



JV140019
Ductile Iron
Pressure Reducing Valve
For Water
Direct Acting
Flanged PN16 or PN40



The JV140019 is an accurate and reliable direct acting pressure reducing valve used to maintain a pre-set downstream pressure regardless of flow rate and upstream pressure fluctuations.

This valve is manufactured with WRAS listed materials making it particularly suitable for potable water applications.

The valve has 1/4" BSP pressure gauge ports on both sides so that the pressure can be accurately monitored and adjusted.

Approvals, Features & Benefits

- WRAS listed materials
- Face to face to EN558-1 Series 1
- Direct acting
- Self cleaning piston
- Economical & efficient
- Ports for optional pressure gauges

Pressure & Temperature

Max upstream pressure:-
16 bar (40 bar option on request)
Downstream pressure range:-
1.5 to 6 bar (5 to 24 bar option on request)
Minimum dynamic differential pressure = 1 bar
Temperature range:-
-10°C to 70°C

DN	50	65	80	100	125	150
A	230	290	310	350	400	450
B	83	93	100	117	135	150
C	280	320	350	420	590	690
Flange PCD (PN16)	125	145	160	180	210	240
Flange Bolts (PN16)	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20
Flange PCD (PN40)	125	145	160	190	220	250
Flange Bolts (PN40)	4 x M16	8 x M16	8 x M16	8 x M20	8 x M24	8 x M24
Weight Kg	12	19	24	34	56	74
Outlet Pressure Range	1.5 - 6 bar 5 - 12 bar 12 - 24 bar (Specify required output when ordering)					

MATERIALS

Body & Bonnet	Ductile Iron (EN1563 EN-GJS-450/10)
Spring	Steel (1.7104 55siCr6)
Seat / Bushing / Fasteners	Stainless Steel (EN10088 1-4301)
Seals	EPDM (WRAS listed)