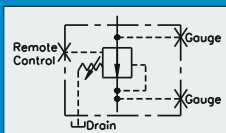
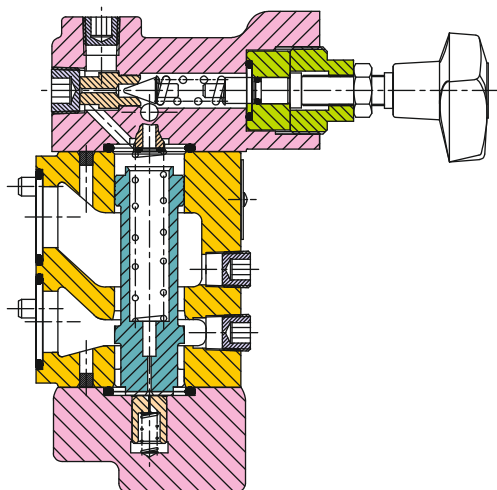


PRESSURE REDUCING VALVES (GASKET CONNECTION)



SERIES - PCV8



Basic Characteristics

Operating Pressure (maximum) - 210 bar (3000 psi)

Rated Capacity (maximum) - **PCV8-06** = 75 L/min.
PCV8-10 = 189 L/min.

Seal Kit -

PCV8-06 = VC90046

PCV8-10 = VC90047

Mounting Subplate-

PCV8-06 = VC20115

PCV8-10 = VC20116

Approx. Weights

PCV8-06 = 6.4 kg.

PCV8-10 = 11 kg.

General Description

Operation is such that reduced outlet pressure is maintained constant regardless of variation of inlet pressure above selected pressure setting.

Oil Viscosity ranging between 150 and 225 S S U at 40°C for ambient temperatures above 20°C is recommended.

Adjustment of reduced outlet pressure is accomplished by loosening Lock nut and turning pressure adjustment control. Clockwise rotation increases pressure and anti clockwise rotation decreases pressure control adjustment has stops for minimum and maximum pressure.

Drain Connection must be piped directly to tank. Maximum Inlet Pressure recommended 3000 psi, Outlet Pressure range 100 psi. A differential of at least 150 psi between inlet and outlet pressures must be maintained for proper functioning.

HYDRAULIC FLUIDS

For Oil Hydraulic System using high quality lubricating oil as per standard Hydraulic oil specifications is recommended. These valves can be used for water-glycol and water-in-emulsion fluids when fitted with standard seals.

ORDERING INFORMATION

PCV 8 - * - G - YR - 10

1
2
3
4
5
6

1. Model Code - PCV

2. Model Series - 8

3. Nominal Valve Size -
• 06 - 1/2" or 3/4" pipe
• 10 - 1.0" or 1-1/4" pipe

4. Connection Type -

G = Gasket Connection

5. Pressure Range -
YR = 100 - 2850 psi

6. Design No - 10 (Subject to change)

Typical Model Code :- **PCV8-06-G-YR-10**
PCV8-10-G-YR-10

PRESSURE REDUCING VALVES (GASKET CONNECTION)

PCV8

ALL DIMENSIONS ARE IN mm.

Model Series	A	C	D	E	F	G	H	J	K	L	M	P	R	S	U
PCV8-06-10	75	76	124	70	24	38	33	102	133	62	70	75	41	51	33
PCV8-10-10	181	98	133	95	29	51	37	118	133	62	70	97	51	59	46

