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Lab Master LGL500 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Line Regulator

Regulator



The Lab Master LGL500 Series single stage diaphragm line regulators are designed for secondary pressure gas control of non-corrosive or toxic, high purity gases up to grade 5.0 purity (99.999%), on gas distribution systems.

■ **LGL500 Series** | Single Stage Diaphragm Line Regulator

★ FEATURES

- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

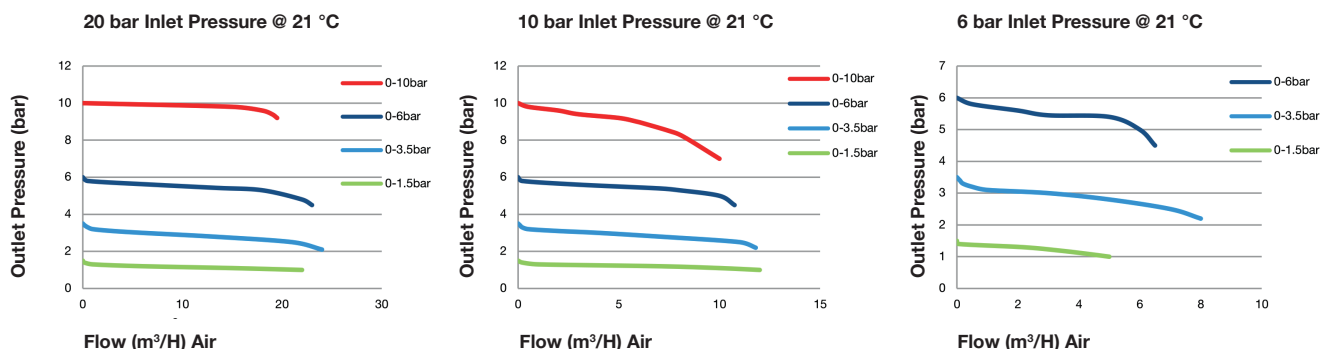
🔧 MATERIAL

- | | |
|-------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Seal | PTFE |
| ■ Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

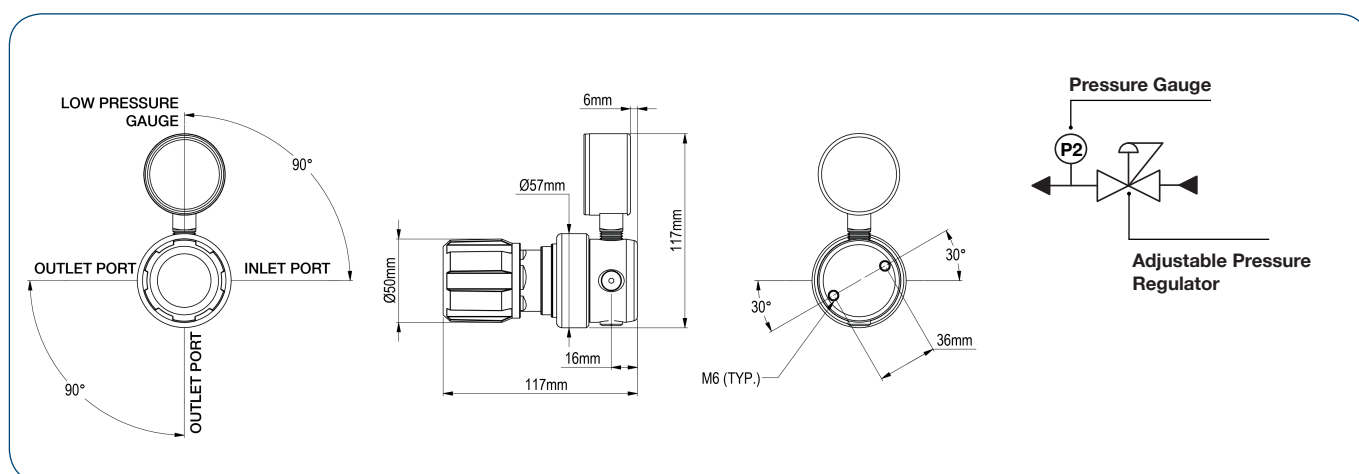
👍 SPECIFICATION

- | | |
|---------------------------|--|
| ■ Maximum Inlet Pressure | 60 bar (870 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 |
| ■ Weight | 1.1 kg (2.5 lb) |

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGL500 Series

LGL500-	02-	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
LGL500	02 60 [870]	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	K Certificate of Conformity (CoC)
		04 0 to 6 [90]		10 Plugged port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					006 G1/2 BSP R/H Brass Male	06 G1/2 BSP R/H Brass Male	
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H Brass Male	
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	
						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	

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Lab Master LGL510 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm Line
Regulator for Acetylene

Regulator



The Lab Master LGL510 Series single stage diaphragm line regulators are designed for secondary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on gas distribution systems.

■ **LGL510 Series** | Single Stage Diaphragm Line Regulator – Acetylene

★ FEATURES

- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

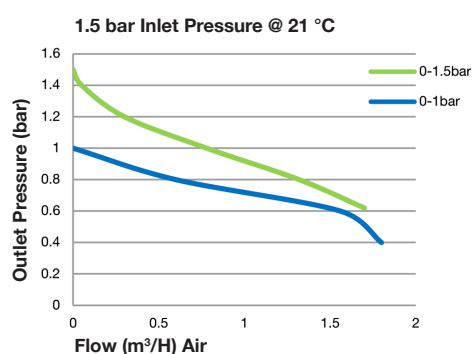
🔧 MATERIAL

■ Body	Nickel Plated Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	316L Stainless steel
■ Seal	PTFE
■ Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

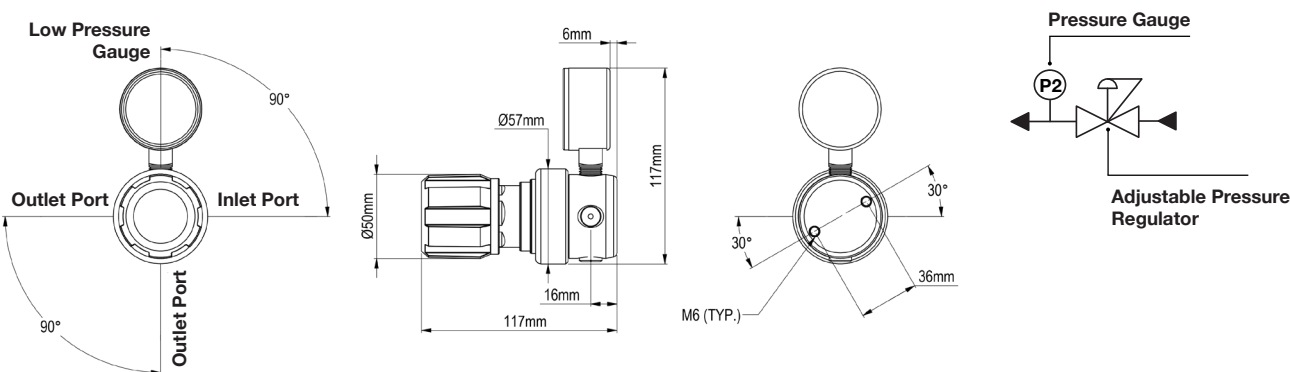
👍 SPECIFICATION

■ Maximum Inlet Pressure	1.5 bar (22 PSI)
■ Delivery Pressure Range	1.0 bar (15 PSI) 1.5 bar (22 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
■ Weight	1.1 kg (2.5 lb)

✓ FLOW PERFORMANCE



DRAWINGS



1 2 3 MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGL510 Series

LGL510-	07-	02-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
LGL510	07 1.5 [22]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]		01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
				10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	
						10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
						12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
						14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
						16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
						18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						22 Isolation Valve, G3/8 BSP R/H Brass Male, EPDM Seal	

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www.esabspecgas.com



Lab Master LGP500 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Outlet Point Regulator



The Lab Master LGP500 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of non-corrosive or toxic, high purity gases up to grade 5.0 purity (99.999%), on gas distribution systems.

■ **LGP500 Series** | Single Stage Diaphragm Outlet Point Regulator

★ FEATURES

- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Rear entry

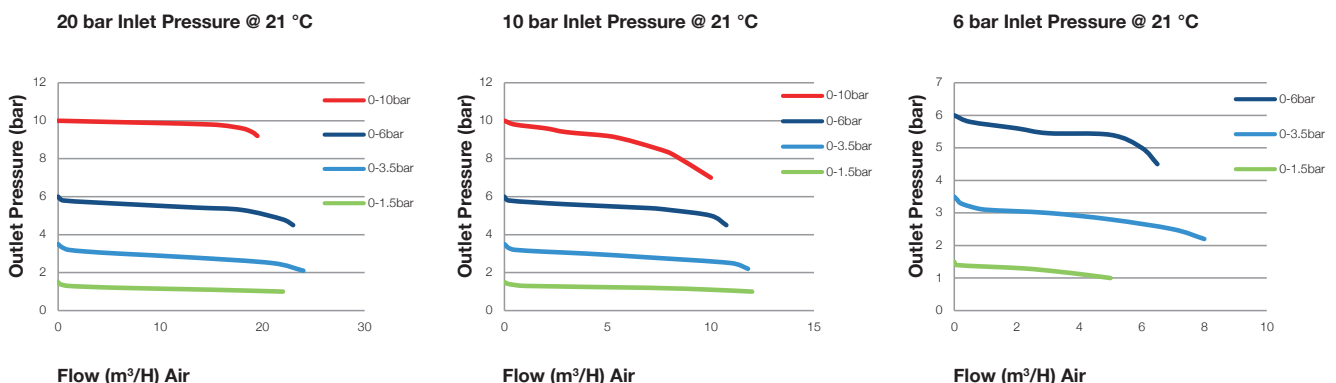
🔧 MATERIAL

- | | |
|-------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Seal | PTFE |
| ■ Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

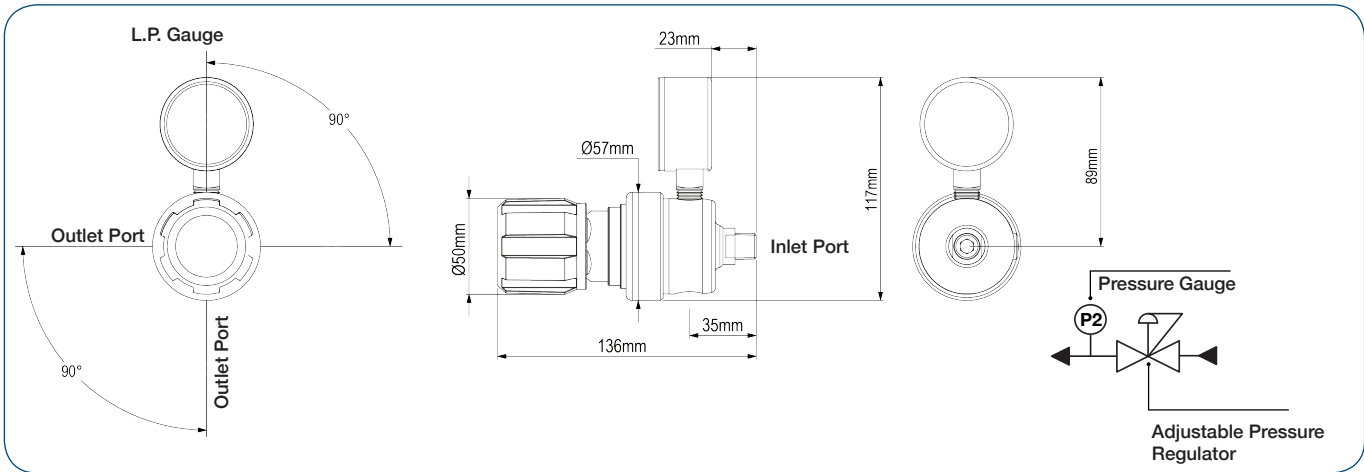
👍 SPECIFICATION

- | | |
|---------------------------|--|
| ■ Maximum Inlet Pressure | 60 bar (870 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 | Inlet: 1/4" NPT Female
Outlet: 1/4" NPT Male |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Weight | 1.2 kg (2.7 lb) |

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGP500 Series

LGP500-	02-	02-	00-	00-	004-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
LGP500	02 60 bar [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	004 1/4 NPT Male	00 1/4 NPT Female	A No Options Selected
		03 0 to 3.5 [50]		01 bar/PSI		01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
		04 0 to 6 [90]		10 Plugged Port		02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
		05 0 to 10 [150]				03 6mm Stainless Steel Compression	X Special Instruction
						04 1/4 NPT Male	
						06 G1/2 BSP R/H Brass Male	
						07 G3/8 BSP R/H Brass Male	
						08 G3/8 BSP L/H Brass Male	

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CHROMATOGRAPHY

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Lab Master LGP510 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Outlet Point Regulator – Acetylene

Regulator



The Lab Master LGP510 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on gas distribution systems.

■ **LGP500 Series** | Single Stage Diaphragm Outlet Point Regulator - Acetylene

★ FEATURES

- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of outlet fittings
- Rear entry

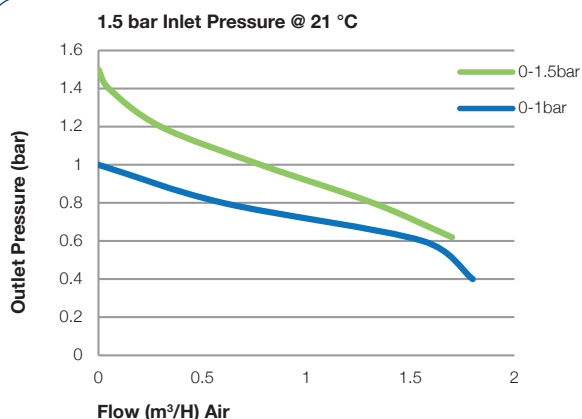
🔧 MATERIAL

- | | |
|-------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Seal | PTFE |
| ■ Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

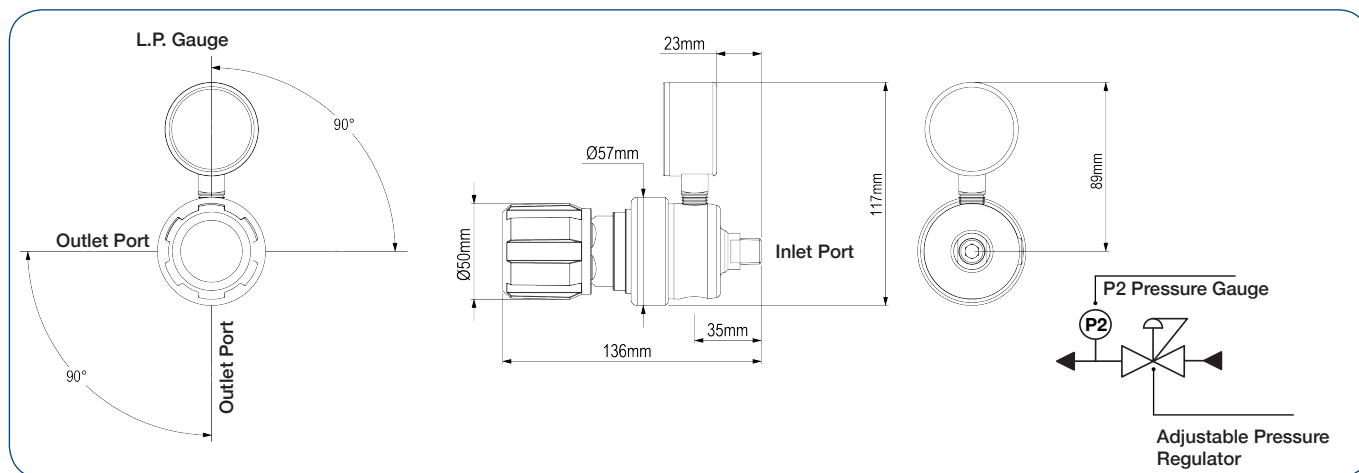
👍 SPECIFICATION

- | | |
|---------------------------|---|
| ■ Maximum Inlet Pressure | 1.5 bar (22 PSI) |
| ■ Delivery Pressure Range | 1.0 bar (22 PSI)
1.5 bar (50 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | Inlet: 1/4" NPT Male
Outlet: 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Weight | 1.2 kg (2.7 lb) |

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGP510 Series

LGP510-	07-	02-	00-	00-	004-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
LGP510	07 1.5 bar [22]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	004 1/4 NPT Male	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]		01 bar/PSI		01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
				10 Plugged Port		02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
						03 6mm Stainless Steel Compression	X Special Instruction
						04 1/4 NPT Male	
						08 G3/8 BSP L/H Brass Male	

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Lab Master LGS500 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator



The Lab Master LGS500 Series single stage diaphragm cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 5.0 purity (99.999%), on applications where slight variation from decreasing cylinder pressure is acceptable.

