

HP 723C

High Purity - Brass Barstock Regulator



Model HP 723C-125-000-D shown

Model HP 723 is a single stage pipeline regulator available in brass (HP 723) or chrome plated brass (HP 723C) barstock for:

- High purity gas applications
- Research sample systems gases
- Process analyzer gases
- Gas chromatography
- EPA protocol gases
- Laser gas systems
- Emission monitoring systems

Recommended for gas purity levels of Grade 5.0 (99.999) and higher.

FEATURES

- 1 11/16" 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- 2" dual scale brass gauge (psi/bar)
- Designed to 1 x 10⁻⁹ cc/sec. inboard helium leak rate to maintain gas purity levels
- Front or back panel mountable
- External relief valve standard
- Maximum inlet 3000 PSIG

RELATED OPTIONS

Front Panel Mount Kit P/N: 9100871
Wall mounting bracket P/N: 9101242



MATERIALS

Body/Bonnet	Brass Barstock
Diaphragm	316L Stainless Steel
Nozzle	Brass
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Nickel-Plated Sintered Bronze - 10 Micron
Seat Return Spring	PH 17-7 Stainless Steel
Adjusting Knob	ABS Plastic

**SHIPS
24
TO
48hr**

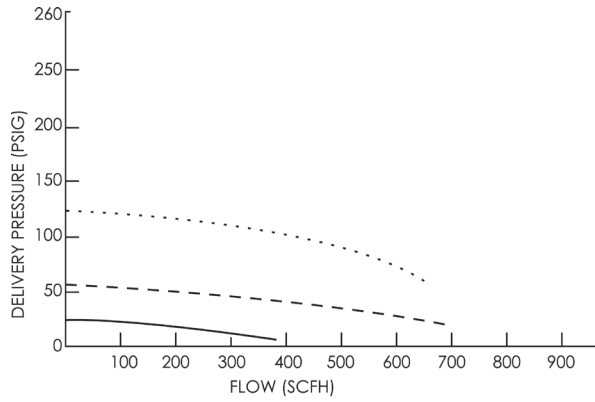
HP 723 ORDERING INFORMATION

MODEL NO.	DELIVERY PRESSURE		INLET	ACCESSORIES	OPTIONS
HP 723	DELIVERY	(OUTLET GAUGE)			
HP 723	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	000 (1/4" FNPT)	A) 1/4" MNPT Needle Valve	1) Without Relief Valve
HP 723C	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	001 (1/4" MNPT)	B) 1/4" FNPT Diaph. Valve	2) He Leak Cert. (Inboard)
(chrome plated)	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)		C) 1/4" MNPT Nipple	3) No Gauge
	0-250 PSIG	(400 psi/28 bar)		D) 1/4" FNPT Port	5) He Leak Cert. (Outboard)
	0-500 PSIG	(1000 psi/70 bar)		E) 1/4" Tube Fitting	
				F) 1/8" Tube Fitting	

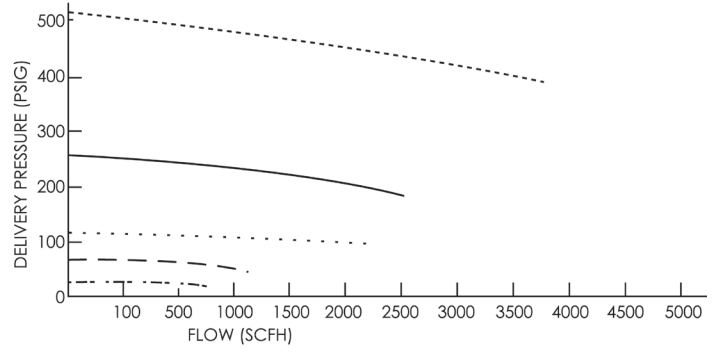
NOTE: Regulators with delivery pressure above 15 PSIG should not be used with acetylene.

HP 723 TECHNICAL SPECIFICATIONS

FLOW DATA



15 @ 200 PSIG INLET ———
 50 @ 200 PSIG INLET - - - -
 125 @ 200 PSIG INLET ·····



15 @ 2000 PSIG INLET - · - · -
 50 @ 2000 PSIG INLET - - - -
 125 @ 2000 PSIG INLET · · · ·
 250 @ 2000 PSIG INLET ———
 500 @ 2000 PSIG INLET - - - -

SPECIFICATIONS

- C_v : .08
- Pressure Regulation: 1.8 PSIG/100 PSIG
- Weight: 2.68 lbs.

DIMENSIONS

