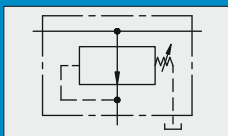
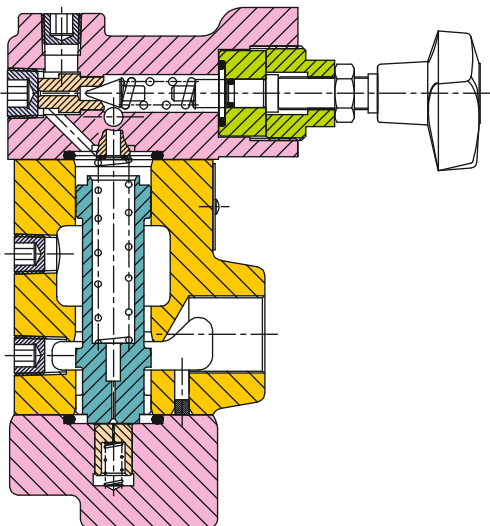


PRESSURE REDUCING VALVES (THREADED CONNECTION)



SERIES - PCV9



Basic Characteristics

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

Rated Capacity (maximum) - **PCV9-06** = 75 L/min.
PCV9-10 = 189 L/min.

Seal Kit - **PCV9-06** = VC90048
PCV9-10 = VC90049

Approx. Weights

PCV9-06 = 5 kg.
PCV9-10 = 10 kg.

General Description

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

A differential of at least 150 psi between inlet and outlet pressure must be maintained for proper functioning.

Pressure adjustment

Adjustment of reduced outlet pressure is accomplished by loosening lock nut and turning pressure adjustment control. Clockwise rotation increases pressure and anticlockwise rotation decreases pressure. Control adjustment has stops for minimum and maximum pressures.

Drain connection

Drain connection must be piped directly to tank.

Filtration

25 Microns

Hydraulic fluids

For Oil Hydraulic Systems using high quality lubricating oil as per standard hydraulic oil specifications is recommended.

ORDERING INFORMATION

PCV 9 - * - T - YR - 10
 1 2 3 4 5 6

1. Model Code - PCV

2. Model Series - 9

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

4. Connection Type -

T = Thread Connection (BSP)

5. Pressure Range -

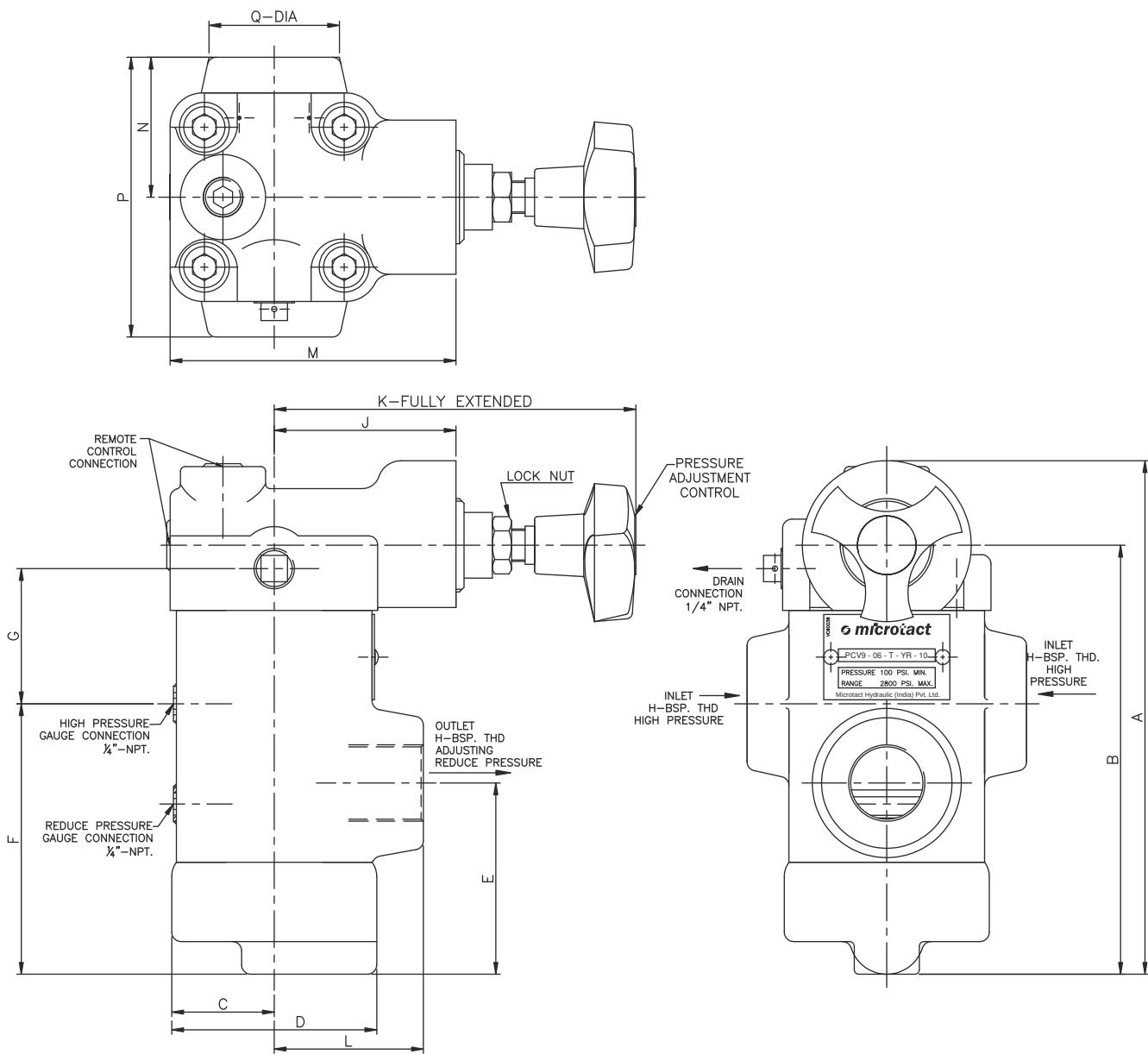
YR = 100 - 2850 psi

6. Design No - 10 (Subject to change)

Typical Model Code :- **PCV9-06-T-YR-10**
PCV9-10-T-YR-10

**PRESSURE REDUCING VALVES
(THREAD CONNECTION)**

PCV9



ALL DIMENSIONS ARE IN mm.

Model Series	A	B	C	D	E	F	G	H-BSP	J	K	L	M	P	Q
PCV9-06-10	171	146	35	70	65	92	46	3/4"	62	133	50	97	95	44
PCV9-10-10	181	156	47.5	95	63.5	92	63.5	1-1/4"	62	135	68	109.5	108	83