- **LGS501 Series** | Single Stage Diaphragm Cylinder Regulator, FKM Pressure Relief Valve
- **LGS502 Series** | Single Stage Diaphragm Cylinder Regulator, EPDM Pressure Relief Valve

★ FEATURES

- Six port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

🔧 MATERIAL

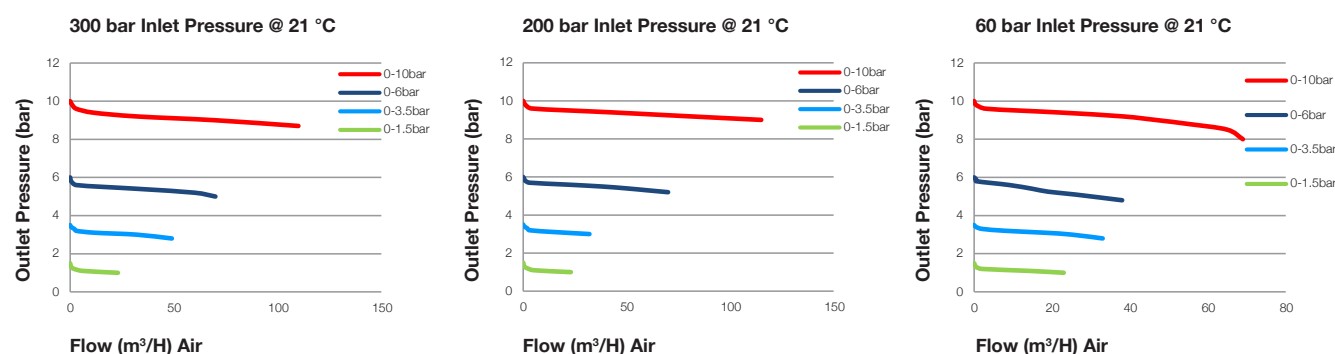
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|---------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Bonnet Seal | PTFE |
| ■ Seal | FKM / EPDM |
| ■ Valve Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

👍 SPECIFICATION

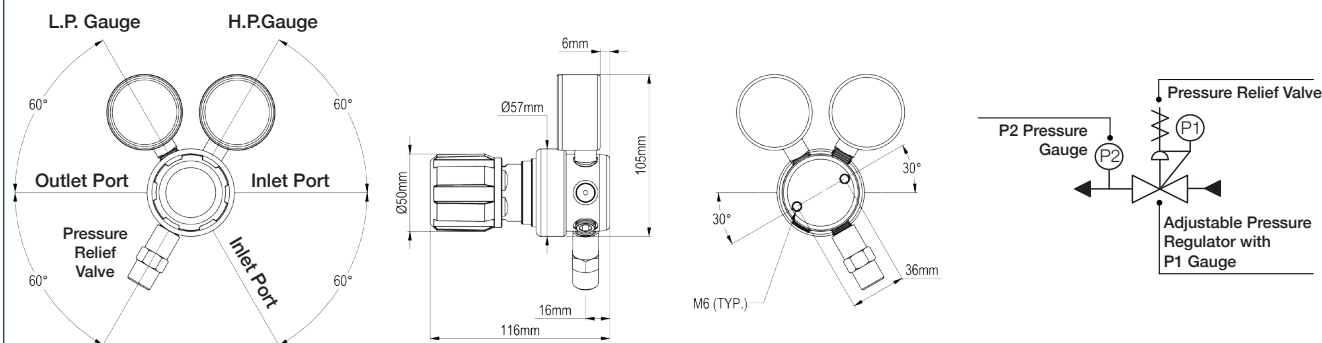
- | | |
|---------------------------|--|
| ■ Maximum Inlet Pressure | 60 bar (870 PSI)
300 bar (4350 PSI) * |
| ■ Delivery Pressure Range | 1.5 bar (22 PSI)
3.5 bar (50 PSI)
6 bar (90 PSI)
10 bar (150 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Weight | 1.2 kg (2.7 lb) ** |

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGS500 Series

LGS501-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
LGS501	02 60 [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted	00 Ohne Verschraubung (1/4" NPT F)	A No Options Selected
LGS502	04 300 [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
		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	
					009 BS341 No.3 (Base Entry)	09 Isolation Valve, 1/4 NPT Female, FKM Seal	
					010 BS341 No.3	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					012 BS341 No.4	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					015 BS341 No.8	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					030 DIN477 No.6	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					033 DIN477 No.9	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					034 DIN477 No.10	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					045 CGA320	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					052 CGA540	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					053 CGA580	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
					For our complete range of cylinder connections refer to 'Cylinder Connections Data'	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	

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Lab Master LGS510 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator – Acetylene



The Lab Master LGS510 Series single stage diaphragm cylinder regulators are designed for primary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on applications where slight pressure variation from decreasing cylinder pressure is acceptable.

■ **LGS510 Series** | Single Stage Diaphragm Cylinder Regulator, EPDM Pressure Relief Valve

★ FEATURES

- Six port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

📦 MATERIAL

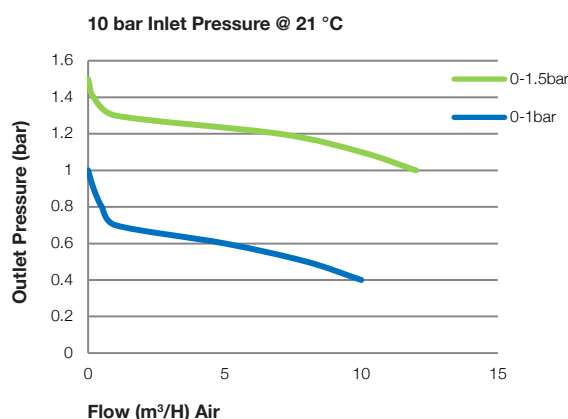
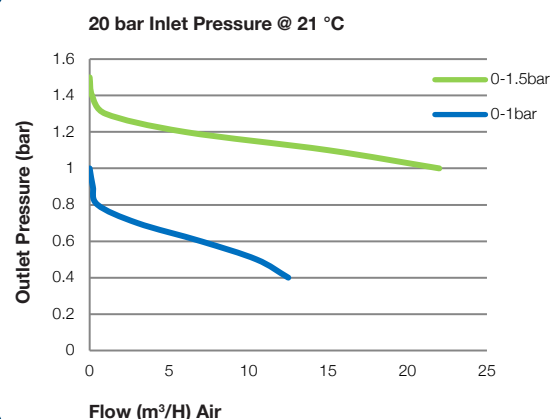
■ Body	Nickel Plated Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	316L Stainless Steel
■ Bonnet Seal	PTFE
■ Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

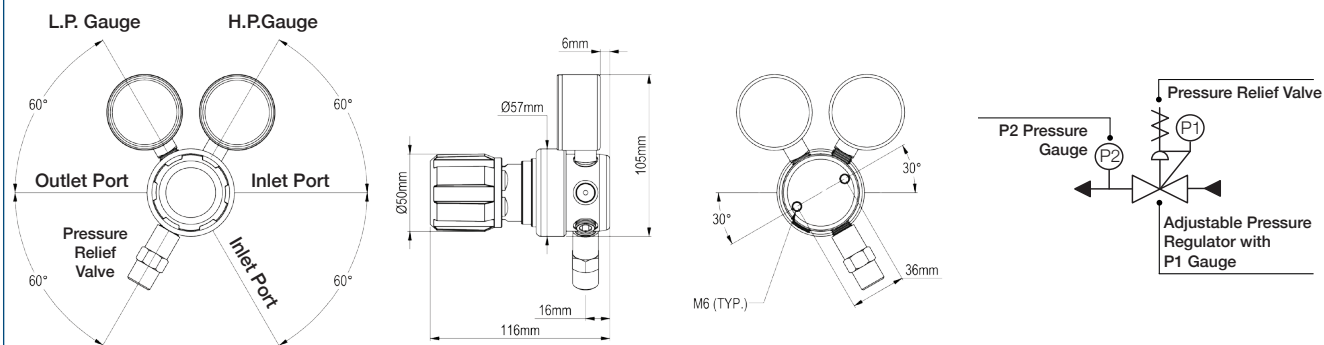
■ Maximum Inlet Pressure	25 bar (360 PSI)
■ Delivery Pressure Range	0 to 1 bar (15 PSI) 0 to 1.5 bar (22 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.2 kg (2.7 lb) **

** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGS510 Series

LGS510-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
LGS510	01 25 [360]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4" NPT Female	00 1/4" NPT Female	A No Options Selected
		02 0 to 1.5 [22]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
			10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
					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
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	X Special Instruction
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					027 DIN477 No.3	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					028 DIN477 No.3.1	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					050 CGA510	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					For our complete range of cylinder connections refer to 'Cylinder Connections Data'		

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Lab Master LGT500 Series

5.0 Purity Two Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator

Regulator



The Lab Master LGT500 Series two stage diaphragm cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 5.0 purity (99.999%), on applications where constant delivery pressure is required as cylinder pressure decreases.

- **LGT501 Series** | Two Stage Diaphragm Cylinder Regulator, FKM Seal, FKM Pressure Relief Valve
- **LGT502 Series** | Two Stage Diaphragm Cylinder Regulator, EPDM Seal, EPDM Pressure Relief Valve

★ FEATURES

- Six port configuration
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

🔧 MATERIAL

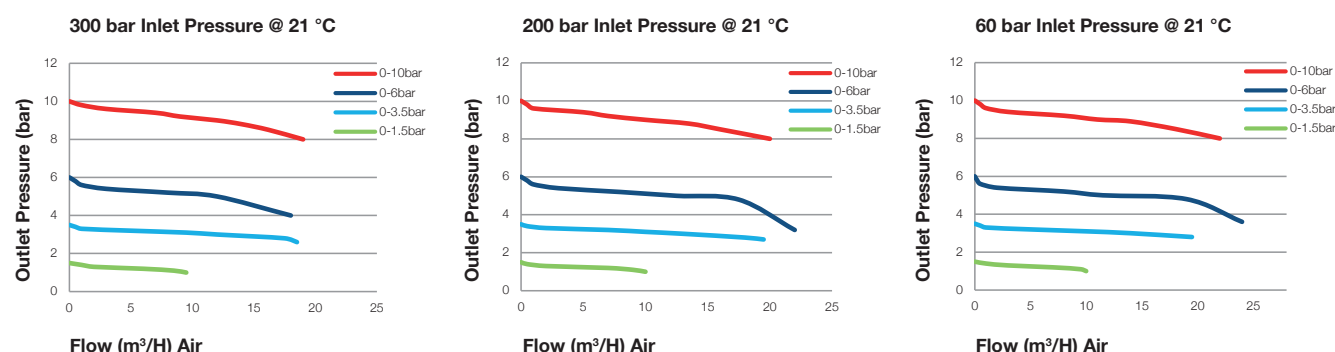
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|------------------------------|--------------------------------|
| ■ Body | Nickel Plated Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | 316L Stainless Steel |
| ■ Bonnet Seal | PTFE |
| ■ Pressure Relief Valve Seal | FKM / EPDM |
| ■ Valve Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

👍 SPECIFICATION

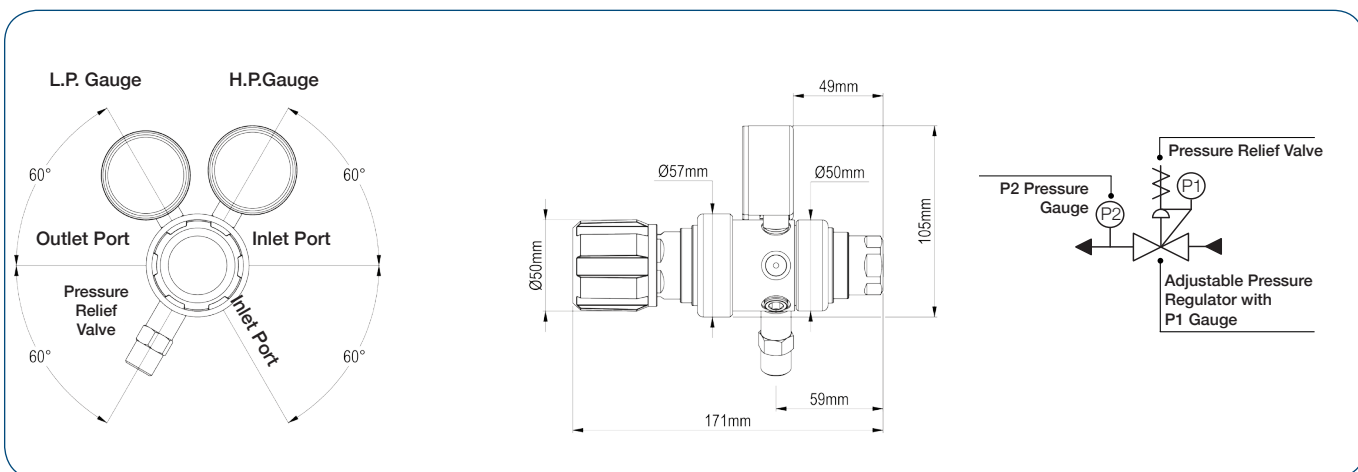
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|---------------------------|--|
| ■ Maximum Inlet Pressure | 60 bar (870 PSI)
300 bar (4350 PSI) * |
| ■ Delivery Pressure Range | 1.5 bar (22 PSI)
3.5 bar (50 PSI)
6 bar (90 PSI)
10 bar (150 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.079 |
| ■ Weight | 1.7 kg (3.8 lb) ** |

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGT500 Series

LGT501-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
LGT501	02 60 [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted	00 Ohne Verschraubung (1/4" NPT F)	A No Options Selected
LGT502	04 300 [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
		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	
					010 BS341 No.3	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					012 BS341 No.4	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					015 BS341 No.8	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					030 DIN477 No.6	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					033 DIN477 No.9	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					034 DIN477 No.10	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					045 CGA320	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					052 CGA540	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					053 CGA580	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
					For our complete range of cylinder connections refer to 'Cylinder Connections Data'	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	

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Lab Master LGT510 Series

5.0 Purity Two Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator – Acetylene



The Lab Master LGT510 Series two stage diaphragm cylinder regulators are designed for primary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on applications where constant delivery pressure is required as cylinder pressure decreases.

