

# PRESSURE REDUCING VALVE

An accurate and reliable directly-acting pressure reducing valve used to maintain a preset downstream pressure regardless of flow rate and upstream pressure fluctuations. Suitable for domestic, commercial and industrial applications involving potable water, oil or dirt.

## FEATURES

- Patented self cleaning piston
- Proven engineered balanced design
- Robust ductile iron construction
- Stainless steel internal components
- WRAS listed materials
- Tapped upstream and downstream bosses



## TECHNICAL SPECIFICATION

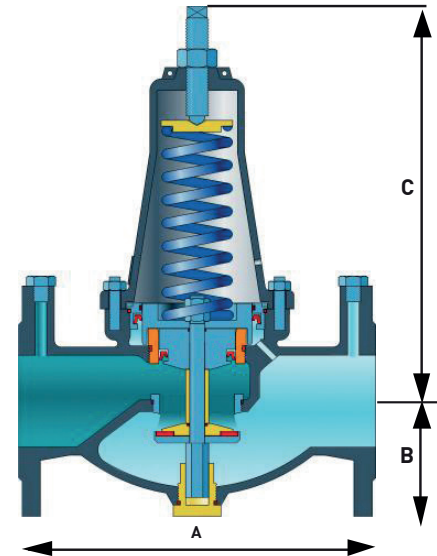
<b>RANGE</b>	DN50 to DN150
<b>FLANGED</b>	EN1092 Table 9 (PN16)
<b>FACE TO FACE DIMENSIONS</b>	EN558 Basic Series 28
<b>MAXIMUM UPSTREAM PRESSURE</b>	16 Bar (25 and 40 Bar on request)
<b>MINIMUM DYNAMIC DIFFERENTIAL PRESSURE</b>	1 Bar
<b>HYDROSTATIC PRESSURE TESTS</b>	Seat 1.1xPN & Body 1.5xPN
<b>MAXIMUM TEMPERATURE</b>	70°C
<b>COATING</b>	WRAS listed fusion bonded epoxy
<b>ADJUSTABLE DOWNSTREAM PRESSURE</b>	1.5 to 6 Bar/ 5 to 12 Bar/ 12 to 24 Bar

## PARTS AND MATERIAL LIST

<b>PART</b>	<b>MATERIAL</b>
Body / Bonnet	Ductile Iron
Spring	Steel
Seat / Bushing / Fasteners	Stainless Steel
Seals	EPDM
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Spring	Steel
Seat / Bushing / Fasteners	Stainless Steel
Seals	EPDM

## DIMENSIONAL DRAWING

DN	A	B	C	WEIGHT
50	230	83	280	12
65	290	93	320	19
80	310	100	350	24
100	350	117	420	34
125	400	135	590	56
150	450	150	690	74



† This product will require certification as part of a larger assembly under PED regulations