



67S SERIES

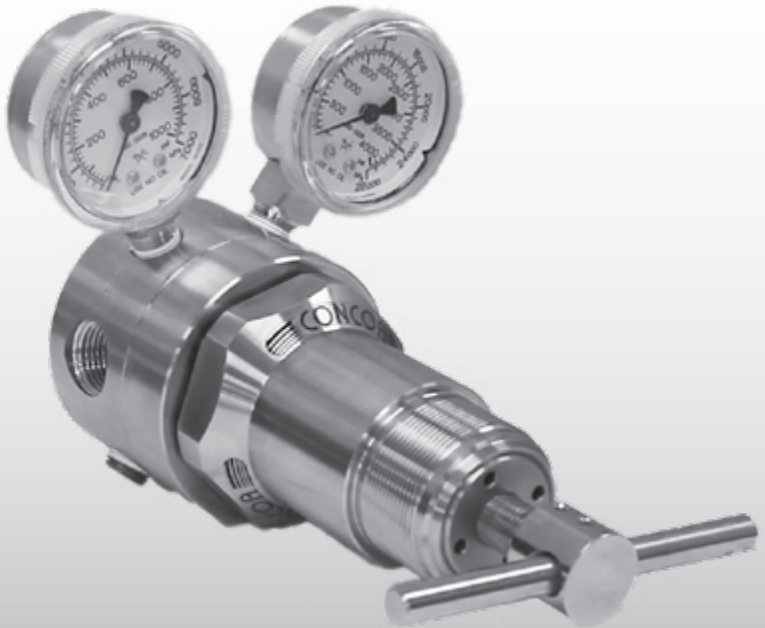
The 67S series high-pressure, ultra-high flow regulator is designed to provide steady and reliable control from liquid and high pressure gas sources requiring delivery pressures up to 750 PSIG and flow rates up to 24,000 SCFH. The ISOFLOW technology enables constant outlet pressure regardless of inlet pressure fluctuations while the 1/2" and 3/4" porting sizes and 2.3 Cv enable the highest possible flow rates. Combined with robust materials of construction and a low static design, the 67S series is the ideal choice for liquid and high pressure source applications.

Typical Applications

Micro Bulk or Bulk Cryogenic Supply Systems

Tube Trailer or Bulk Hydrogen Supply Systems

High Purity Welding



Features

Low Static Design

Liquid or high pressure cylinder use

Delivery options up to 750 PSIG

Broad range of applications

Front and Rear Panel Mountable

Flexible installation

40-Micron Internal Filter

Limits possibility of gas contamination

Materials

Body

316L stainless steel barstock

Bonnet

316L stainless steel barstock

Seat

Viton® or EPDM

Dynamic Cartridge

316L stainless steel barstock

Internal Seals

PTFE and Viton

Filter

40 micron 316L stainless steel

Specifications

Maximum Inlet Pressure

3000 PSIG (210 BAR)

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Gauges

2" dual scale stainless steel
(ANSI/ASME B40.1)

Inlet and Outlet Connections

1/2" or 3/4" FPT (primary ports)
1/4" FPT (auxiliary ports)

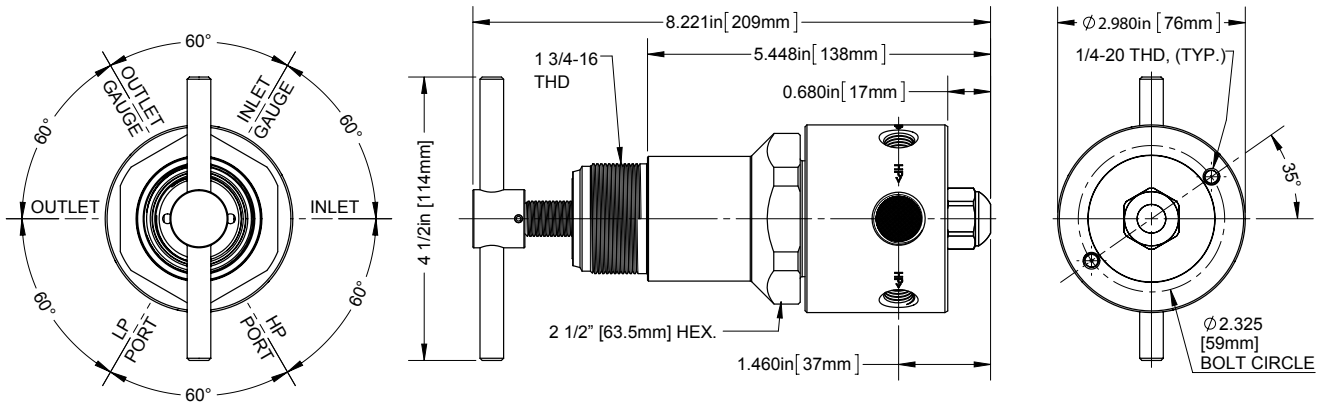
Cv

2.3

Weight

7.5lbs (3.4kg)

Installation Dimensions



Ordering Information

67S	A	B	C	D	-CON	Options	
Series 67S	Outlet Pressure	Outlet Gauge	Inlet Gauge	Outlet Assemblies	Assembly/ Gauges	Inlet Connections	Seat
	1: 0-125 PSIG (0-9 BAR)	0-200 PSIG/ 0-15 BAR	0: None	0: None	0: 1/2" FPT ports (Bare body)	VF8: 1/2" stainless steel compression tube	R: Viton®*
	2: 0-250 PSIG (0-17 BAR)	0-400 PSIG/ 0-27 BAR	3: 0-4000 PSIG/ 0-275 BAR	1: 1/2" MPT	1: 1/2" FPT ports, right inlet (PSI/kPA gauges)	VFC: 3/4" stainless steel compression tube	C: EPDM†
	5: 0-500 PSIG (0-34 BAR)	0-1000 PSIG/ 0-70 BAR	5: 0-1000 PSIG/ 0-70 BAR	2: 3/4" MPT	2: 1/2" FPT ports, right inlet (BAR/PSIG gauges)	V12: 12mm stainless steel compression tube	*Not for Carbon Dioxide or Nitrous Oxide †Not for oxidizers and certain hydrocarbons
	7: 0-750 PSIG (0-52 BAR)	0-1000 PSIG/ 0-70 BAR	6: 0-400 PSIG/ 0-27 BAR	6: 1/2" stainless steel compression tube	6: 1/2" NPT ports, left inlet (PSI/kPA gauges)	F37: 37° flare	
			9: 0-600 PSIG/ 0-40 BAR	7: 3/4" stainless steel compression tube	7: 1/2" NPT ports, left inlet (BAR/PSIG gauges)	CGA, DIN 477, and BS 341 cylinder connections available with 1/2" NPT models only	
				8: 12mm stainless steel compression tube	A: 3/4" NPT ports (Bare body)		
				A: 37° flare, stainless steel	B: 3/4" NPT ports, right inlet (PSI/kPA gauges)		
					C: 3/4" NPT ports, right inlet (BAR/PSIG gauges)		
					F: 3/4" NPT ports, left inlet (PSI/kPA gauges)		
					G: 3/4" NPT ports, left inlet (BAR/PSIG gauges)		

REGULATORS

Flow Curves for 67S

