

HP 723

High Purity - Brass Barstock Regulator



Model HP 723-050-000-D shown

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.

MATERIALS

Body/Bonnet	Brass Barstock
Diaphragm316L Stainless Steel
NozzleBrass
SeatPTFE Teflon
SealsPTFE Teflon
FilterNickel-Plated Sintered Bronze - 10 Micron
Seat Return SpringPH 17-7 Stainless Steel
Adjusting KnobABS Plastic

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)
- ▣ 1 x 10⁻⁹ cc/sec. inboard helium leak rate maintains gas purity levels
- ▣ Front or back panel mountable
- ▣ External relief valve standard

RELATED OPTIONS

Captured Vent Kit P/N: 9100875
Front Panel Mount Kit P/N: 9100871

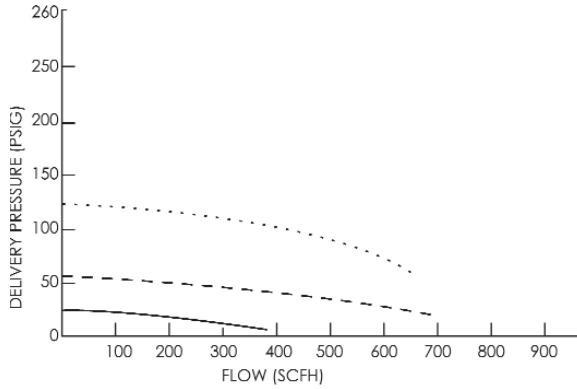
HP 723 ORDERING INFORMATION

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	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				

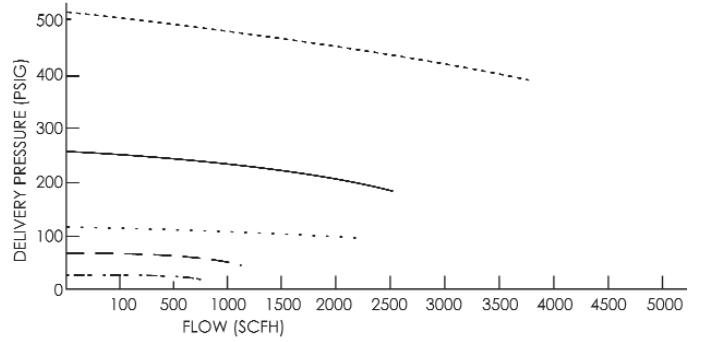
NOTE: Regulators with delivery pressure above 15 PSIG should not be used with acetylene.

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