■ **LGT510 Series** | Two Stage Diaphragm Cylinder Regulator – Acetylene, EPDM Seal, EPDM Pressure Relief Valve

★ FEATURES

- Six port configuration
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

🔧 MATERIAL

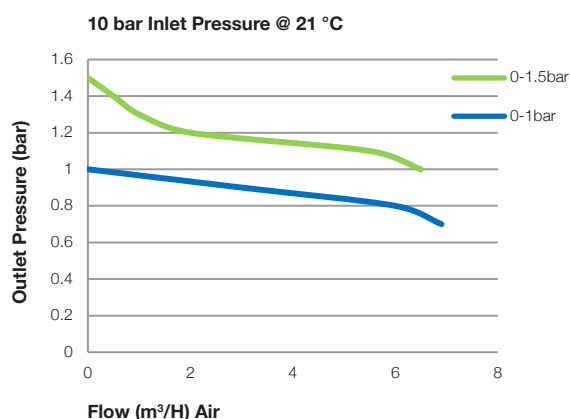
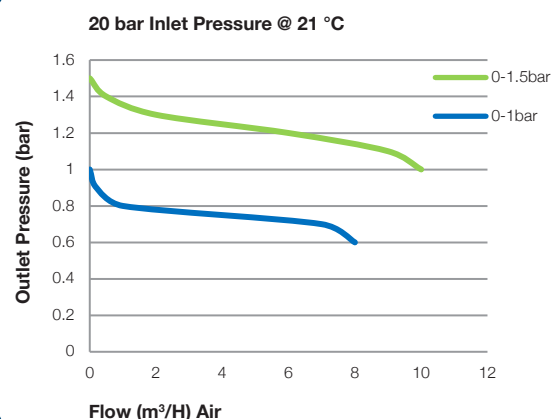
■ Body	Nickel Plated Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	316L Stainless Steel
■ Bonnet Seal	PTFE
■ Pressure Relief Valve Seal	EPDM
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

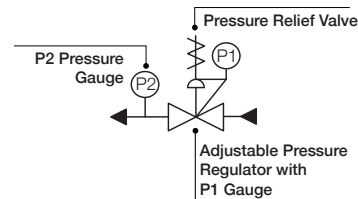
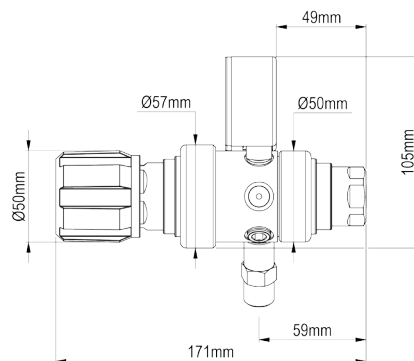
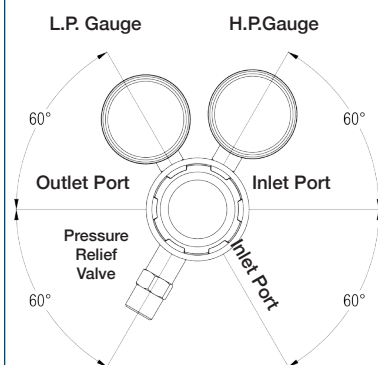
■ Maximum Inlet Pressure	25 bar (360 PSI)
■ Delivery Pressure Range	1.0 bar (15 PSI) 1.5 bar (22 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.079
■ Weight	1.7 kg (3.8 lb) **

** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGT510 Series

LGT510-	01-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
LGT510	01 25 [360]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4" NPT Female	00 1/4" NPT Female	A No Options Selected
		02 0 to 1.5 [22]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
			10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
					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
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	X Special Instruction
					011 BS341 No.4 (Base Entry)	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					012 BS341 No.4	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					027 DIN477 No.3	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					028 DIN477 No. 3.1	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					050 CGA 510	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
					For our complete range of cylinder connections refer to 'Cylinder Connections Data'	22 Isolation Valve, G3/8 BSP L/H Brass Male, EPDM Seal	

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Spec Master HPL620 Series

6.0 Purity Single Stage Nickel Plated Brass Barstock
Piston Line Regulator



The Spec Master HPL620 Series single stage piston 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.

- **HPL621** Series | Single Stage Piston Line Regulator, FKM Seal
- **HPL622** Series | Single Stage Piston Line Regulator, EPDM Seal

★ FEATURES

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

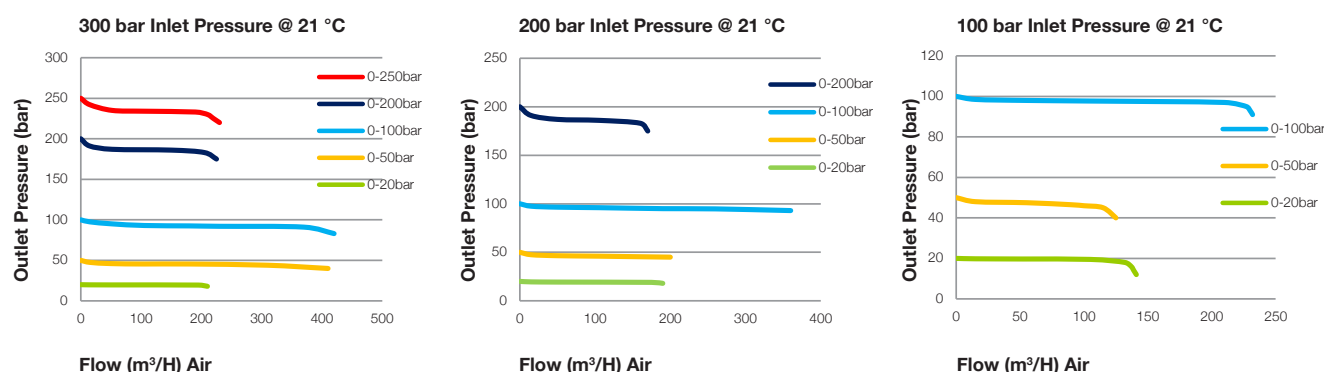
🔧 MATERIAL

■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Piston	Brass
■ Seal	FKM / EPDM
■ Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

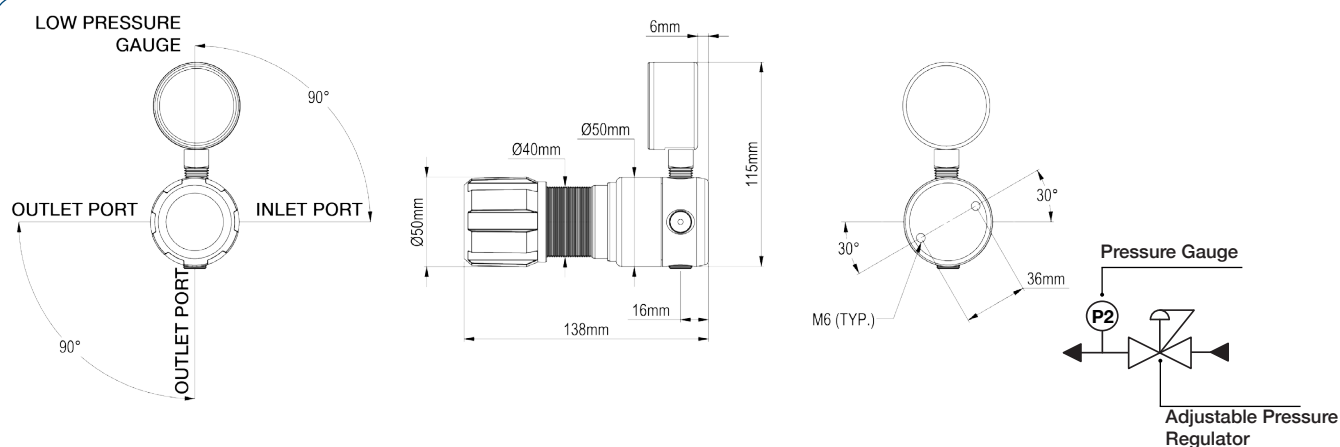
👍 SPECIFICATION

■ Maximum Inlet Pressure	300 bar (4350 PSI)
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI) 100 bar (1450 PSI) 200 bar (2900 PSI) 250 bar (3625 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	1 x 10 ⁻⁹ mbar l/s
■ Weight	1.4 kg (3.1 lb)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPL620 Series

HPL621-	04-	07-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
HPL621	04 300 bar [4350]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
HPL622		10 0 to 50 [725]		01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Kit
		11 0 to 100 [1450]		10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	G Helium Test Certificate
		12 0 to 200 [2900]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	K Certificate of Conformity (CoC)
		13 0 to 250 [3625]			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, 6mm 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	

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Spec Master HPS600 Series

6.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator

Regulator



The 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

★ 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

🔧 MATERIAL

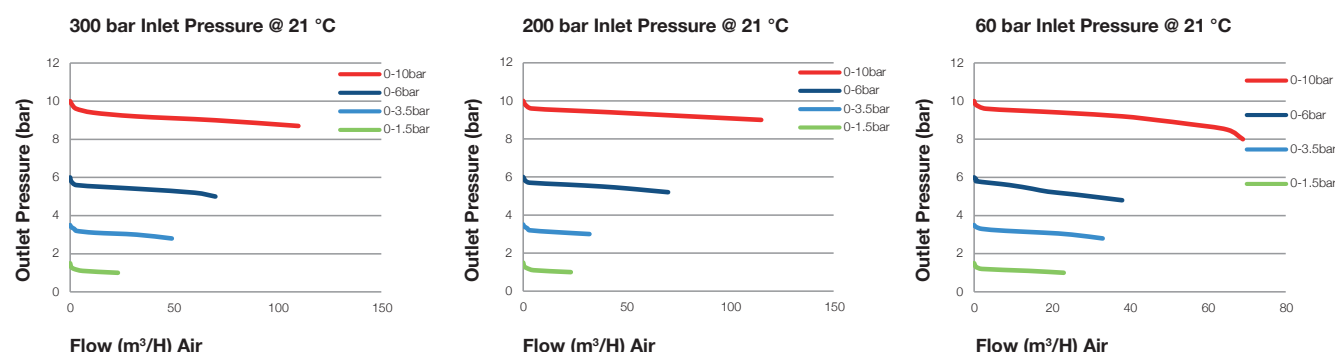
■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Diaphragm	316L Stainless Steel
■ Bonnet Seal	PTFE
■ Valve Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

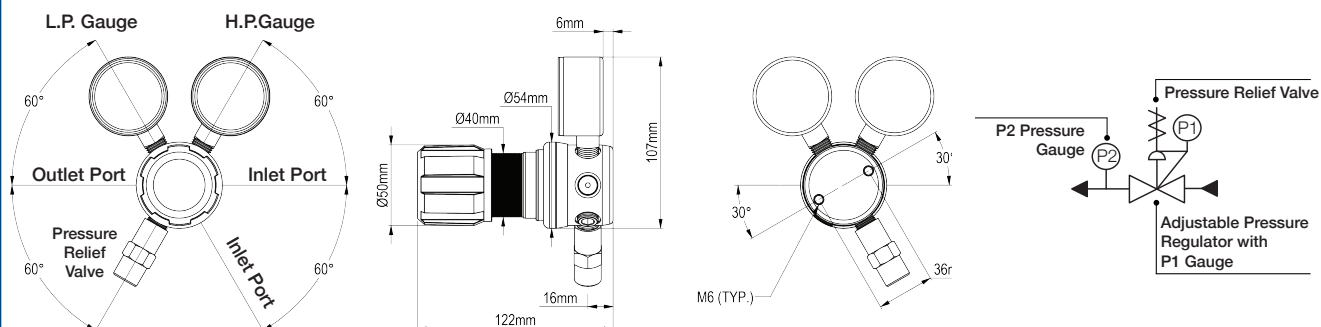
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	1.5 bar (22 PSI) 3.5 bar (50 PSI) 6 bar (90 PSI) 10 bar (150 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Helium Leak Integrity	1 x 10 ⁻⁹ mbar l/s
■ Weight	1.2 kg (2.7 lb) **

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



1 2 3 MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPS600 Series

HPS600-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressurek Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
HPS600	02 60 [870]	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
	04 300 [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	F Bonnet Vent Capture Kit
					004 1/4 NPT Male	04 1/4 NPT Male	G Helium Test Certificate
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H, Brass, Male	K Certificate of Conformity (CoC)
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	L Panel Mount Locking Nut Kit
					010 BS341 No.3	09 Isolation Valve, 1/4 NPT Female, FKM Seal	P Calibration / Pressure Test Certificate
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	X Special Instruction
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'ICONGEN'	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	

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Spec Master HPS620 Series

6.0 Purity Single Stage Nickel Plated Brass Barstock
Piston Cylinder Regulator



The Spec Master HPS620 Series single stage Piston 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.

