

High Pressure Regulator

116 Series

690 Bar
Max Inlet

0-620 Bar
Outlet Range

Liquid
or Gas

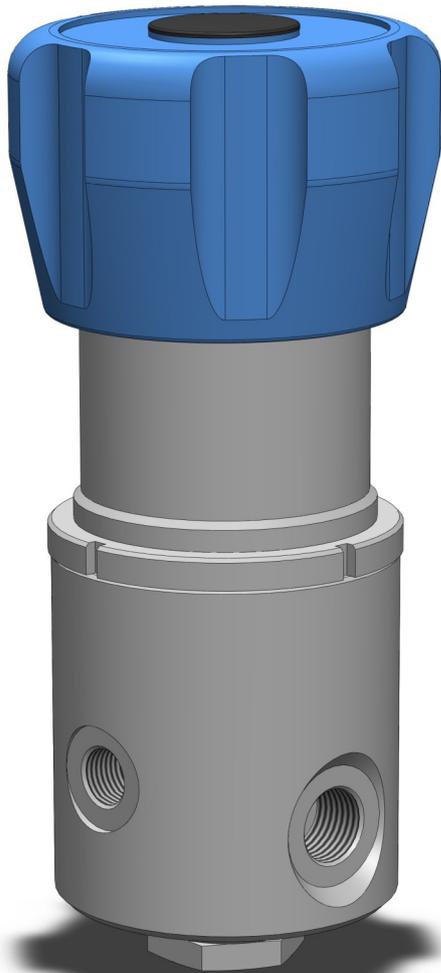
Integral
Filter Option

Self Venting
option

116 Series—High pressure regulator

A comprehensive range of hand adjustable downstream pressure control regulators offering a choice of pressure sensitive capsules and high/medium flow and filtered gas main valve modules. Various downstream pressure release options such as captured for hydraulic and toxic gases as well as non-venting and vent-to-atmosphere models.

116 series regulators provide accurate, repeatable pressure control over a wide flow range. Inlet / outlet ports are offered 1/4", 3/8" and 1/2" in BSPP and NPT thread forms plus material choices compatible with most common liquid / gas applications makes this valve first choice for all but the most specialised requirements



Specification

Max Inlet Pressure	690 Bar
Outlet Pressure Range	0 – 620 Bar
Cv	0.9 or 0.09 (filtered)
Design Proof Pressure	200% MAWP
Seat Leakage	ANSI/FCI 70-3
Handwheel	Aluminium

Features and benefits

- Suitable for Liquid and gas applications
- Material and porting options available
- Reliable, time proven design
- Modular construction allows easy servicing

Options

Materials of Construction	Stainless Steel 316 Brass/Bronze (O2 service) Aluminium Alloy 6082 T6
Porting	1/2" BSP/NPT 3/8" BSP/NPT 1/4" BSP/NPT
Filter	25 Micron (0.09Cv)
Self Venting	Option available 1/4" BSP/NPT Ports
Gauges	Option available 1/4" BSP/NPT Ports

