



## JV1023AF

**Ductile Iron Pressure Reducing Valve  
Suitable for Water**  
PN16 or PN40 Flanged



The JV1023AF is an accurate and reliable direct acting pressure reducing valve used to maintain a preset 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.

### 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

Upstream Pressure range:-  
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

SIZE	DN50	DN65	DN80	DN100	DN125	DN150
<b>A</b>	230	290	310	350	400	450
<b>B</b>	83	93	100	117	135	150
<b>C</b>	280	320	350	420	590	690
<b>Flange PCD (PN16)</b>	125	145	160	180	210	240
<b>Flange Bolts (PN16)</b>	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20
<b>Flange PCD (PN40)</b>	125	145	160	190	220	250
<b>Flange Bolts (PN40)</b>	4 x M16	8 x M16	8 x M16	8 x M20	8 x M24	8 x M24
<b>Weight Kg</b>	12	19	24	34	56	74
<b>Outlet Pressure Range</b>	1.5 - 6 bar   5 - 12 bar   12 - 24 bar (Specify required output when ordering)					

### MATERIALS

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