- **HPS621** Series | Single Stage Piston Cylinder Regulator, FKM Seal
- **HPS622** Series | Single Stage Piston Cylinder Regulator, EPDM Seal

★ 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

🔧 MATERIAL

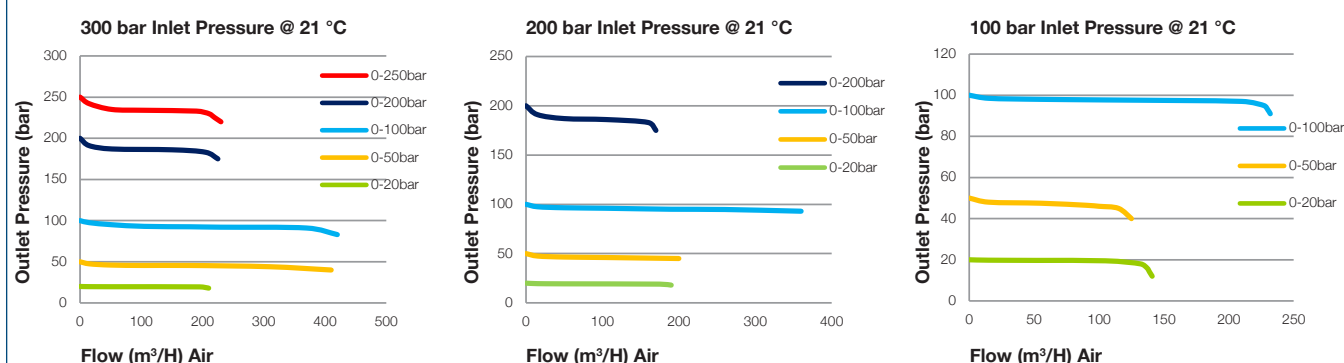
■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Piston	Brass
■ Bonnet Seal	FKM / EPDM
■ Valve Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

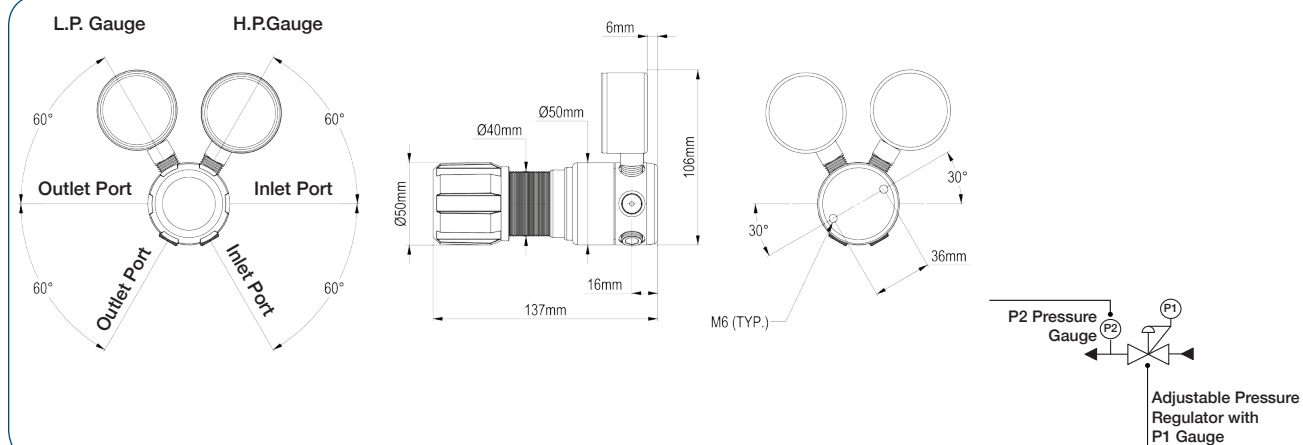
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI) 100 bar (1450 PSI) 200 bar (2900 PSI) 250 bar (3625 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Helium Leak Integrity	1 x 10 ⁻⁹ mbar l/s
■ Weight	1.4 kg (3.1 lb) **

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPS620 Series

HPS621-	02-	07-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
HPS621	02 60 [870]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
HPS622	04 300 [4350]	10 0 to 50 [725]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
		11 0 to 100 [1450]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
		12 0 to 200 [2900]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	F Bonnet Vent Capture Kit
		13 0 to 250 [3625]			004 1/4 NPT Male	04 1/4 NPT Male	G Helium Test Certificate
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H, Brass, Male	K Certificate of Conformity (CoC)
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	L Panel Mount Locking Nut Kit
					010 BS341 No.3	09 Isolation Valve, 1/4 NPT Female, FKM Seal	P Calibration / Pressure Test Certificate
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	X Special Instruction
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'Cylinder Connections Data'	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	

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Spec Master HPT600 Series

6.0 Purity Two Stage Nickel Plated Brass Barstock Diaphragm
Cylinder Regulator



The Spec Master HPT600 Series two 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 constant delivery pressure is required as the cylinder pressure decreases.

- **HPT601** Series | Two Stage Diaphragm Cylinder Regulator, FKM Seal, FKM Pressure Relief Valve
- **HPT602** Series | Two Stage Diaphragm Cylinder Regulator, EPDM Seal, EPDM Pressure Relief Valve

★ FEATURES

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

🔧 MATERIAL

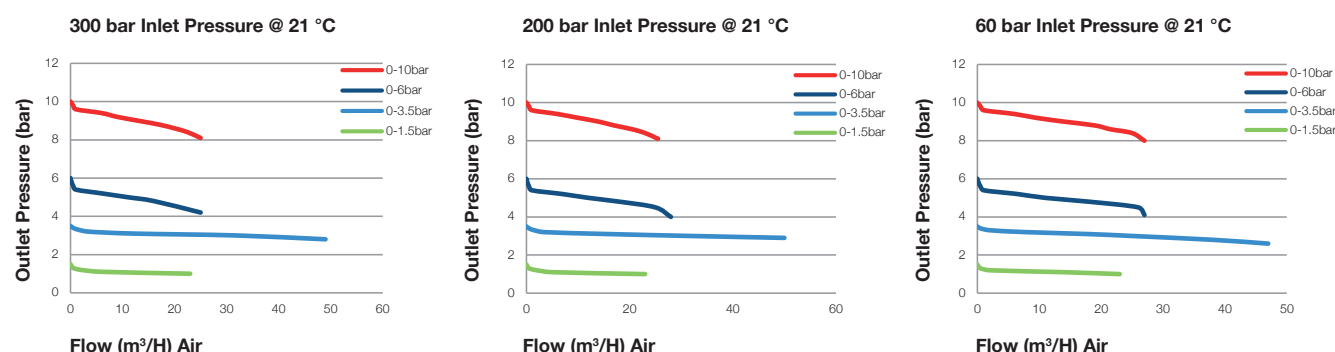
■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Diaphragm	316L Stainless Steel
■ Bonnet Seal	PTFE
■ Seal	FKM / EPDM
■ Valve Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

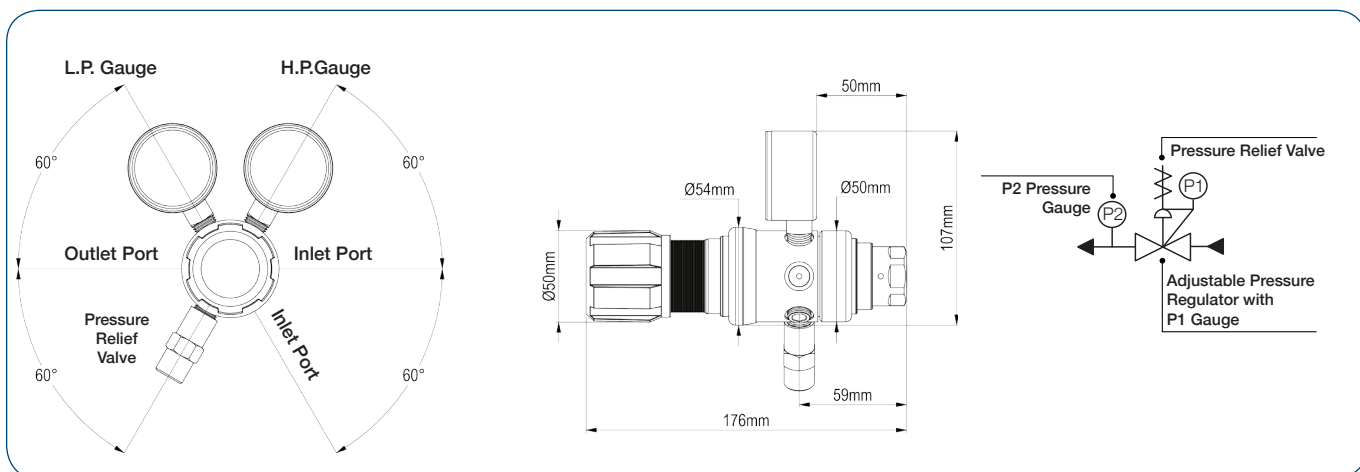
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	1.5 bar (22 PSI) 3.5 bar (50 PSI) 6 bar (90 PSI) 10 bar (150 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.079
■ Helium Leak Integrity	1 x 10 ⁻⁹ mbar l/s
■ Weight	2.0 kg (4.4 lb) **

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPT600 Series

HPT601-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
HPT601	02 60 [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted (1/4 NPT F)	00 No Inlet Fitted (1/4 NPT F)	A No Options Selected
HPT602	04 300 [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	F Bonnet Vent Capture Kit
					004 1/4 NPT Male	04 1/4 NPT Male	G Helium Test Certificate
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H, Brass, Male	K Certificate of Conformity (CoC)
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	L Panel Mount Locking Nut Kit
					010 BS341 No.3	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	P Calibration / Pressure Test Certificate
					012 BS341 No.4	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	X Special Instruction
					015 BS341 No.8	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					030 DIN477 No.6	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					033 DIN477 No.9	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					034 DIN477 No.10	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					045 CGA320	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					052 CGA540	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					053 CGA580	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
					For our complete range of cylinder connections refer to 'Spec Master Cylinder Connections Data Sheet'	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	

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Spec Master HPT620 Series

6.0 Purity Two Stage Nickel Plated Brass Barstock Piston
Cylinder Regulator



The Spec Master HPT620 Series two stage piston 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 constant delivery pressure is required as the cylinder pressure decreases.

- **HPT621** Series | Two Stage Piston Cylinder Regulator, FKM Seal
- **HPT622** Series | Two Stage Piston Cylinder Regulator, EPDM Seal

★ FEATURES

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

🔧 MATERIAL

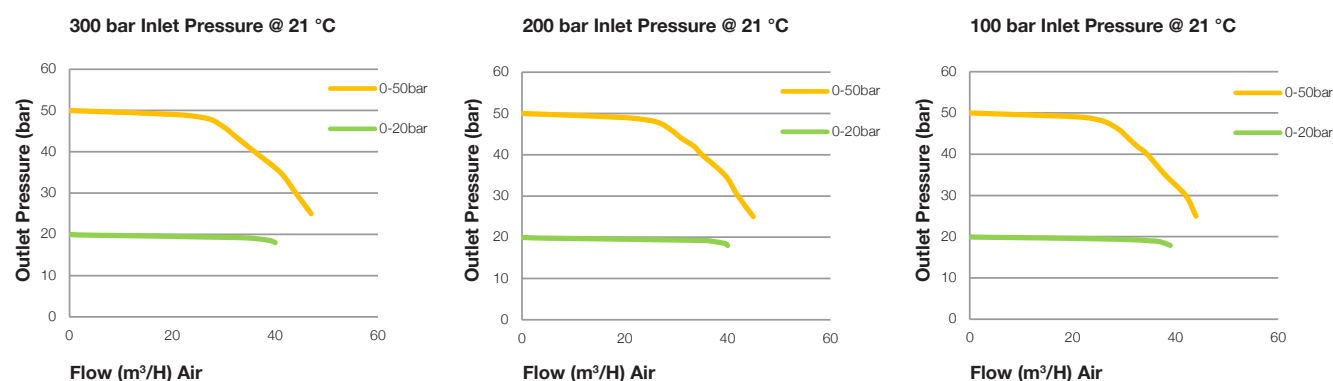
■ Body	Nickel Plated Brass Barstock
■ Bonnet	Nickel Plated Brass Barstock
■ Piston	Brass
■ Seal	FKM / EPDM
■ Valve Seat	PCTFE
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

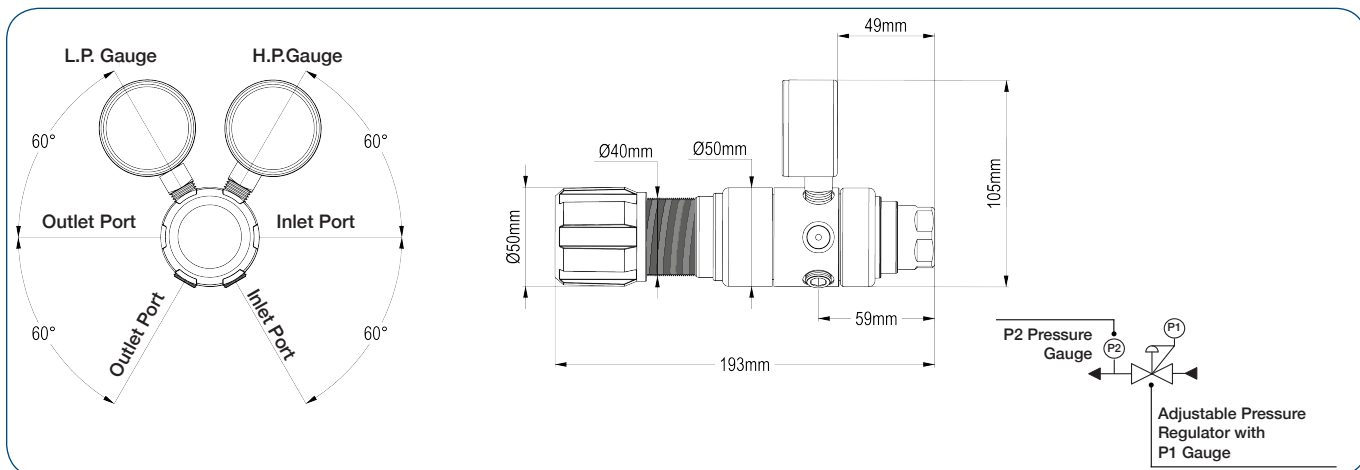
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.079
■ Helium Leak Integrity	1 x 10 ⁻⁹ mbar l/s
■ Weight	2.0 kg (4.4 lb) **

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPT620 Series

HPT621-	04-	07-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
HPT621	02 60 [870]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
HPT622	04 300 [4350]	10 0 to 50 [725]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	B Regulator Tee Purge FKM
			10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	C Regulator Tee Purge EPDM
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	F Bonnet Vent Capture Kit
					004 1/4 NPT Male	04 1/4 NPT Male	G Helium Test Certificate
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H, Brass, Male	K Certificate of Conformity (CoC)
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H, Brass, Male	L Panel Mount Locking Nut Kit
					010 BS341 No.3	09 Isolation Valve, 1/4 NPT Female, FKM Seal	P Calibration / Pressure Test Certificate
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	X Special Instruction
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'Spec Master Cylinder Connections Data Sheet'	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	

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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

