

67S SERIES REGULATOR



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 regulator is the ideal choice for liquid and high pressure source applications.

Typical Applications

- Microbulk or Bulk Cryogenic Supply Systems
- Tube Trailer or Bulk Hydrogen Supply Systems
- High Purity Welding



67S530-01-000 shown

Features

Low Static Design delivers steady reliable control

Delivery Options up to 750 PSIG (51 BAR) accommodate a broad range of applications

Front and Rear Panel Mountable eases installation

40-Micron Internal Filter limits the possibility of gas contamination

Materials and Specifications

Max Inlet Pressure: 3000 PSIG (210 BAR)

Body: 316L Stainless steel barstock

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Gauges: 2 in (50 mm) dual scale stainless steel

Seat: FKM or EPDM

Filter: 40-micron 316L stainless steel mesh

Temperature Range: -40°F to 140°F (-40°C to 60°C)

Cv: 2.3

Ports (bare body): 1/2" or 3/4" FNPT (primary); 1/4" FNPT (auxiliary)

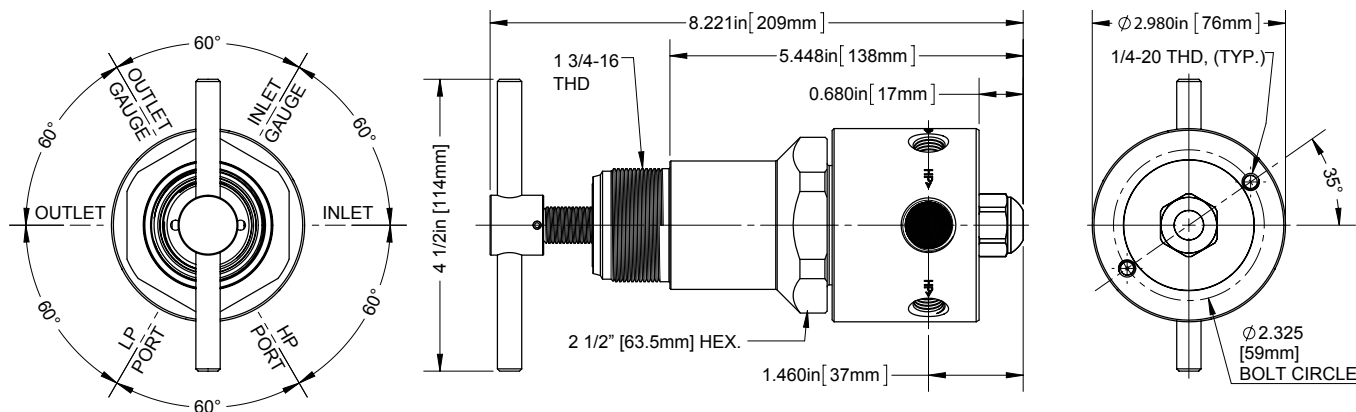
Weight: 7.5 lbs (3.4 kg)

Conformances: Cleanliness meets or exceeds CGA G-4.1; PED 2014/68/EU; ANSI/ASME B40.1; CRN OH5216.5

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Installation Dimensions



Ordering Information

67S Series	A		B	C	D	-CON	Options
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: FKM*
	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	<i>*Not for Carbon Dioxide or Nitrous Oxide</i>
	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 (PSIG/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)	<i>CGA, DIN 477, and BS 341 cylinder connections available with 1/2" NPT models only</i>	
				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 (PSIG/kPA gauges)		
				C: 3/4" NPT ports, right inlet (BAR/PSIG gauges)		<i>†Not for oxidizers and certain hydrocarbons</i>	
				F: 3/4" NPT ports, left inlet (PSIG/kPA gauges)			
				G: 3/4" NPT ports, left inlet (BAR/PSIG gauges)			

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Flow Curves for 67S

