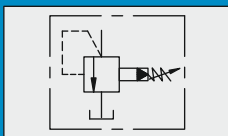


PILOT OPERATED RELIEF VALVES (GASKET CONNECTION)



SERIES - PCV16

Basic Characteristics

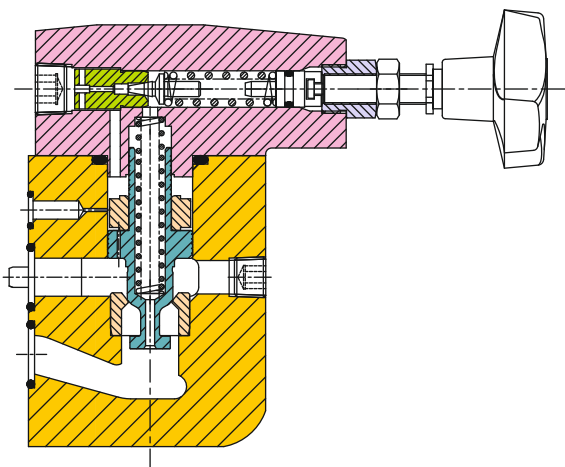
Operating Pressure (maximum) - 250 bar (3500 psi)

Rated Capacity (maximum) -
PCV16-03 – 100 L/min.

Mounting Subplate- VC20181

Approx. Weights

PCV 16- 03 = 4.7 kg.



General Description

- This valve protects the hydraulic system from excessive pressure and cannot be used to maintain constant pressure in a hydraulic system. Remote Control and unloading are permitted by vent circuit.

-To adjust the pressure, loosen the lock nut and turn the knob slowly clockwise for higher pressures or anti-clockwise for lower pressures. One revolution of the knob makes about a 750 psi pressure change. After adjustments tighten the lock nut.

-Pressure is adjusted by c-clips , if working pressure can be set, remove some c-clips to achieve the required pressure. One c-clip is equivalent to 1500 psi

-The piping of the tank line should not be connected to any line of the other valves, but connected directly to the tank.

Filtration

For the satisfactory service life of these components in industrial application, use full flow filtration to provide fluid which meets ISO cleanliness code 18 / 15 or cleaner.

ORDERING INFORMATION

PCV 16 - 03 - G - P - * - *

1 2 3 4 5 6 7

1. Model Code - PCV

2. Model Series - 16

3. Nominal Valve Size -
• 03 – 3/8" pipe

4. Connections Type -
G = Gasket Connection

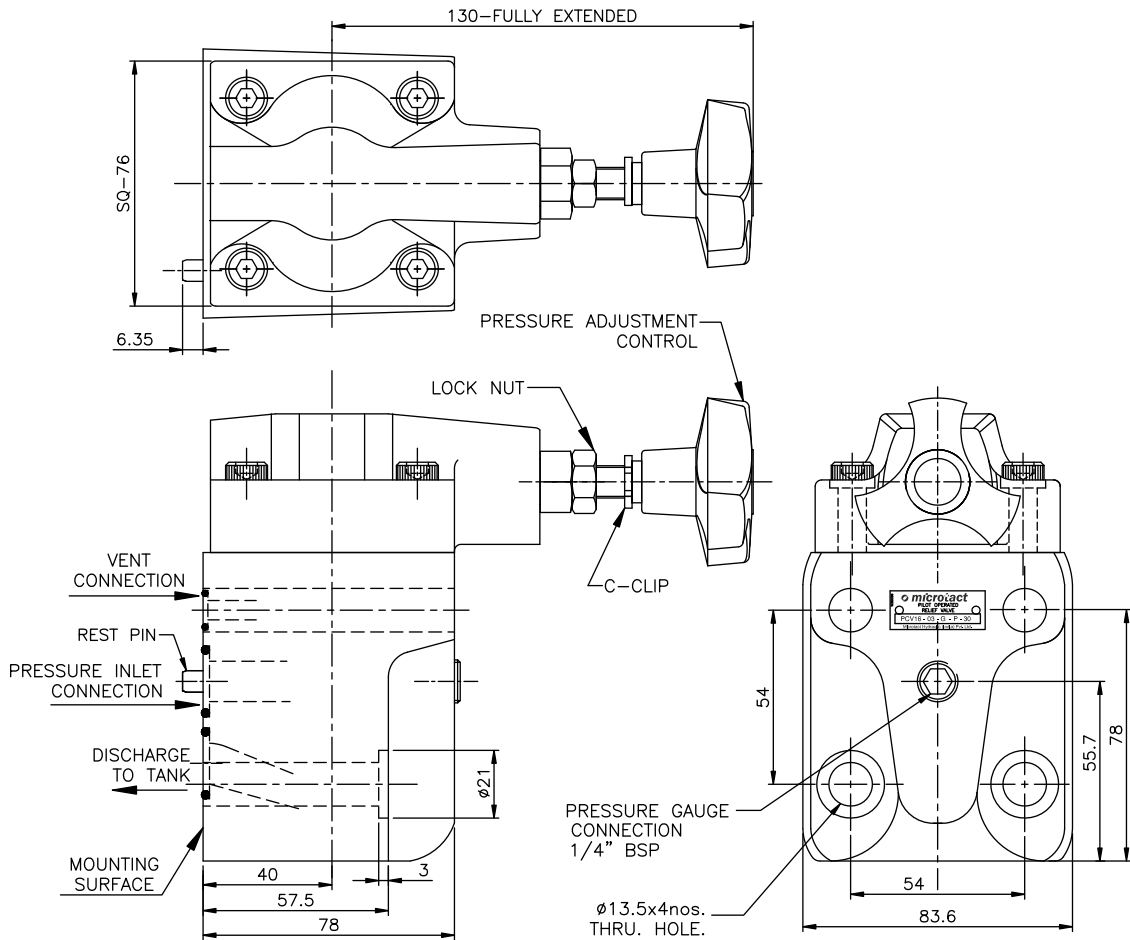
5. Plunger Type -
P = Pull Type

6. High Vent Spring -
V = Optional High Vent Spring Installed
Omit if not required

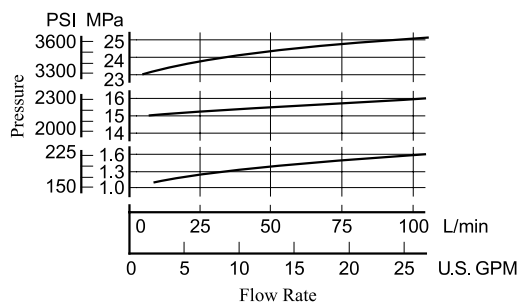
7. Design No – 30 (Subject to change)

Typical Model Code :- **PCV16-03-G-P-30**

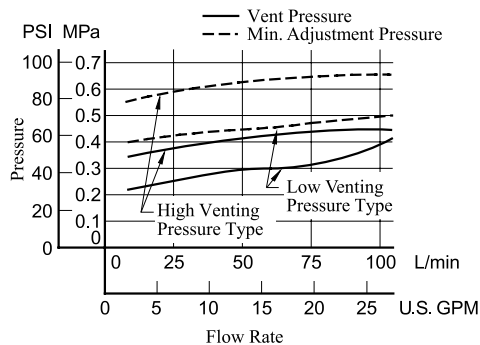
ALL DIMENSIOND ARE IN mm.



Nominal Override Characteristics



Min. Adj. Pressure & Vent Pressure vs. Flow



*Refer minimum adjustment pressure & vent pressure on a graph

