

Materials	316L Stainless Steel
Pressure	17 Bar
Ports	1/8" & 1/4"
Element	12.57.□

RSS123 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from 316L stainless steel with a stainless steel bonnet. The regulators can be supplied as relieving or non-relieving and the suffix .R or .NR should be used after the part number.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, see table below for part number suffix.

Standard housings have NPT ports and Viton seals.

The housings are free from welds and comply with NACE MR-01-75 and conform to SEP of PED 97/23/EC.



Technical Specifications

Housing Model	RSS123.101	RSS123.111	RSS123.161	RSS123.201	RSS123.221	RSS123.261
Port Size	1/8" NPT	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Drain Port	None	1/8" NPT	Manual	None	1/4" NPT	Manual
Maximum Pressure, Bar	17	17	17	17	17	17
Maximum Temperature, °C	60	60	60	60	60	60
Materials of Construction (1)						
Body	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Bonnet	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Seal & Diaphragm	Viton	Viton	Viton	Viton	Viton	Viton
Other Internal Parts	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Filter Element Code (2)	12.57.□	12.57.□	12.57.□	12.57.□	12.57.□	12.57.□
Principal Dimensions in mm						
Diameter	40	40	40	40	40	40
Height	175	175	190	175	175	190
Weight, kg	0.87	0.87	0.87	0.87	0.87	0.87
Type Suffix (3)						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
Spring Suffix (3)						
0-2 Bar	.30	.30	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60	.60	.60
0-8 Bar	.120	.120	.120	.120	.120	.120
Accessories						
Mounting Bracket	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (4)	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10

Notes

- (1) Material abbreviations, 316L SS = 316L Stainless Steel
- (2) Replace the □ with the grade required, e.g. 12.57.5K, 12.57.S10V
- (3) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RSS123.201.N.120)
- (4) Add suffix for pressure range, (e.g. PRGA10.120)