

HP 723

High Purity - Brass Barstock Regulator



Model HP 723C-125-000-E shown

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**

Model HP 723 is a single stage pipeline regulator available in brass (HP 723) or chrome plated brass (HP 723C) barstock and are rated up to 3000 psig inlet pressure. The HP 723 is suitable 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

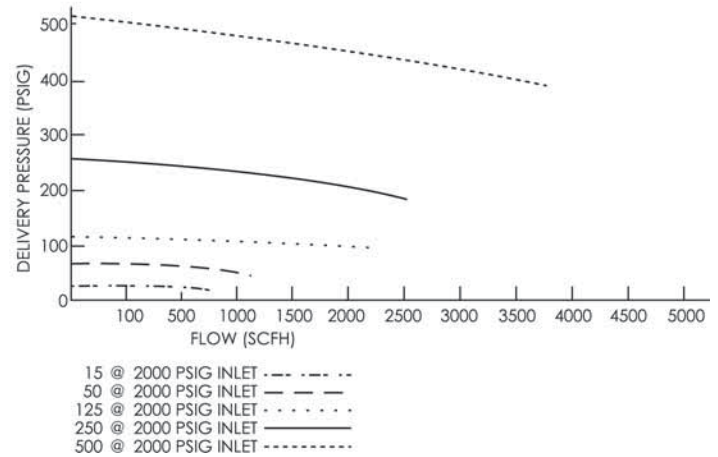
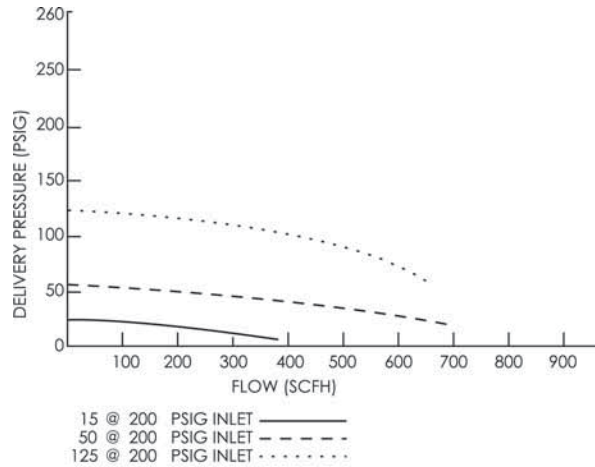
Front Panel Mount Kit P/N: 9100871

HP 723 ORDERING INFORMATION

HP 723	-	XXX	-	XXX	-	XX	-	XXXX
MODEL NO.	DELIVERY PRESSURE		INLET	ACCESSORIES		OPTIONS		
	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 (chrome plated)	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)		
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	002 (1/4" Tube fitting)	C. 1/4" MNPT Nipple		3. No Gauge		
	0-250 PSIG	(400 psi/28 bar)	003 (1/8" Tube fitting)	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				
				G. 1/4" Hose barb x 1/4" MNPT				
				H. 1/8" Hose barb x 1/4" MNPT				

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

FLOW DATA



SPECIFICATIONS

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

DIMENSIONS

