



Spec Master HPL600 Series

6.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm Line Regulator

Regulator



The **Spec Master HPL600** Series single stage diaphragm line regulators are designed for secondary pressure gas control of non-corrosive or toxic, high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems.

■ **HPL600** Series | Single Stage Diaphragm Line Regulator

★ FEATURES

- Four 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

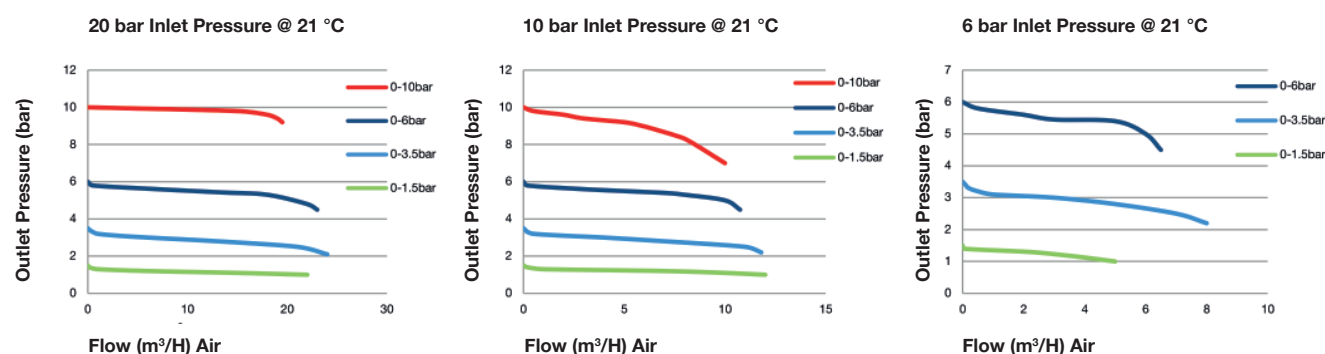
📁 MATERIAL

■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Diaphragm	316L Stainless Steel
■ Seal	PTFE
■ Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

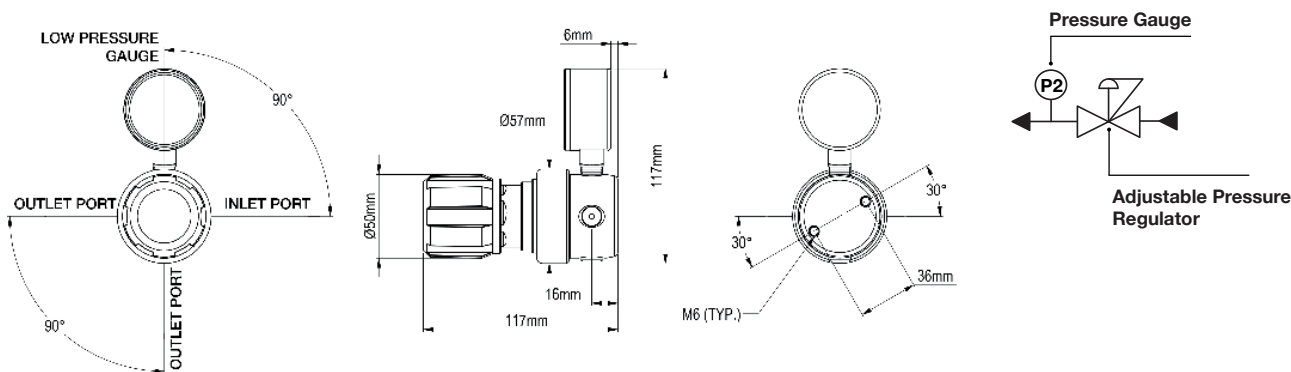
👍 SPECIFICATION

■ 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	-35° C to +60° C (-31° F to +140° F)
■ Helium Leak Integrity	1 x 10 ⁻⁹ mbar l/s
■ Weight	1.1 kg (2.5 lb)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPL600 Series

HPL600-	03-	02-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [Psig]	Outlet Pressure Bar [Psig]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
HPL600	03 207 [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
		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]		10 Plugged port	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	L Panel Mount Locking Nut Kit
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H Brass Male	P Calibration/Pressure Test certificate
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	X Special Instruction
						09 Isolation Valve, 1/4 NPT Female, FKM Seal	
						10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
						11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
						12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
						13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
						14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
						15 Isolation Valve, 6 mm Stainless Steel Compression, FKM Seal	
						16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
						17 Isolation Valve, 1/4 NPT Male, FKM Seal	
						18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						19 Isolation Valve, G3/8 BSP R/H Brass Male, FKM Seal	
						20 Isolation Valve, G3/8 BSP R/H Brass Male, EPDM Seal	
						21 Isolation Valve, G3/8 BSP L/H Brass Male, FKM Seal	
						22 Isolation Valve, G3/8 BSP L/H Brass Male, EPDM Seal	