

# 202 Series

# Single Stage Brass Bodied Scientific Regulator



- Pressure ranges of 0-15 to 0-200 PSI are available to cater for a broad range of applications
- Forged body design
- Large diaphragm design
- High flow capacity
- Capsule seat design for greater serviceability and life
- 316L stainless steel diaphragm

The 202 Series regulators are intended for primary pressure control of non-corrosive, high purity or liquefied gases, or where minor fluctuations in outlet pressure (as gas supply diminishes) can be tolerated.

### Specifications:

**Max. Inlet Pressure:** 3000 PSI (210 BAR)

**Gauges:** 2-1/2" diameter brass (chrome plated)

**Temperature Range:** -40° C to 60° C

**Body Ports:** 1/4" NPT(F)

**Helium Leak Integrity:** 1 x 10<sup>-8</sup> scc/sec

**Cv:** 0.2

**Weight:** 1.8 kg

### Materials:

**Body:** Chrome plated forged brass

**Bonnet:** Chrome plated diecast zinc

**Seat:** PTFE

**Filter:** 10 micron sintered bronze

**Diaphragm:** 316L stainless steel

**Internal Seals:** PTFE

### ORDERING INFORMATION

**S202 - XXX - XXX - XXX - XX**

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
<b>S202</b>	<b>15</b> (0-15 psi)	<b>T10</b> (AS2473 Type 10)	<b>4F</b> (1/4" NPT Female)	
	<b>15</b> (0-15 psi) acetylene	<b>T20</b> (AS2473 Type 20)	<b>2S</b> (1/8" Tube)	
	<b>40</b> (0-40 psi)	<b>T30</b> (AS2473 Type 30)	<b>4S</b> (1/4" Tube)	
	<b>120</b> (0-120 psi)	<b>T50</b> (AS2473 Type 50)	<b>8S</b> (1/2" Tube)	
	<b>200</b> (0-200 psi)	<b>T60</b> (AS2473 Type 60)	<b>2B</b> (1/8" Hose Barb)	
		<b>350</b> (CGA350)	<b>4B</b> (1/4" Hose Barb)	
		<b>540</b> (CGA540)	<b>FA</b> (Fine adjust valve)	
		<b>580</b> (CGA580)	<b>4M</b> (1/4" NPT Male)	
		<b>4F</b> (1/4" NPT Female)	<b>DK</b> (1/4" Diaphragm valve)	
		<b>Others</b> refer inlet fitting chart	<b>Others</b> refer outlet fitting chart	

# Flow and Basic Dimensions