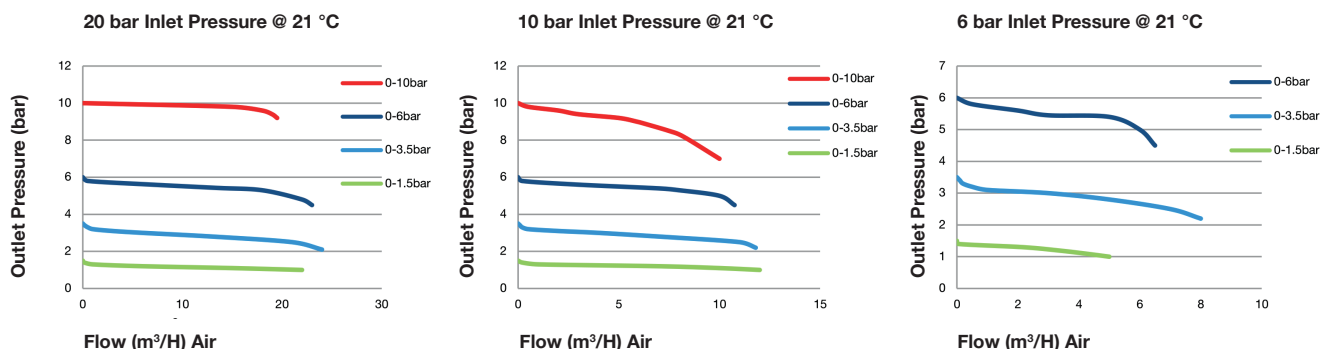
🔧 MATERIAL

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

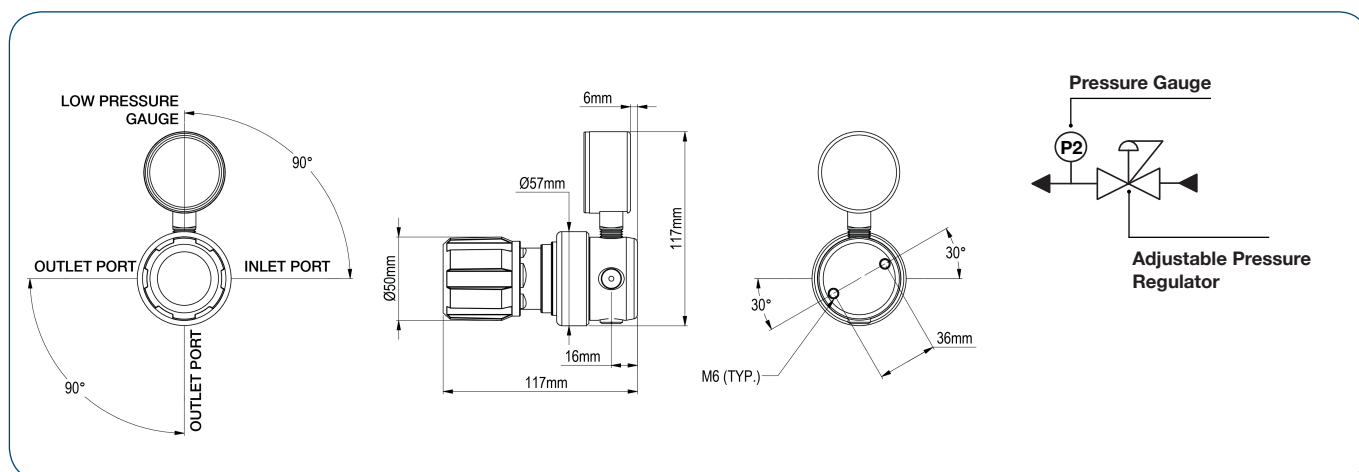
👍 SPECIFICATION

- | | |
|---------------------------|--|
| ■ 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 | -20° C to +60° C (-4° F to +140° F) |
| ■ Helium Leak Integrity | 1 x 10 ⁻⁹ mbar l/s |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ 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	

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Tech Master GPL400 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Line Regulator



The **Tech Master GPL400** Series single stage diaphragm line regulators are designed for secondary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on gas distribution systems.

■ **GPL400** Series | Single Stage Diaphragm Line Regulator

★ FEATURES

- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings

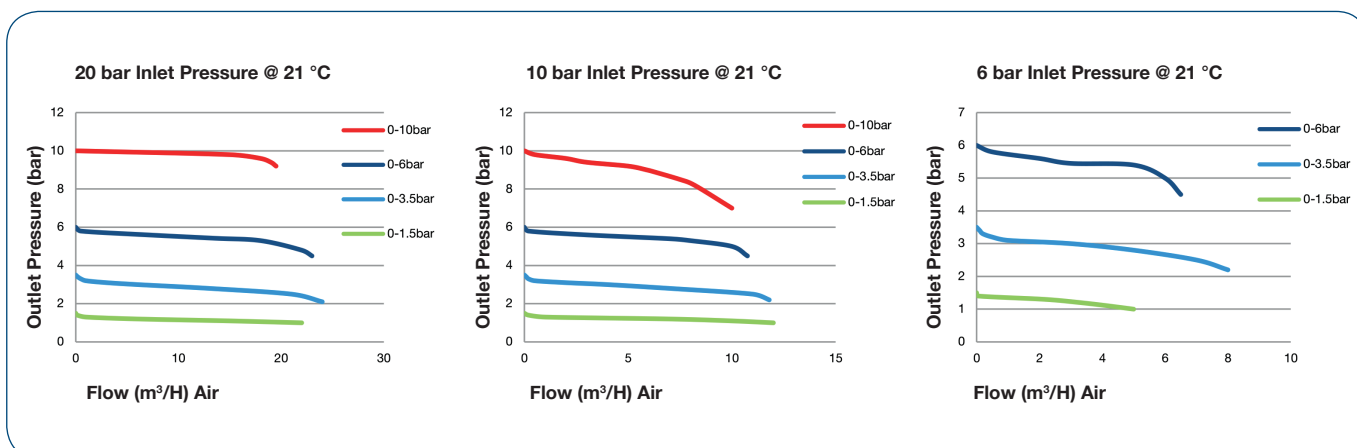
🔧 MATERIAL

- **Body** Brass Barstock
- **Bonnet** High Strength Alloy
- **Diaphragm** Polychloroprene (Neoprene®) (CR)
- **Seat** Polyamide (Nylon®)
- **Filter** 10 Micron 316L Stainless Steel

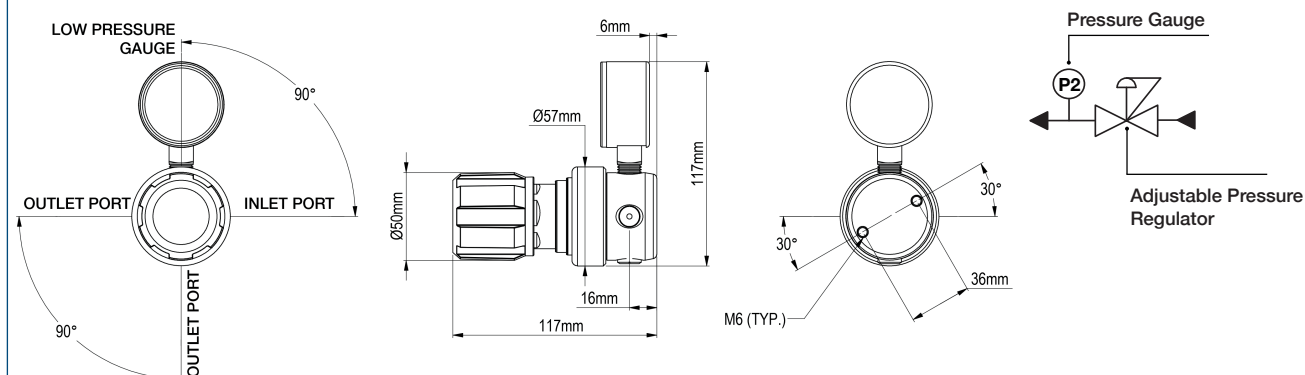
👍 SPECIFICATION

- **Maximum Inlet Pressure** 60 bar (870 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
- **Weight** 1.1 kg (2.5 lb)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPL400 Series

GPL400-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
GPL400	02 60 [870]	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	K Certificate of Conformity
		04 0 to 6 [90]		10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration/ Pressure Test Certificate
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					006 G1/2 BSP R/H, Brass, Male	05 1/4 SAE Flare Brass Male	
					007 G3/8 BSP R/H Brass Male	06 G1/2 BSP R/H, Brass, Male	
					008 G3/8 BSP L/H Brass Male	07 G3/8 BSP R/H, Brass, Male	
						08 G3/8 BSP L/H, Brass, Male	
						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, 6mm 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	

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Tech Master GPL410 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Line Regulator for Acetylene



The Tech Master GPL410 Series single stage diaphragm line regulators are designed for secondary pressure gas control of technical grade Acetylene gas up to 4.5 purity (99.995%), on gas distribution systems.

■ **GPL410 Series** | Single Stage Diaphragm Line Regulator – Acetylene

★ FEATURES

- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings

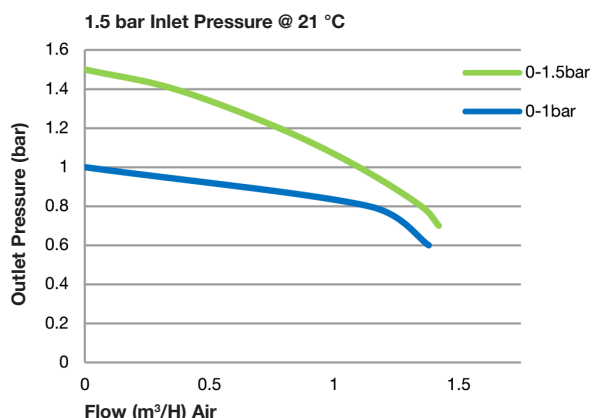
🔧 MATERIAL

■ Body	Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	Polychloroprene (Neoprene®) (CR)
■ Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

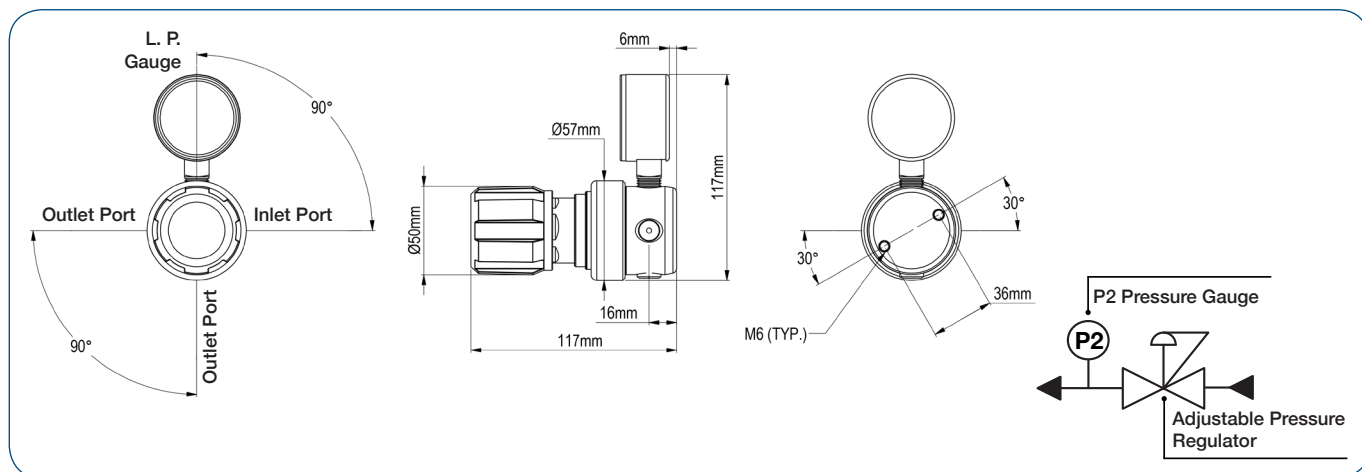
👍 SPECIFICATION

■ Maximum Inlet Pressure	1.5 bar (22 PSI)
■ Delivery Pressure Range	1.0 bar (15 PSI) 1.5 bar (22 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
■ Weight	1.1 kg (2.5 lbs)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPL410 Series

GPL410-	01-	02-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPL410	07 1.5 [22]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]		01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
				10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	
						10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
						12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
						14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
						16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
						18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						22 Isolation Valve, G3/8 BSP R/H Brass Male, EPDM Seal	

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Tech Master GPL420 Series

4.5 Purity Single Stage Brass Barstock Piston Line Regulator



The Tech Master GPL420 Series single stage piston line regulators are designed for secondary pressure gas control of non-corrosive or toxic, technical grade gases up to grade 4.5 purity (99.995%), on gas distribution systems.

- **GPL421** Series | Single Stage Piston Line Regulator, FKM Seal
- **GPL422** Series | Single Stage Piston Line Regulator, EPDM Seal



FEATURES

- Four port configuration
- Front & rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry



MATERIAL

■ Body	Brass Barstock
■ Bonnet	Brass Barstock
■ Piston	Brass
■ Seal	FKM / EPDM
■ Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

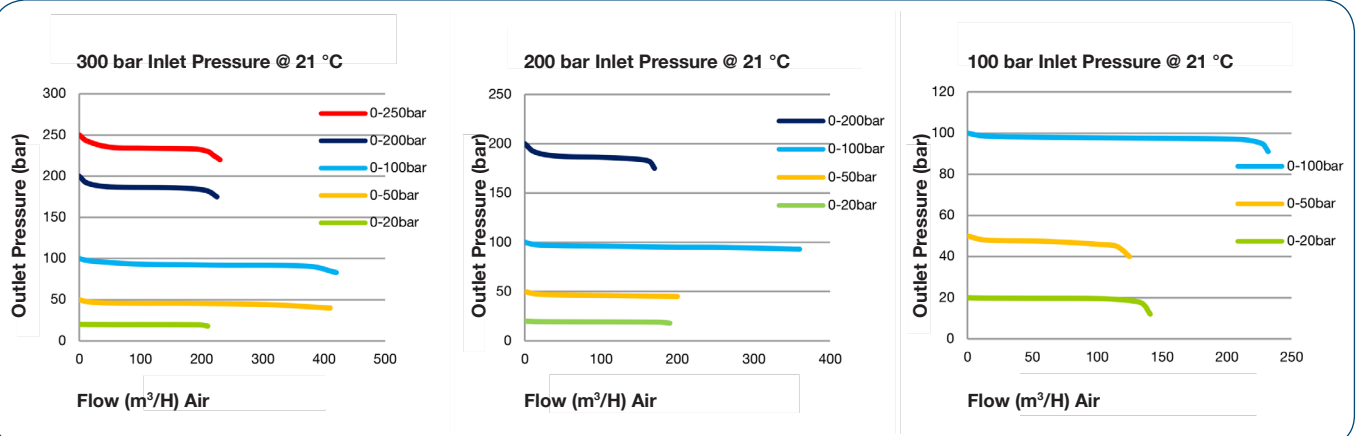


SPECIFICATION

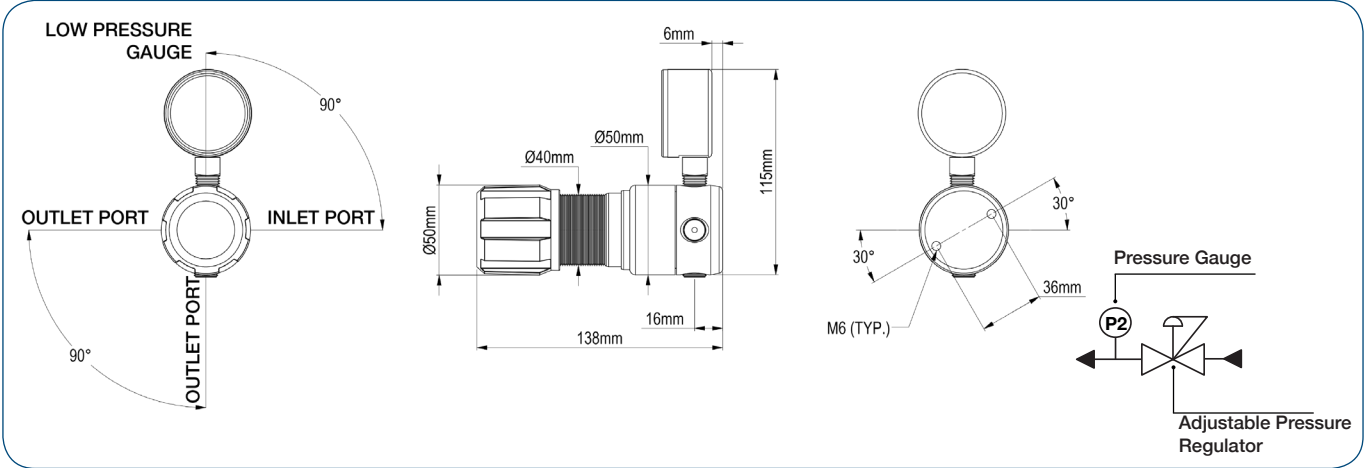
■ Maximum Inlet Pressure	300 bar (4350 PSI)
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI) 100 bar (1450 PSI) 200 bar (2900 PSI) 250 bar (3625 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.4 kg (3.1 lb)



FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPL420 Series

GPL421-	04-	07-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPL421	04 300 bar [4350]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
GPL422		10 0 to 50 [725]		01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Kit
		11 0 to 100 [1450]		10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	K Certificate of Conformity (CoC)
		12 0 to 200 [2900]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	L Panel Mount Locking Nut Kit
		13 0 to 250 [3625]			004 1/4 NPT Male	04 1/4 NPT Male	P Calibration / Pressure Test Certificate
					007 G3/8 BSP R/H Brass Male	05 1/4 SAE Flare Brass Male	X Special Instruction
					008 G3/8 BSP L/H Brass Male	06 1/2 BSP Brass Male	
						07 G3/8 BSP R/H Brass Male	
						08 G3/8 BSP L/H Brass Male	
						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, 6mm 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	

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Tech Master GPP400 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Outlet Point Regulator

Regulator



The Tech Master GPP400 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of non-corrosive or toxic, technical grade gases up to grade 4.5 purity (99.995%), on gas distribution systems.

■ **GPP400 Series** | Single Stage Diaphragm Outlet Point Regulator

★ FEATURES

- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of outlet fittings
- Rear entry

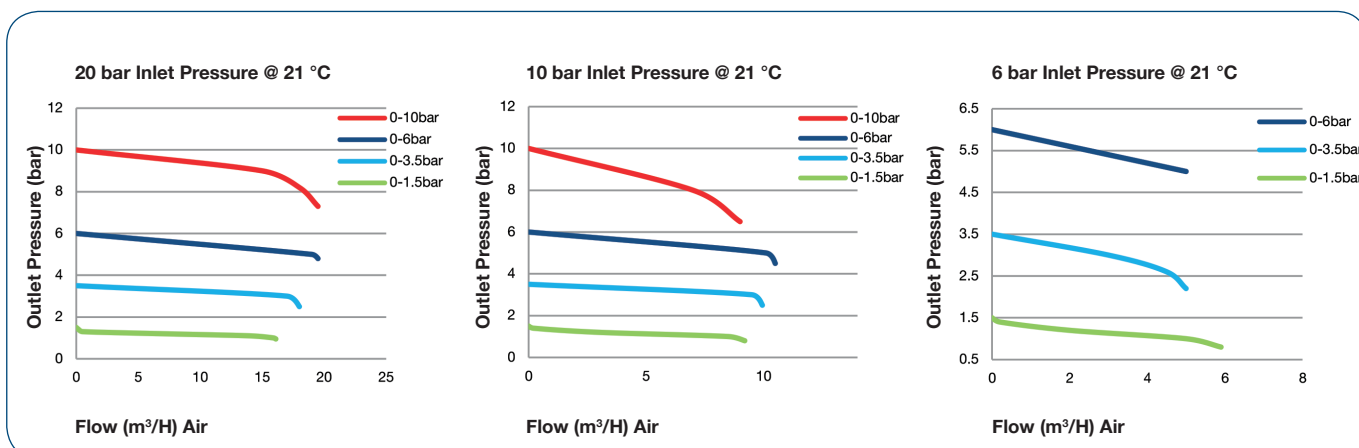
🔧 MATERIAL

- **Body** Brass Barstock
- **Bonnet** High Strength Alloy
- **Diaphragm** Polychloroprene (Neoprene®) (CR)
- **Valve Seat** Polyamide (Nylon®)
- **Filter** 10 Micron 316L Stainless Steel

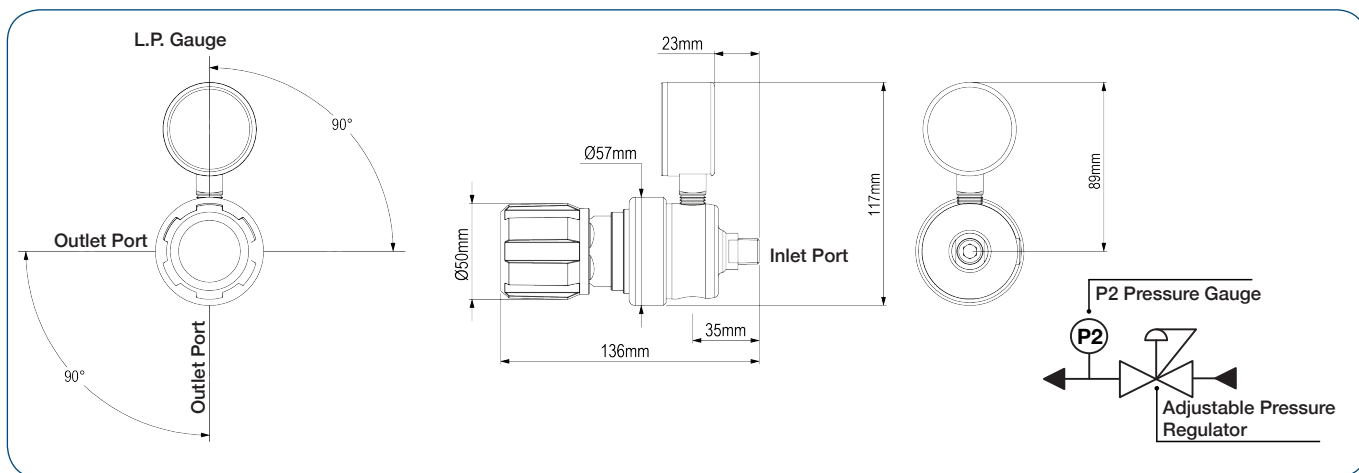
👍 SPECIFICATION

- **Maximum Inlet Pressure** 60 bar (870 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
- **Weight** 1.1 kg (2.5 lbs)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPP400 Series

GPP400-	02-	02-	00-	00-	004-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPP400	02 60 bar [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	004 1/4 NPT Male	00 1/4 NPT Female	A No Options Selected
		03 0 to 3.5 [50]		01 bar/PSI		01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
		04 0 to 6 [90]		10 Plugged Port		02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
		05 0 to 10 [150]				03 6mm Stainless Steel Compression	X Special Instruction
						04 1/4 NPT Male	
						05 1/4 SAE Flare Brass Male	
						06 G1/2 BSP R/H Brass Male	
						07 G3/8 BSP R/H Brass Male	
						08 G3/8 BSP L/H Brass Male	

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Web: <https://www.greyhoundchrom.com>



Tech Master GPP410 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Outlet Point Regulator – Acetylene



The Tech Master GPP410 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of technical Acetylene gas up to grade 4.5 purity (99.995%), on gas distribution systems.

■ **GPP410 Series** | Single Stage Diaphragm Outlet Point Regulator – Acetylene



FEATURES

- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of outlet fittings
- Rear entry



MATERIAL

- | | |
|-------------|----------------------------------|
| ■ Body | Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | Polychloroprene (Neoprene®) (CR) |
| ■ Seat | Polyamide (Nylon®) |
| ■ Filter | 10 Micron 316L Stainless Steel |

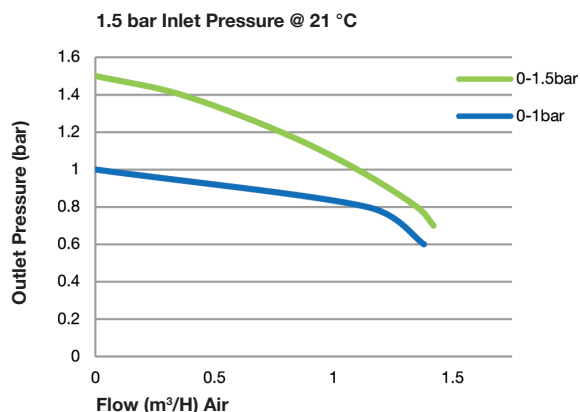


SPECIFICATION

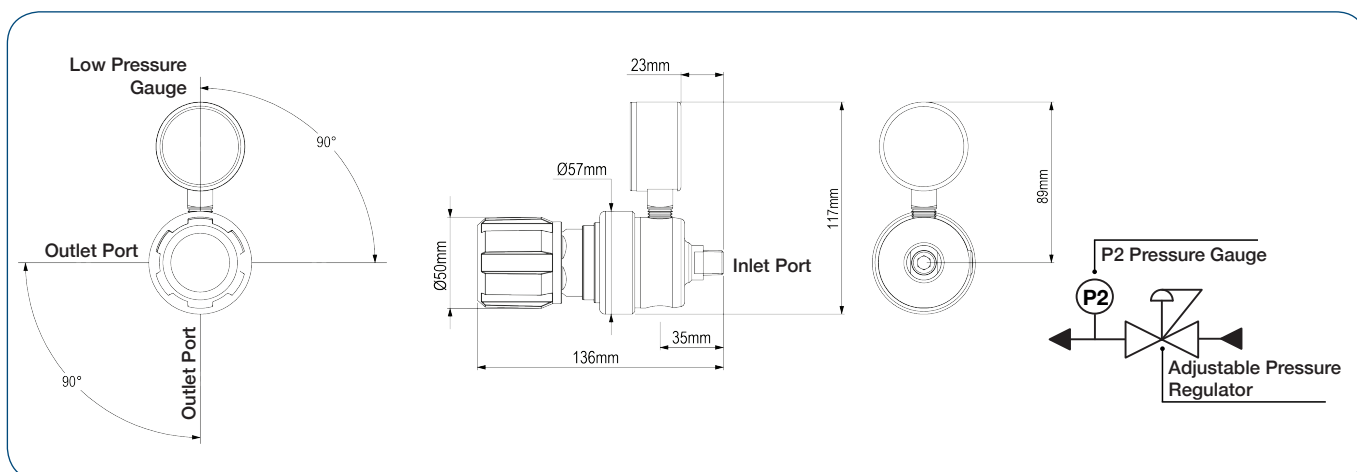
- | | |
|---------------------------|--------------------------------------|
| ■ Maximum Inlet Pressure | 1.5 bar (22 PSI) |
| ■ Delivery Pressure Range | 1.0 bar (15 PSI)
1.5 bar (22 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Weight | 1.1 kg (2.5 lbs) |



FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPP410 Series

GPP410-	07-	02-	00-	00-	004-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPP410	07 1.5 bar [22]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	004 1/4 NPT Male	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]		01 bar/PSI		01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
				10 Plugged Port		02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
						03 6mm Stainless Steel Compression	X Special Instruction
						04 1/4 NPT Male	
						05 1/4 SAE Flare Brass Male	
						08 G3/8 BSP L/H Brass Male	

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Web: <https://www.greyhoundchrom.com>

Tech Master GPS400 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Cylinder Regulator



The Tech Master GPS400 Series single 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 slight variation from decreasing cylinder pressure is acceptable.

■ **GPS400 Series** | Single Stage Diaphragm Cylinder Regulator

★ FEATURES

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

🔧 MATERIAL

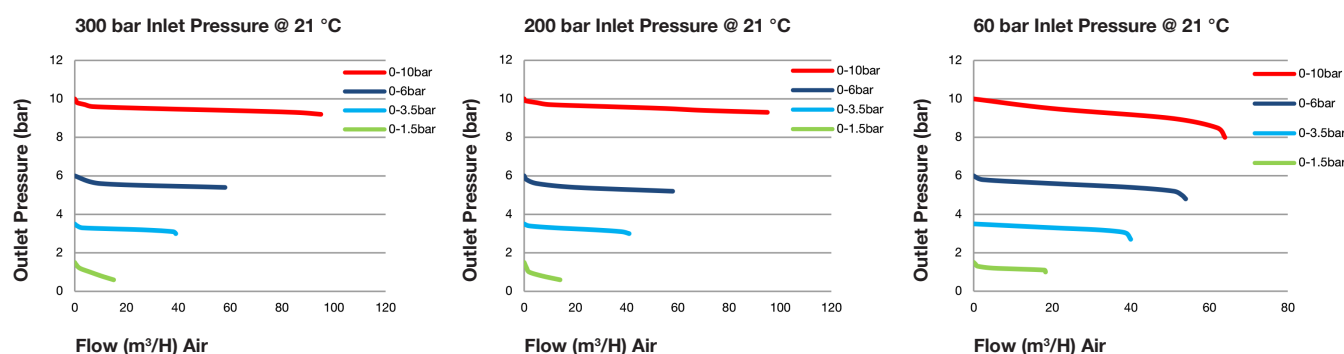
■ Body	Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	Polychloroprene (Neoprene®) (CR)
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

