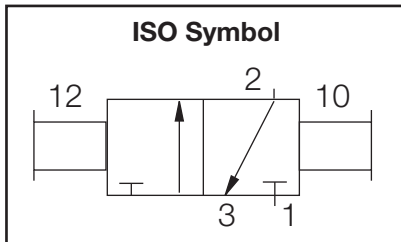
DIMENSIONS inches (mm)

VALVE IN A CLOSED POSITION

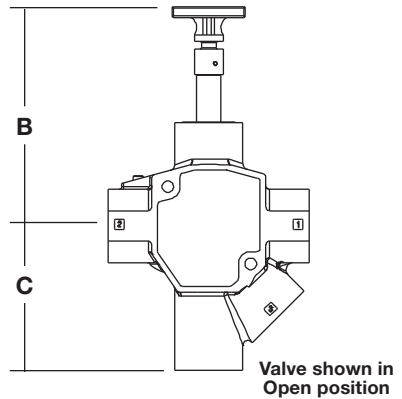
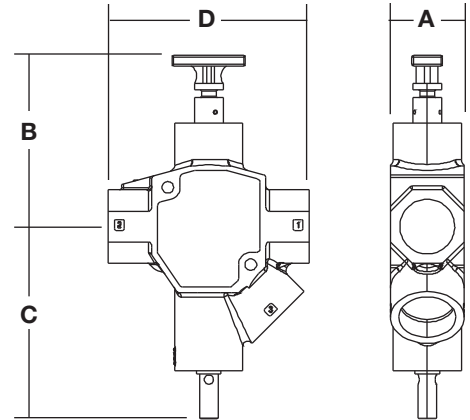
Port Sizes In-Out	Average C _v		A	B	C	D	Weight lb (kg)
1-1/2	In-out	Out-Exh	3.00	6.98	7.84	8.2	8.2
2	38	47	(76.21)	(177.3)	(199.1)	(209)	(3.57)

VALVE IN A OPENED POSITION

Port Sizes In-Out	Average C _v		A	B	C	D	Weight lb (kg)
1-1/2	In-out	Out-Exh	3.00	8.93	5.89	8.2	8.2
2	38	47	(76.21)	(226.8)	(149.6)	(209)	(3.57)



Valve shown in closed position



ORDERING INFORMATION

Select the port sizes in the sample model number below to specify the valve you want.

V40- 12 N16 W

INLET/OUTLET PORTS

1-1/2 NPTF 12

2 NPTF 16

PORT TYPE

NPTF threads Leave Blank

BSPP threads W