



CHECK VALVE NOV-6-D

- NG 6
- Up to 350 bar [5 076 PSI]
- Up to 60 l/min [15.8 GPM]
- Threaded connections to ISO 1179 (BSPP/Gas), ISO 11926 (UNF).
- Flow shut-off in one service line.
- Direct in-line mounting.

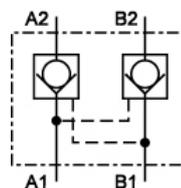


NOV-6-D

Operation

Direct operated check valves type NOV enable the hydraulic fluid flow in the service lines to be automatically shut-off and made free, respectively. Free flow direction is always from the valve side A1, B1 to side A2, B2. In the opposite direction is the valve blocked for the hydraulic fluid flow. Free flow in port A in direction A2 to A1 is achieved by means of pressure in port B, and vice versa. To assure zero leakage there is necessary to discharge ports A1 and B1 towards T in the zero position of the directional valve.

Hydraulic symbol



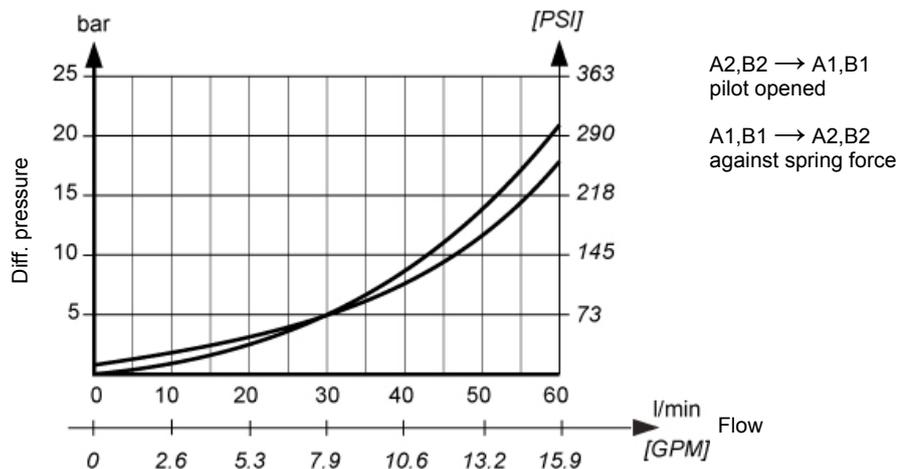
Features

Size		6
Flow rate	l/min [GPM]	60 [15.8]
Operating pressure	Bar [PSI]	350 [5 076]
Cracking pressure	Bar [PSI]	1 [14.5]
Area ratio		1:3,9
Oil temperature range	°C [°F]	-20 to +70 [-4 to +158]
Viscosity range	mm ² /s [SUS]	15 to 380 [69,5 to 1.760]
Filtration	NAS 1638	8
Mass	kg [lbs]	1,5 [3.30]

ΔP-Q Performance curves

Δp - Q Performance curves of the flow in direction A1, B1 → A2, B2 (through check valve) and in direction A2, B2 → A1, B1 (check valve pilot opened).

Measured at 50°C [122°F] and viscosity of 32 mm²/s [148 SUS].



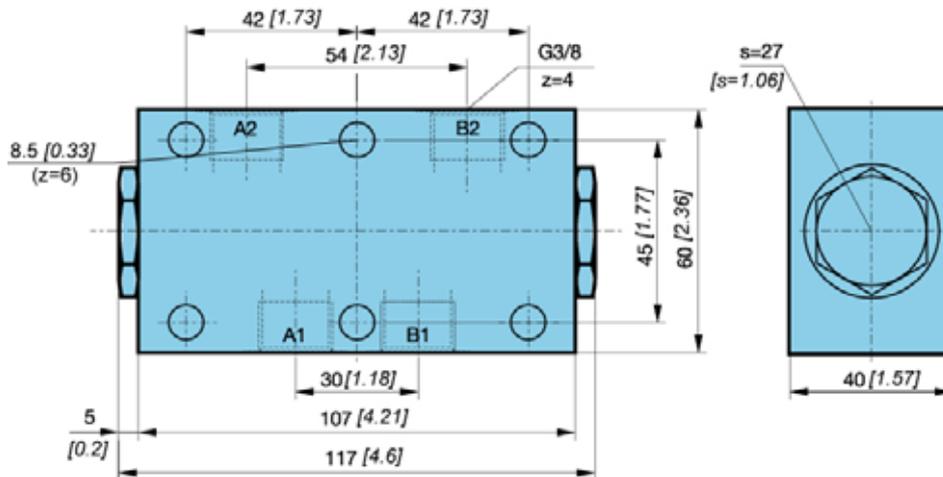
Direct operated valves

Pilot operated valves

Counterbalance valves



Dimensions



Model code