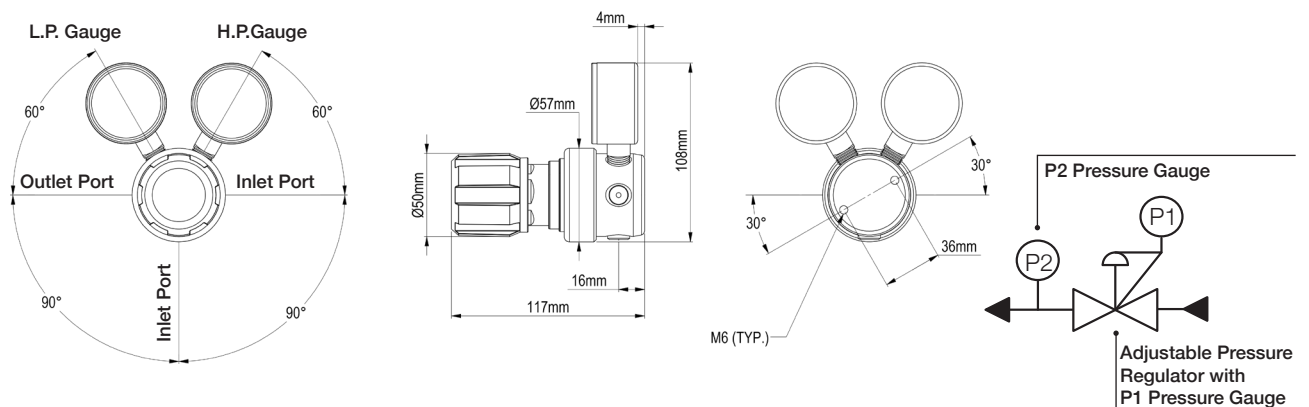
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	1.5 bar (22 PSI) 3.5 bar (50 PSI) 6 bar (90 PSI) 10 bar (150 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.2 kg (2.7 lbs) ** EN ISO 2503 Compliant

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPS400 Series

GPS400-	02-	02-	00-	00-	000-	00-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
GPS400	02 60 [870]	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
	04 300 [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration/ Pressure Test Certificate
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					007 G3/8 BSP R/H Brass Male	05 1/4 SAE Flare Brass Male	
					008 G3/8 BSP L/H Brass Male	06 G1/2 BSP R/H, Brass, Male	
					009 BS341 No.3 (Base Entry)	07 G3/8 BSP R/H, Brass, Male	
					010 BS341 No.3	08 G3/8 BSP L/H, Brass, Male	
					011 BS341 No.4 (Base Entry)	09 Isolation Valve, 1/4 NPT Female, FKM Seal	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	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	

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Web: <https://www.greyhoundchrom.com>

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Tech Master GPS410 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Cylinder Regulator
for Acetylene



The Tech Master GPS410 Series single stage diaphragm cylinder regulators are designed for primary pressure gas control of technical grade Acetylene gas up to 4.5 purity (99.995%), on applications where slight pressure variation from decreasing cylinder pressure is acceptable.

■ **GPS410 Series** | Single Stage Diaphragm Cylinder Regulator, EPDM Pressure Relief Valve – Acetylene

★ FEATURES

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

🔧 MATERIAL

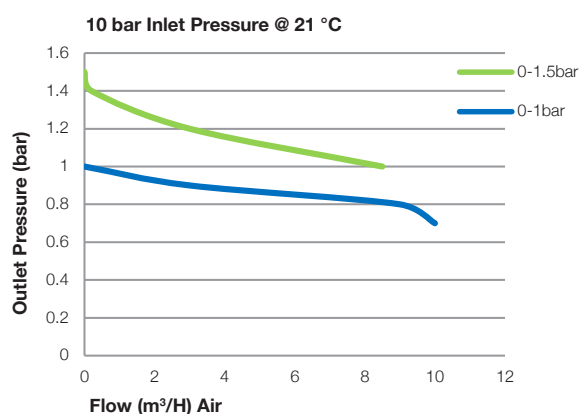
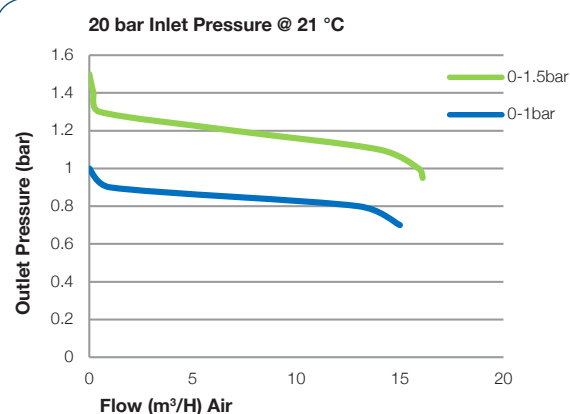
■ Body	Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	Polychloroprene (Neoprene®) (CR)
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

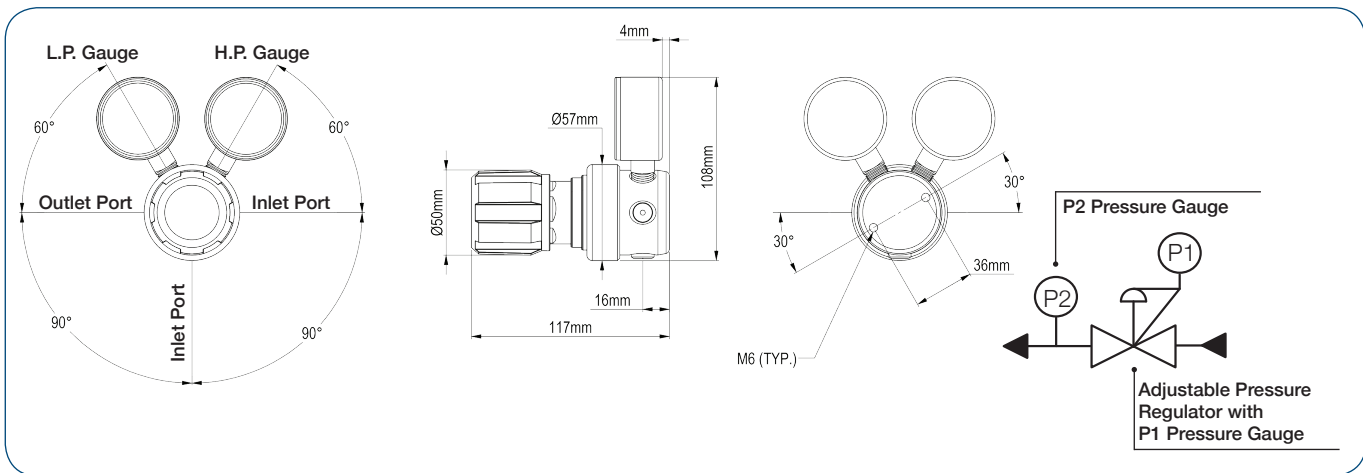
■ Maximum Inlet Pressure	25 bar (360 PSI)
■ Delivery Pressure Range	1.0 bar (15 PSI) 1.5 bar (22 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.2 kg (2.7 lbs)**

** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPS410 Series

GPS410-	01-	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
GPS410	01 25 [360]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted	00 No Outlet Fitted	A No Options Selected
		02 0 to 1.5 [22]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
			10 Plugged Port	10 Plugged port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					008 G3/8 BSP L/H Brass Male	05 1/4 SAE Flare Brass Male	
					011 BS341 No.4 (Base Entry)	08 G3/8 BSP L/H Brass Male	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					027 DIN477 No.3	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					028 DIN477 No.3.1	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					050 CGA510	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						22 Isolation Valve, G3/8 BSP L/H Brass Male, EPDM Seal	

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Tech Master GPS420 Series

4.5 Purity Single Stage Brass Barstock Piston Cylinder Regulator



The Tech Master GPS420 Series single stage piston cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, technical grade gases up to 4.5 purity (99.995%), on applications where slight pressure variation from decreasing cylinder pressure is acceptable.

- **GPS421** Series | Single Stage Piston Cylinder Regulator, FKM Seal
- **GPS422** Series | Single Stage Piston Cylinder Regulator, EPDM Seal

★ FEATURES

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

🔧 MATERIAL

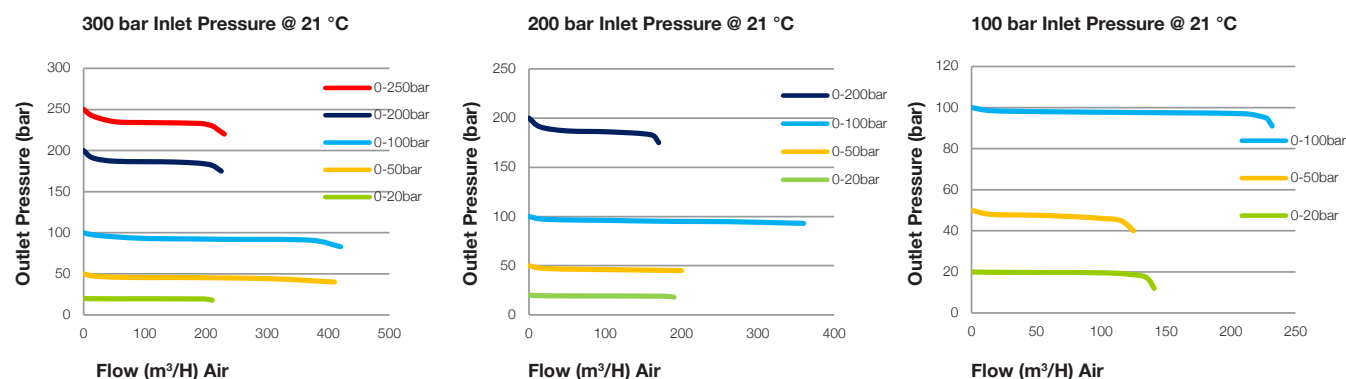
■ Body	Brass Barstock
■ Bonnet	Brass Barstock
■ Piston	Brass
■ Seal	FKM / EPDM
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

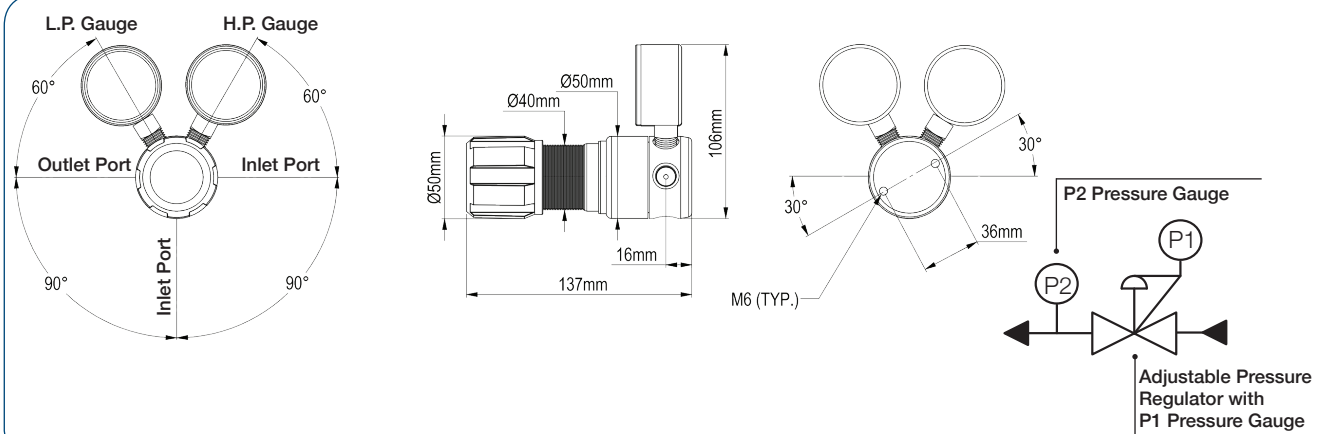
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI)*
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI) 100 Bar (1450 PSI) 200 bar (2900 PSI) 250 bar (3630 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.5 kg (3.3 lbs)**

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPS420 Series

GPS421-	02-	07-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPS421	02 60 bar [870]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Outlet Fitted (1/4 NPT F)	00 No Outlet Fitted (1/4 NPT F)	A No Options Selected
GPS422	04 300 bar [4350]	10 0 to 50 [725]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Kit
		11 0 to 100 [1450]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	K Certificate of Conformity (CoC)
		12 0 to 200 [2900]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	L Panel Mount Locking Nut Kit
		13 0 to 250 [3630]			004 1/4 NPT Male	04 1/4 NPT Male	P Calibration / Pressure Test Certificate
					007 G3/8 BSP R/H Brass Male	05 1/4 SAE Flare Brass Male	X Special Instruction
					008 G3/8 BSP L/H Brass Male	06 G1/2 BSP R/H Brass Male	
					009 BS341 No.3 (Base Entry)	07 G3/8 BSP R/H Brass Male	
					010 BS341 No.3	08 G3/8 BSP L/H Brass Male	
					011 BS341 No.4 (Base Entry)	09 Isolation Valve, 1/4 NPT Female, FKM Seal	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						19 Isolation Valve, G3/8 BSP R/H Brass Male, FKM Seal	

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Tech Master GPT400 Series

4.5 Purity Two Stage Brass Barstock Diaphragm Cylinder Regulator



The 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

★ FEATURES

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

🔧 MATERIAL

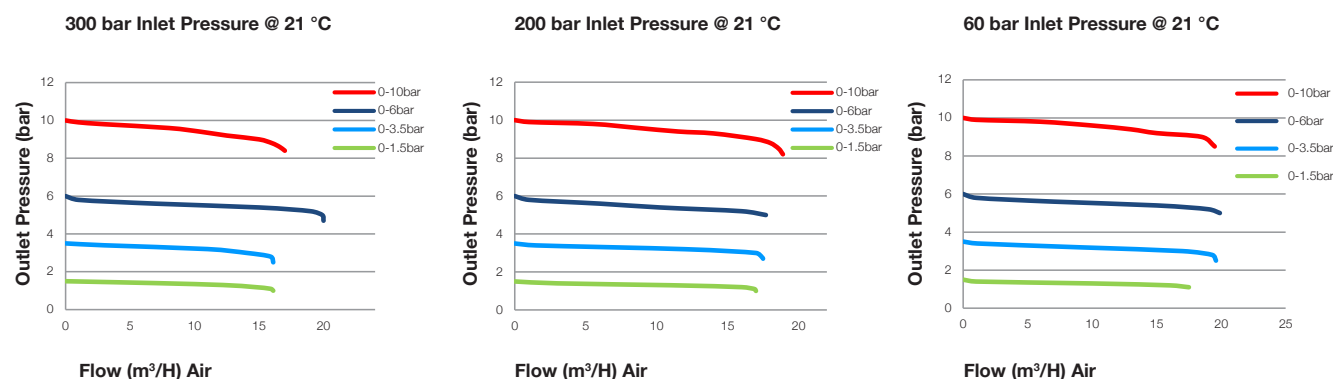
- | | |
|--------------|----------------------------------|
| ■ Body | Brass Barstock |
| ■ Bonnet | High Strength Alloy |
| ■ Diaphragm | Polychloroprene (Neoprene®) (CR) |
| ■ Valve Seat | Polyamide (Nylon®) |
| ■ Seal | FKM / EPDM |
| ■ Filter | 10 Micron 316L Stainless Steel |

