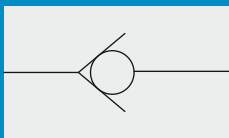
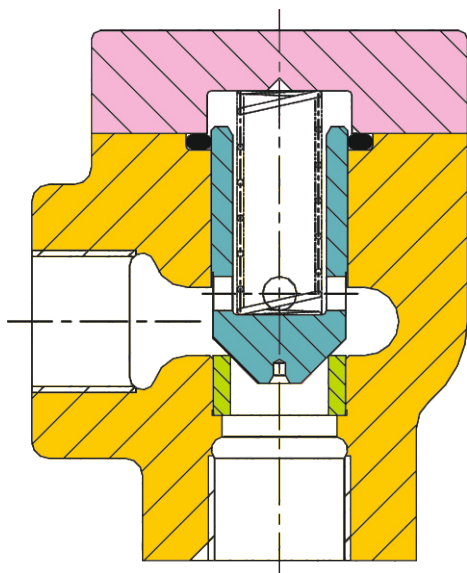


RIGHT ANGLE CHECK VALVE (THREADED CONNECTION)



SERIES - CV1



Basic Characteristics

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

Rated Capacity -

CV1 - 3/4 = 61 L/min

CV1 - 1-1/4 = 170 L/min

CV1 - 1-1/2 = 246 L/min

Approx. Weights

CV1 - 3/4 = 2.3 kg

CV1 - 1-1/4 = 4.8 kg

CV1 - 1-1/2 = 4.8 kg

General Description

For use in Oil Hydraulic Circuits where a Check Valve is required to allow flow in one direction and to prevent flow in opposite direction. It is also recommended where a valve is required to check a high velocity reverse flow of fluid.

Internal parts are of hardened and ground alloy steel as required for continuous high pressure hydraulic service.

APPLICATION GUIDANCE

Mounting Position

Mounting position of valve is not limited because of spring closure construction.

FILTRATION

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

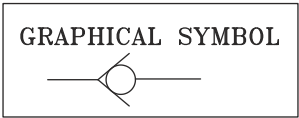
ORDERING INFORMATION

CV 1 - * - * - INB

1. Model Code - CV
2. Model Series - 1
3. Nominal Valve Size -
• 3/4" BSP
• 1-1/4" BSP
• 1-1/2" BSP

4. Cracking Pressure -
H = 1 psi HD = 50 psi
Y = 5 psi YH = 75 psi
A = 20 psi YI = 125 psi
HH = 35 psi
5. INB - Omit for standard model

Typical Model Code :- **CV1 - 3/4 - Y**
CV1 - 1-1/4 - Y
CV1 - 1-1/2 - Y



ALL DIMENSIONS ARE IN mm.

Model Series	P-CONNECTION	A	B	C	D	E	F
CV1-3/4	3/4" BSP	98.4	44.5	50.8	70	46	81
CV1-1-1/4	1-1/4" BSP	138	66.7	76	82.6	66.7	108
CV1-1-1/2	1-1/2" BSP	138	66.7	76	82.6	66.7	108

