

AG Gases and Equipment Ltd

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Gases & Equipment Ltd

TECH MASTER GPT400 SERIES

4.5 Purity Two Stage Brass Barstock Diaphragm Cylinder Regulator

Tech Master GPT400 series two stage diaphragm cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on applications where constant delivery pressure is required as the cylinder pressure decreases.

- GPT401 Series | Two Stage Diaphragm Cylinder Regulator, FKM Seal
- GPT402 Series | Two Stage Diaphragm Cylinder Regulator, EPDM Seal

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): 0.079

Weight: 1.8 kg (4.0 lb)**

* Subject to cylinder connection ** Cylinder connection not included



Materials

Body: Brass Barstock

Bonnet: High Strength Alloy

Diaphragm: Polychloroprene (Neoprene®)
(CR)

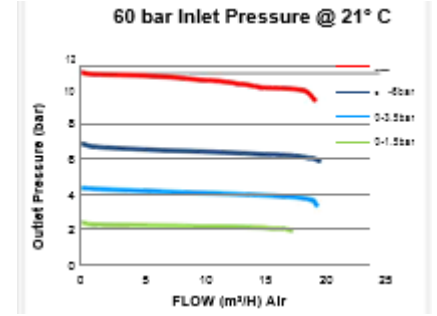
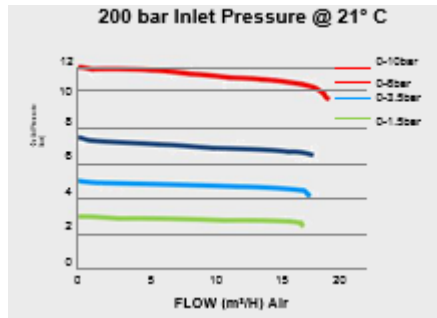
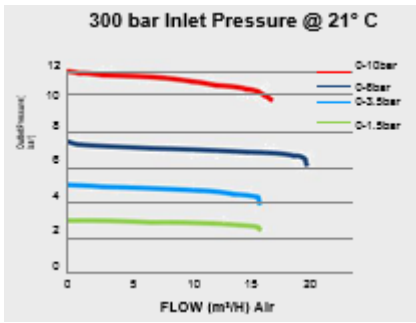
Seat: Polyamide (Nylon®)

Filter: 10 Micron 316L Stainless Steel

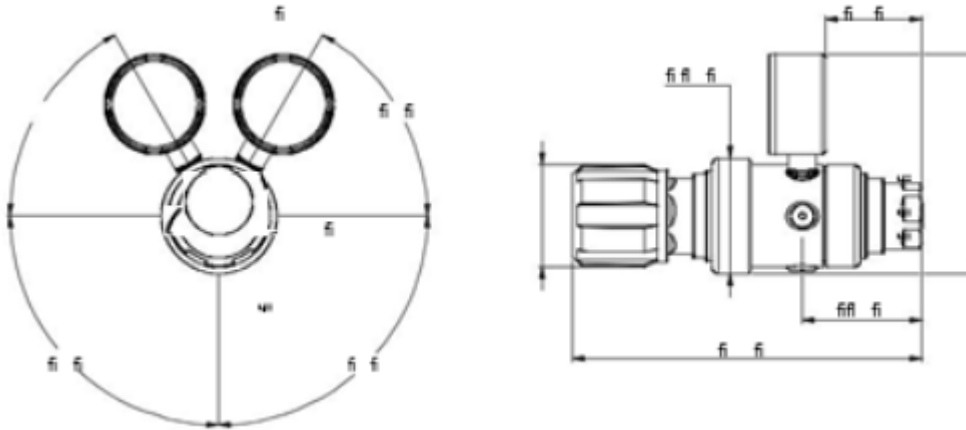
Features

- Five port configuration
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Base and side entry

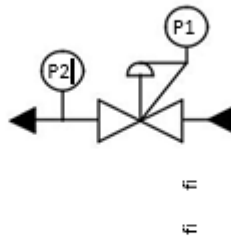
Flow Performance



Dimensions



Process & Instrumentation



- Adjustable Pressure Regulator with P1 Pressure Gauge



- P2 Pressure Gauge