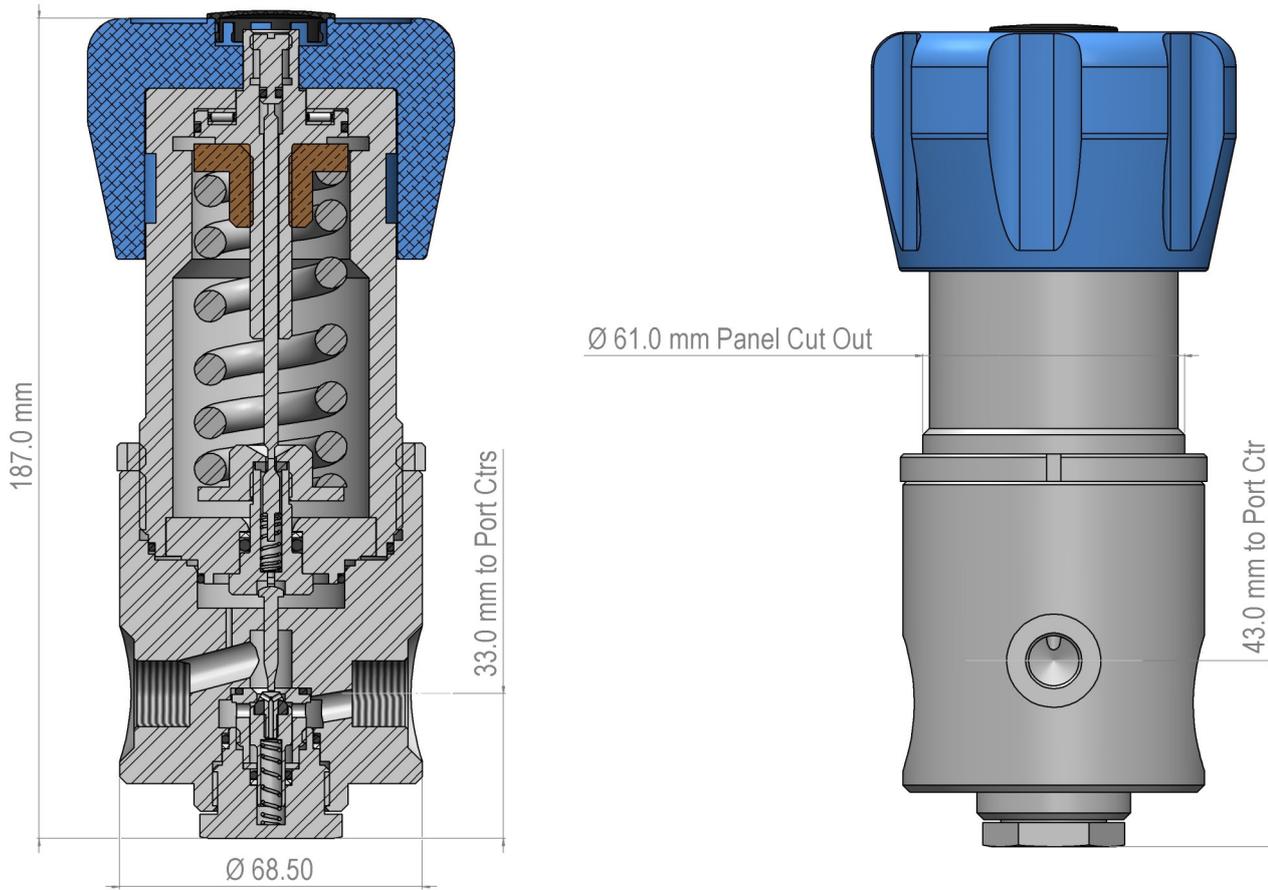
A range of spares kits are available, please contact our sales office or visit our website for details.

Regular service schedule recommended.



Specification and Ordering info

116 Series



Spares and service kits available, please contact our sales office or visit our website for details.

1	0 – 35 bar
2	0 – 70 bar
3	0 – 140 bar
4	0 – 310 bar
5	0 – 620 bar

116 – 0 0 0 0 0 X

S	Pre-set pressure lock
T	1/2" Ports
W	Gauge Ports (WI inlet only, WO outlet only)
Z	Pressure stop

1	Stainless Steel 303
2	Brass/Bronze (O2 Service)
3	Aluminium Alloy 6082 T6
4	Stainless Steel 316

0	3/8" BSP
1	3/8" NPT
2	1/4" BSP
3	1/4" NPT

0	Filter Main Valve (0.09 Cv)
1	Balanced Main Valve (0.9 Cv)
2	Metal to Metal (Liquids only 0.15 Cv)

0	Non-Venting
1	Vent to Atmosphere
2	Captured Vent (1/4" NPT)

All of our products are constantly assessed for possible improvements and the specifications listed here are subject to change. Please ensure you have the latest issue...

