

Series W-M115

Pressure Reducing Valve

Size: DN32-DN300

The Watts W-M115 Pressure Reducing Valve is designed to adjust, set and maintain downstream pressure of the pipeline. It's generally used in city water supply, industrial and agricultural water transmission pipeline, etc.

Features

- Stable performance, safe and reliable
- Simple operation, convenient adjusting
- Precise pressure reducing
- Long service life

Pressure-Temperature

- Maximum Working Pressure: 1.6MPa
- Temperature Range: 0°C~80°C
- Pressure Regulating Range: 10PSI~125PSI (0.07MPa~0.9MPa)
- Factory Setting: 50PSI(0.35MPa)

Material

Component	Material
Body/Bonnet	Ductile Iron
Stem	Stainless Steel
Seat	Stainless Steel
Diaphragm	NBR+Nylon
Sealing	NBR

Operating Principle

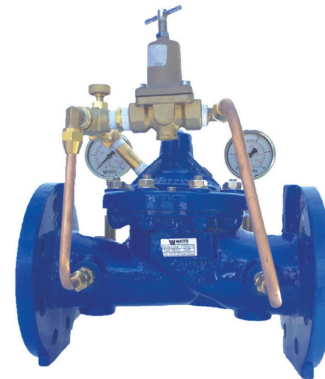
The valve sets downstream pressure by adjusting the control pilot valve. When downstream pressure is below the set pressure, the opening of the valve seat, flow and downstream pressure increase.

When downstream pressure is above the set pressure, the opening of valve seat decreases, flow and downstream pressure reduce. Valve downstream pressure is stable in set range automatically.

Installation Dimensions

Connection Dimension: GB/T 17241.6

Size DN (mm)	Dimensions(mm)				Flange Dimensions(mm)			
	L	H	H1	B	ØC	n-ØD	E	T
32 BSPT	184	305	271	235	/	/	/	/
40 BSPT	184	305	271	235	/	/	/	/
50 BSPT	238	315	268	250	/	/	/	/
50	230	325	245	260	125	4-Ø19	165	19
65	290	343	250	265	145	4-Ø19	185	19
80	310	345	245	275	160	8-Ø19	200	19
100	350	395	285	345	180	8-Ø19	220	19
125	400	413	288	380	210	8-Ø19	250	19
150	480	430	288	405	240	8-Ø23	285	19
200	600	540	370	475	295	12-Ø23	340	20
250	660	650	450	560	355	12-Ø28	406	30.5
300	762	755	520	670	410	12-Ø28	482	31.8



Specification

- Nominal Diameter: Thread DN32-DN50
Flange DN50-DN300
- Connection Standard: GB/T 17241.6
- Working Medium: Water

