Pressure Reducing Valve

T-T Flow® Valves

Application

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 air†.

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

Range: DN50 to DN150

Adjustable downstream pressure: 1½ to 6 Bar
5 to 12 Bar
12 to 24 Bar

Maximum upstream pressure: 40 Bar

Minimum dynamic differential pressure: 1 Bar

Flanged: EN1092 Table 9 (PN16)

Face-to-Face: EN558 Series 1

Maximum temperature: 70ºC

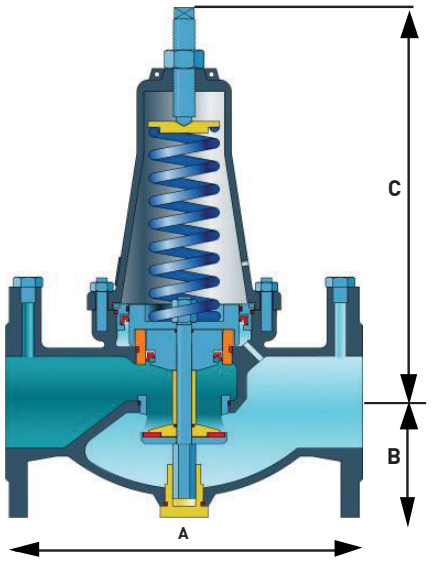
Hydrostatic pressure tests: Seat 1.1xPN &
Body 1.5xPN

Material Specification

Description	Material	Grade
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

Dimensions

DN	A	B	C	Weight (kg)
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

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We reserve the right to amend specifications without prior notice.
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