

AG Gases and Equipment Ltd

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Gases & Equipment Ltd

SPEC MASTER HPS600 SERIES

6.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm Cylinder Regulator

Spec Master HPS600 series single stage diaphragm cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 6.0 purity (99.9999%), on applications where slight variation from decreasing cylinder pressure is acceptable.

- HPS600 Series | Single Stage Diaphragm Cylinder Regulator, FFKM Pressure Relief Valve

Specifications

Maximum Inlet Pressure: 300 bar (4350 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: -20o C to +60o C (-4o F to +140o F)

Flow Coefficient (Cv): 0.1

Helium leak Integrity: 1 x 10⁻⁹ mbar l/s

Weight: 1.2 kg (2.7 lb)**

* Subject to cylinder connection ** Cylinder connection not included



Materials

Body: Nickel Plated Brass Barstock

Bonnet: Nickel Plated Brass Barstock

Diaphragm: 316L Stainless Steel

Seal: PTFE

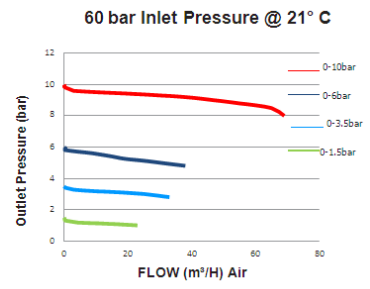
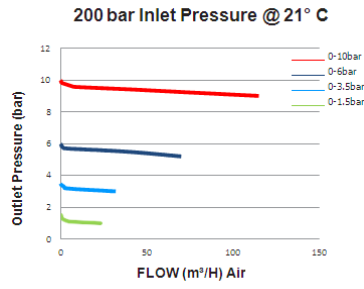
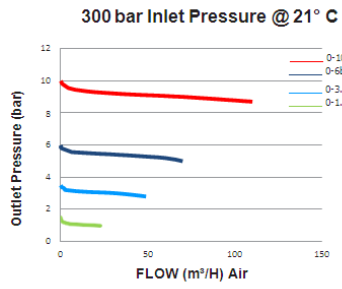
Seat: PCTFE

Filter: 10 Micron 316L Stainless Steel

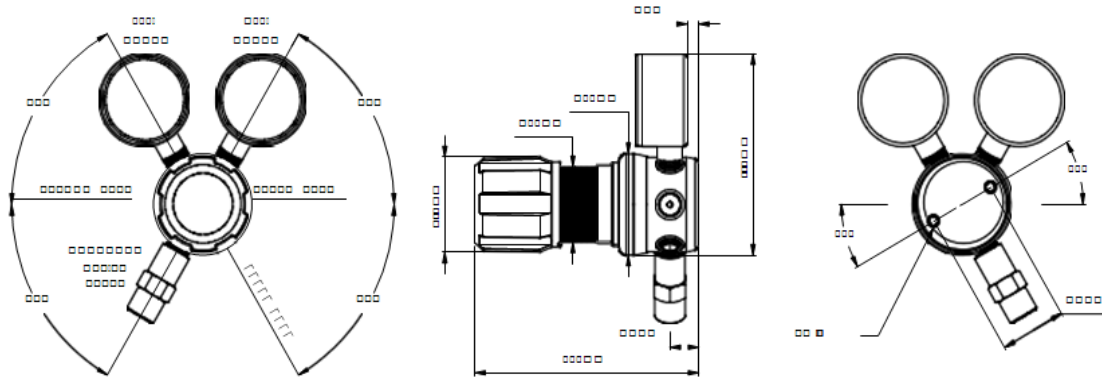
Features

- Six port configuration
- Front and rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Base and side entry

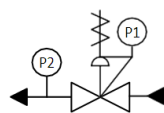
Flow Performance






Dimensions



Process & Instrumentation



-  - Adjustable Pressure Regulator with P1 Pressure Gauge
-  - Pressure Relief Valve
-  - P2 Pressure Gauge