👍 SPECIFICATION

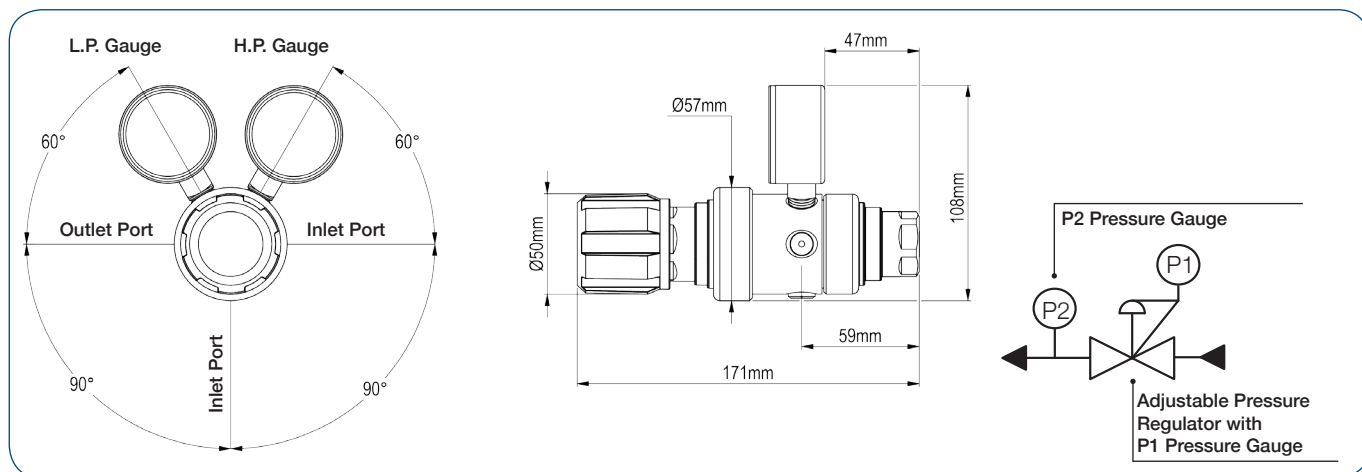
- | | |
|---------------------------|--|
| ■ Maximum Inlet Pressure | 60 bar (870 PSI)
300 bar (4350 PSI)* |
| ■ Delivery Pressure Range | 1.5 bar (22 PSI)
3.5 bar (50 PSI)
6 bar (90 PSI)
10 bar (150 PSI) |
| ■ Gauges | 50mm (2") Diameter |
| ■ Ports | 1/4" NPT Female |
| ■ Temperature Range | -20° C to +60° C (-4° F to +140° F) |
| ■ Flow Coefficient (Cv) | 0.079 |
| ■ Weight | 1.8 kg (4.0 lbs)**
EN ISO 2503 Compliant |

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPT400 Series

GPT401-	02-	02-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPT401	02 60 bar [870]	02 0 to 1.5 [22]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Outlet Fitted (1/4 NPT F)	00 No Outlet Fitted (1/4 NPT F)	A No Options Selected
GPT402	04 300 bar [4350]	03 0 to 3.5 [50]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
		04 0 to 6 [90]	10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
		05 0 to 10 [150]			003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					007 G3/8 BSP R/H Brass Male	05 1/4 SAE Flare Brass Male	
					008 G3/8 BSP L/H Brass Male	06 G1/2 BSP R/H Brass Male	
					009 BS341 No.3 (Base Entry)	07 G3/8 BSP R/H Brass Male	
					010 BS341 No.3	08 G3/8 BSP L/H Brass Male	
					011 BS341 No.4 (Base Entry)	09 Isolation Valve, 1/4 NPT Female, FKM Seal	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	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	

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Tech Master GPT410 Series

4.5 Purity Two Stage Brass Barstock Diaphragm Cylinder Regulator
for Acetylene



The Tech Master GPT410 Series two stage diaphragm cylinder regulators are designed for primary pressure gas control of technical grade Acetylene gas up to 4.5 purity (99.995%), on applications where constant delivery pressure is required as the cylinder pressure decreases.

■ **GPT410 Series** | Two Stage Diaphragm Cylinder Regulator, EPDM Seal – Acetylene

★ FEATURES

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

🔧 MATERIAL

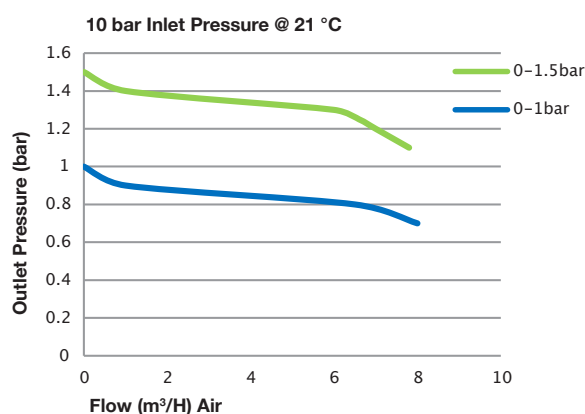
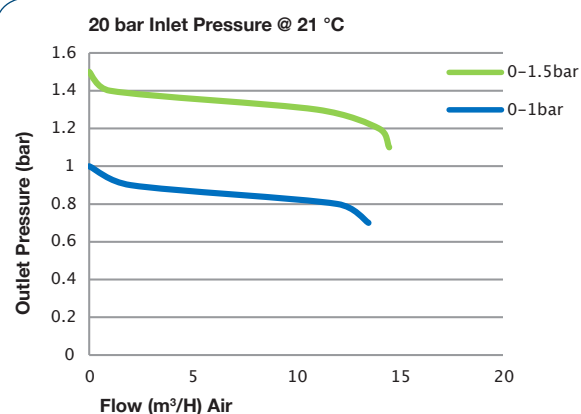
■ Body	Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	Polychloroprene (Neoprene®) (CR)
■ Valve Seat	Polyamide (Nylon®)
■ Seal	EPDM
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

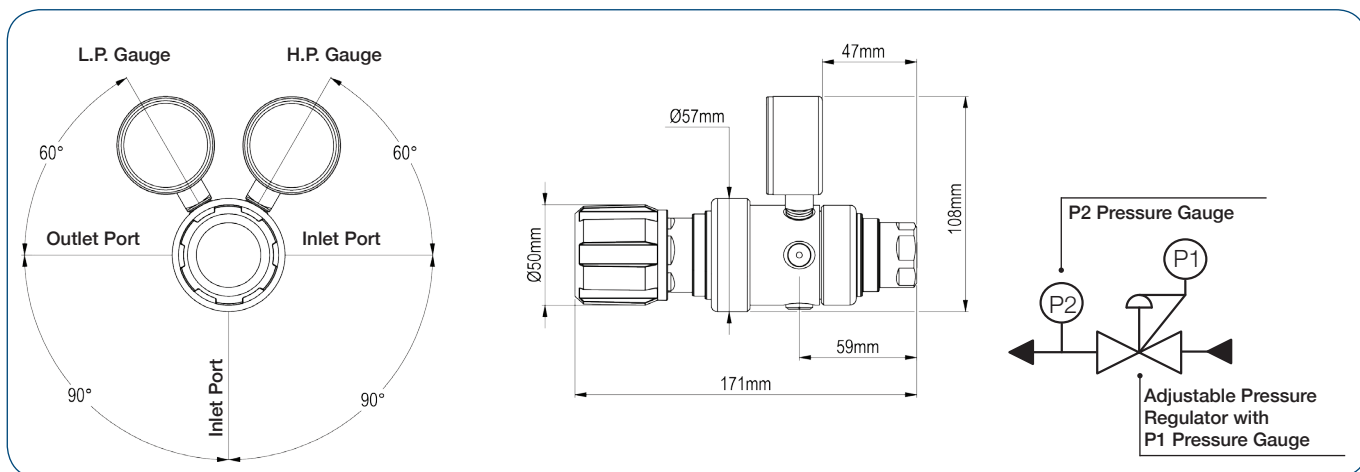
■ Maximum Inlet Pressure	25 bar (360 PSI)
■ Delivery Pressure Range	1.0 bar (15 PSI) 1.5 bar (22 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.079
■ Weight	1.2 kg (2.7 lb)**

** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPT410 Series

GPT410-	01-	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
GPT410	01 25 [360]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	000 1/4 NPT Female	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
			10 Plugged Port	10 Plugged port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	X Special Instruction
					004 1/4 NPT Male	04 1/4 NPT Male	
					008 G3/8 BSP L/H Brass Male	05 1/4 SAE Flare Brass Male	
					011 BS341 No.4 (Base Entry)	08 G3/8 BSP L/H Brass Male	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					027 DIN477 No.3	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					028 DIN477 No.3.1	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					050 CGA510	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	18 Isolation Valve, 1/4 NPT Male, EPDM Seal	
						22 Isolation Valve, G3/8 BSP L/H Brass Male, EPDM Seal	

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Tech Master GPT420 Series

4.5 Purity Two Stage Brass Barstock Piston Cylinder Regulator



The Tech Master GPT420 Series two stage piston 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.

- **GPT421** Series | Two Stage Piston Cylinder Regulator, FKM Seal
- **GPT422** Series | Two Stage Piston Cylinder Regulator, EPDM Seal

★ FEATURES

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

🔧 MATERIAL

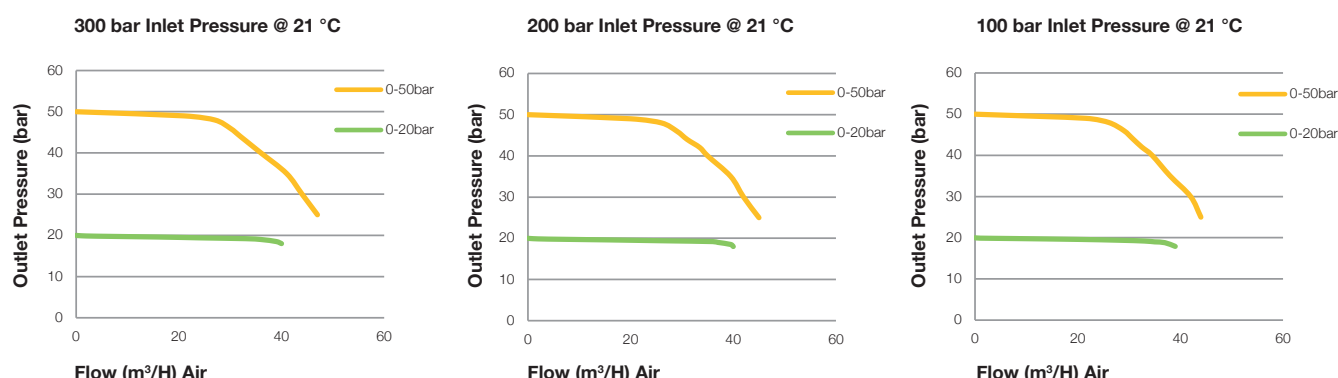
■ Body	Brass Barstock
■ Bonnet	Brass Barstock
■ Piston	Brass
■ Seal	FKM / EPDM
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

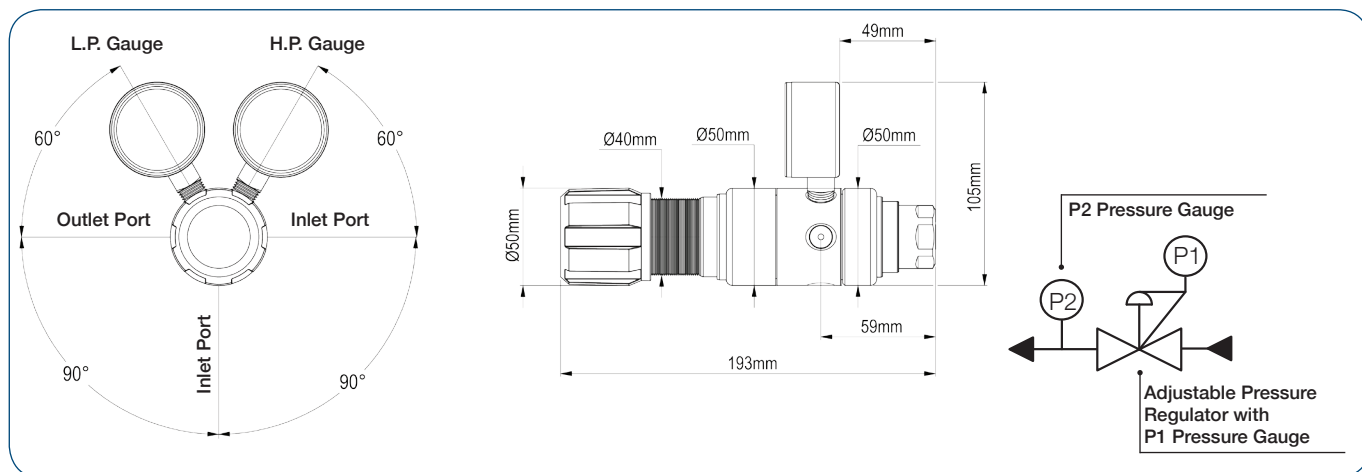
■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI)*
■ Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.079
■ Weight	2.1 kg (4.7 lbs)**

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPT420 Series

GPS421-	02-	07-	00-	00-	001-	01-	A
Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPT421	02 60 bar [870]	07 0 to 20 [300]	00 No Gauge Fitted	00 No Gauge Fitted	000 No Outlet Fitted (1/4 NPT F)	00 No Outlet Fitted (1/4 NPT F)	A No Options Selected
GPT422	04 300 bar [4350]	10 0 to 50 [725]	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Kit
			10 Plugged Port	10 Plugged Port	002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	K Certificate of Conformity (CoC)
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	L Panel Mount Locking Nut Kit
					004 1/4 NPT Male	04 1/4 NPT Male	P Calibration / Pressure Test Certificate
					007 G3/8 BSP R/H Brass Male	05 1/4 SAE Flare Brass Male	X Special Instruction
					008 G3/8 BSP L/H Brass Male	06 G1/2 BSP R/H Brass Male	
					009 BS341 No.3 (Base Entry)	07 G3/8 BSP R/H Brass Male	
					010 BS341 No.3	08 G3/8 BSP L/H Brass Male	
					011 BS341 No.4 (Base Entry)	09 Isolation Valve, 1/4 NPT Female, FKM Seal	
					012 BS341 No.4	10 Isolation Valve, 1/4 NPT Female, EPDM Seal	
					015 BS341 No.8	11 Isolation Valve, 1/8 Stainless Steel Compression, FKM Seal	
					030 DIN477 No.6	12 Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal	
					033 DIN477 No.9	13 Isolation Valve, 1/4 Stainless Steel Compression, FKM Seal	
					034 DIN477 No.10	14 Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal	
					045 CGA320	15 Isolation Valve, 6mm Stainless Steel Compression, FKM Seal	
					052 CGA540	16 Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal	
					053 CGA580	17 Isolation Valve, 1/4 NPT Male, FKM Seal	
					For our complete range of cylinder connections refer to 'ICONTGEN-TechMaster Cylinder Connections data sheet'	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	
						For our complete range of cylinder connections refer to 'Cylinder Connections Data'	

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