

RSP103 & RSS103 Regulator

Materials 316L Stainless Steel
Pressure 17 Bar
Ports 1/8" or 1/4"

RSP103 and RSS103 regulator housings are specified for 1/8" & 1/4" line size applications.

The housings are constructed from 316L stainless steel with a stainless steel or plastic 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	RSP103.101	RSP103.201	RSS103.101	RSS103.201
Port Size	1/8" NPT	1/4" NPT	1/8" NPT	1/4" NPT
Maximum Pressure, Bar	17	17	17	17
Maximum Temperature, °C	60	60	60	60
Materials of Construction (1)				
Body	316L SS	316L SS	316L SS	316L SS
Bonnet	Plastic	Plastic	316L SS	316L SS
Seal & Diaphragm	Viton	Viton	Viton	Viton
Other Internal Parts	Plastic	Plastic	Plastic	Plastic
Principal Dimensions in mm				
Diameter	40	40	40	40
Height	78	78	78	78
Weight, kg	0.25	0.25	0.37	0.37
Type Suffix (2)				
Relieving	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR
Spring Suffix (2)				
0-2 Bar	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60
0-8 Bar	.120	.120	.120	.120
Accessories				
Mounting Bracket	MBRSP10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (3)	SPRGA10	SPRGA10	SPRGA10	SPRGA10

Notes

(1) Material abbreviations, 316L SS = 316L Stainless Steel

(2) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RSS103.201.N.120)

(3) Add suffix for pressure range, (e.g. PRGA10.120)