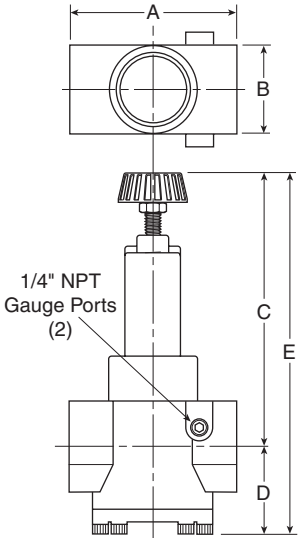


09R Regulators – Hi-Flow



Features

- Piston design for reduced downtime.
- High flow.
- Balanced poppet for quick and accurate regulation.
- Two full flow 1/4" gauge ports which can be used as additional outlets.
- Self relieving piston standard.
- High Flow: 2" – 1000 SCFM§



Port Size	NPT
Without Gauge	
2"	09R813B*

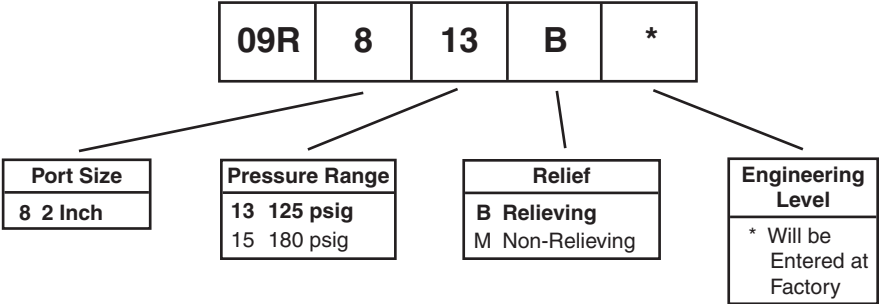
Standard part numbers shown bold. For other models refer to ordering information below.

§ SCFM = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

09 Regulator Dimensions		
A	B	C
5.30 (135)	3.60 (91)	9.10 (231)
D	E	
2.80 (71)	11.90 (302)	

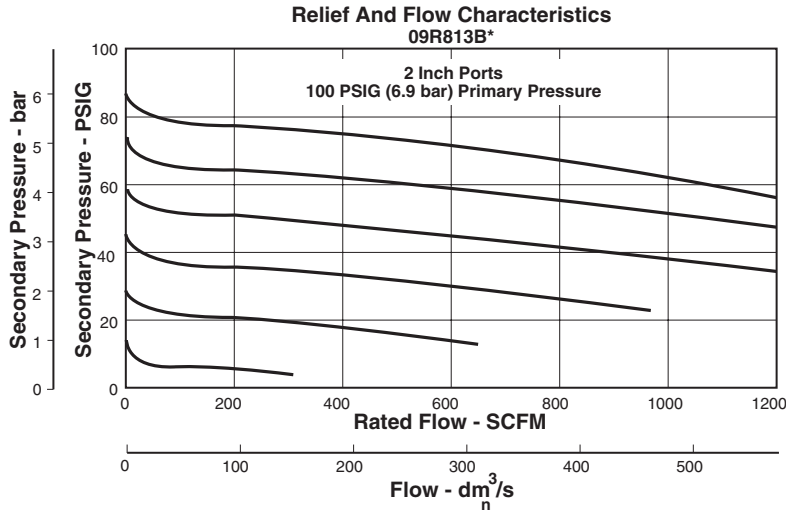
Inches (mm)

Ordering Information



BOLD ITEMS ARE MOST POPULAR.

Technical Information



CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design.

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

⚠ WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.**

09R Regulator Kits & Accessories

Body Service Kit	PS603P
Gauges – 160 psig (0 to 11.0 bar)	K4520N14160
300 psig (0 to 20 bar)	K4520N14300
Mounting Bracket Kit	PS605P
Service Kit – Non-Relieving	PS604P
Relieving	PS626P
Springs – 0 to 125 psig Range	PS602P
0 to 180 psig Range	PS627

Specifications

Gauge Ports (2)	1/4 Inch
(Can be used as additional Full Flow 1/4 Inch Outlet Ports)	
Port Threads	2 Inch
Primary Pressure Rating –	
Maximum Primary Pressure	300 psig (17.2 bar)
Secondary Pressure Range –	
10 to 125 psig (0.7 to 8.6 bar)	
10 to 180 psig (0.7 to 12.4 bar)	
Temperature Rating	32°F to 150°F (0°C to 66°C)
Weight	10.82 lb. (53 kg)

Materials of Construction

Adjusting Stem & Springs	Steel
Body	Zinc Alloy, Die Cast
Bonnet, Piston Stem, Valve Poppet & Cap	Aluminum
Piston, Cap	Plastic
Seals	Nitrile