

HP 722

High Purity - Brass Barstock Regulator



Model HP 742-125-580-ADR



Model HP 722-125-320-B shown

Model HP 722 is a two stage cylinder regulator available in brass (HP 722) or chrome plated brass (HP 722C) barstock for constant delivery pressure from full to near empty cylinder conditions. The HP 722 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 gauges (psi/bar)
- Designed to 1 x 10⁻⁹ cc/sec. inboard helium leak rate to maintain gas purity levels
- Front and rear panel mountable
- Maximum inlet 3000 PSIG except for models with CGA 300 and 510 equipped with 400 PSIG inlet gauge
- External relief valve standard

RELATED OPTIONS

Front Panel Mount Kit P/N: 9100871

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	PH17-7 Stainless Steel
Adjusting Knob	ABS Plastic

**SHIPS
24
TO
48hr**

HP 722 ORDERING INFORMATION

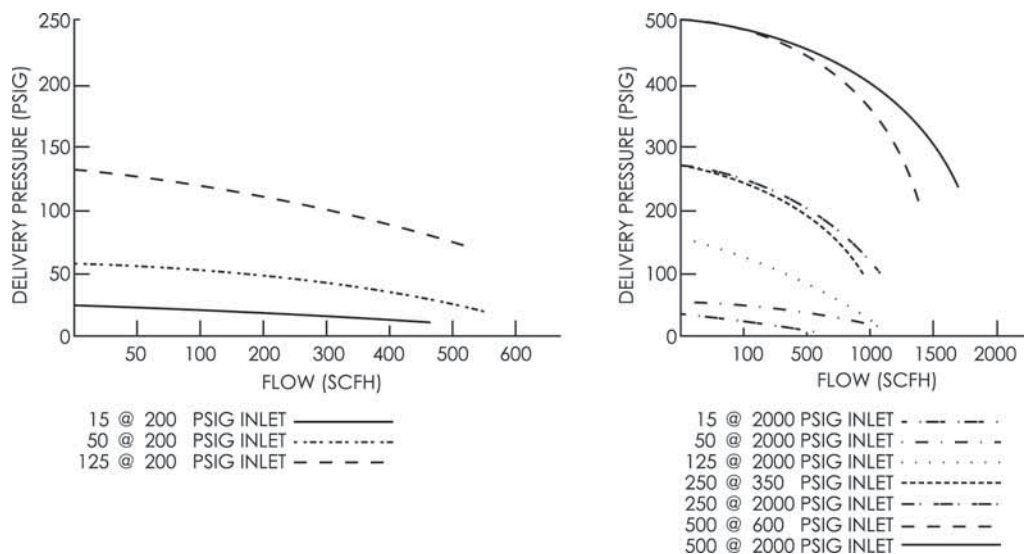
HP 722	-	XXX	-	XXX	-	XXXX	-	XXXX
MODEL NO.	DELIVERY PRESSURE DELIVERY	(OUTLET GAUGE)	CGA / INLET FITTING		ACCESSORIES	OPTIONS		
HP 722	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	000 (1/4" FNPT)	346	A. 1/4" MNPT Needle Valve	1. Without Relief Valve		
HP 722C (chrome plated)	0-50 PSIG	(30" Hg Vac-100 psi/ 7 bar)	001 (1/4" MNPT)	350	B. 1/4" FNPT Diaph. Valve	2. He Leak Cert. (Inboard)		
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	296	510	C. 1/4" MNPT Nipple	3. No Gauges		
	0-250 PSIG	(400 psi/28 bar)	300	540	D. 1/4" FNPT Port	5. He Leak Cert. (Outboard)		
	0-500 PSIG	(1000 psi/70 bar)	320	580	E. 1/4" Tube Fitting			
			326	590	F. 1/8" Tube Fitting			
					G. Single Regulator Alarm			
					R. SG 910 EZ BR Regulator Hose Barb			
					Mounting Station 1 cyl 36" Pigtail			
					Call for different lengths			

Orders: 1.800.733.4043

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FLOW DATA



SPECIFICATIONS

- Cv: .06
- Pressure Regulation: .05 PSIG/100 PSIG
- Weight: 4.43 lbs.

DIMENSIONS

