

Spec Master HPC6000 Series

6.0 Purity Nickel Plated Brass Barstock Diaphragm

In-Line Outlet Point



The Spec Master HPC6000 Series diaphragm in-line outlet points are designed for secondary pressure gas control of corrosive, toxic and high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems.

- **HPC6001 Series** | Wall Mounting Diaphragm In-Line Outlet Point, FKM Seal
- **HPC6002 Series** | Wall Mounting Diaphragm In-Line Outlet Point, EPDM Seal

★ FEATURES

- Isolation Valve
- Non-return Valve
- Encapsulated seat design
- Full range of inlet and outlet fittings
- Wall mounting

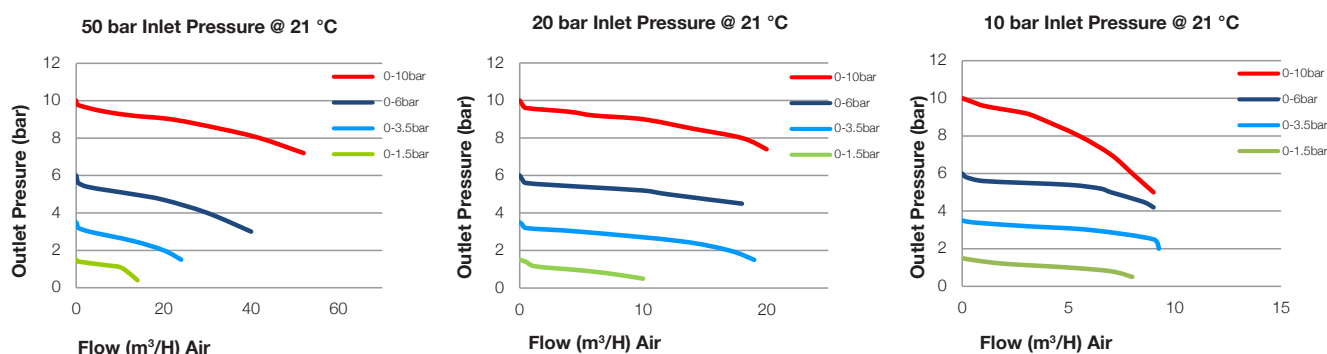
🔧 MATERIAL

- | | |
|---------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | Nickel Plated Brass Barstock |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Valve Seat | PCTFE |
| ■ Bonnet Seal | PTFE |
| ■ Seal Option | FKM / EPDM |
| ■ Filter | 10 Micron 316L Stainless Steel |

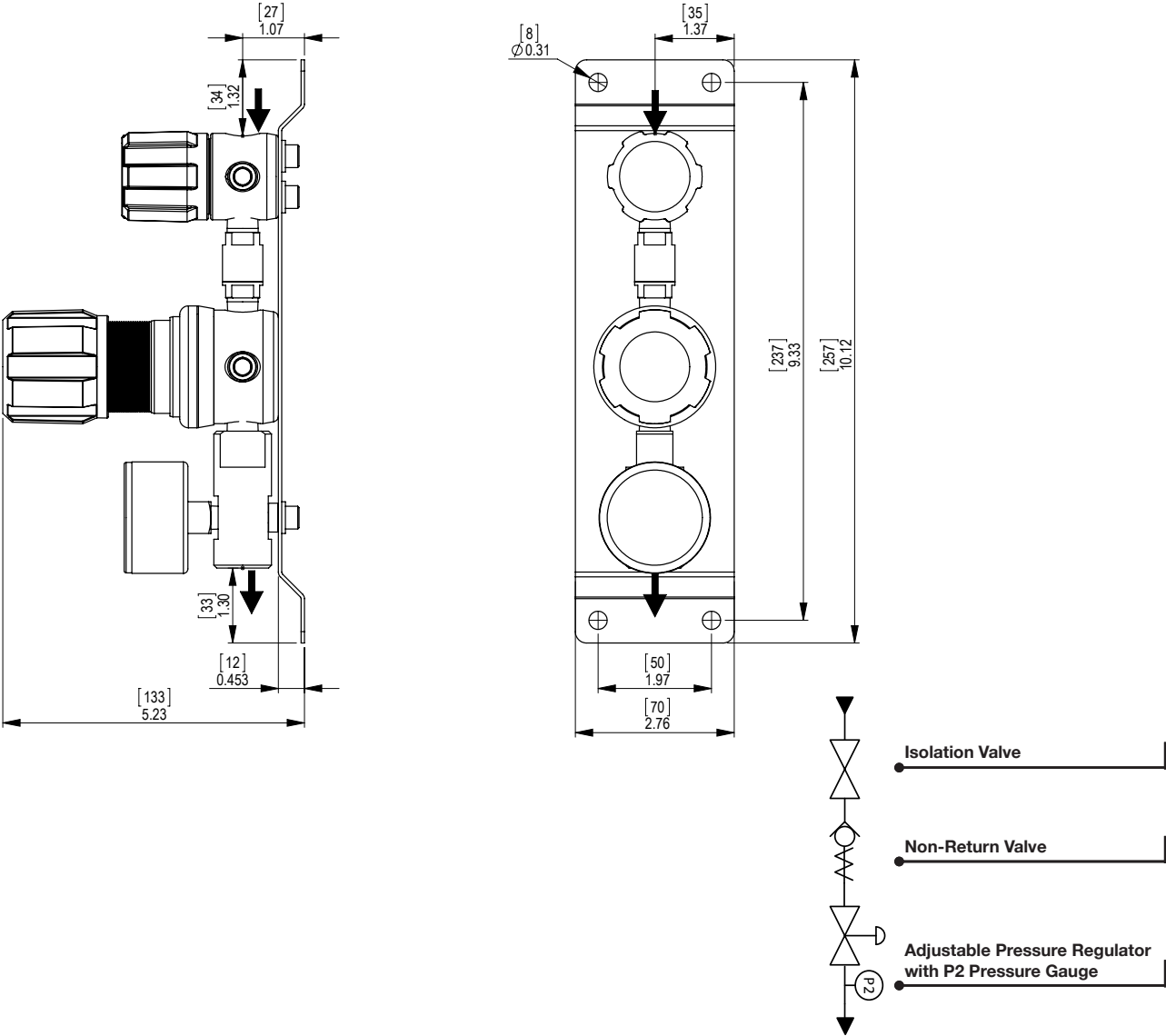
👍 SPECIFICATION

- | | |
|---------------------------|--|
| ■ Maximum Inlet Pressure | 207 bar (3000 PSI) |
| ■ Delivery Pressure Range | 1.5 bar (22 PSI)
3.5 bar (50 PSI)
6 bar (90 PSI)
10 bar (150 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Helium Leak Integrity | 1x10 ⁻⁹ mbar l/s |
| ■ Weight | 2.05 kg (5.52 lb) |

✓ FLOW PERFORMANCE



 DRAWINGS



 MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPC6000 Series

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
HPC6001-	03-	02-	00-	00-	001-	01-	A
HPC6001	03 207 bar [3000]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
HPC6002		03 0 to 3.5 [50]		01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Capture Kit
		04 0 to 6 [90]			002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	G Helium Test Certificate
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	K Certificate of Conformity (CoC)
					004 1/4 NPT Male	04 1/4 NPT Male	P Calibration / Pressure Test Certificate
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H Brass Male	X Special Instruction
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	