

HP 703

High Purity - Chrome Plated Brass Regulator



Model HP 703-125-000-D shown

Model HP 703 is a chrome plated brass single stage pipeline regulator with a stainless steel diaphragm for general laboratory use. The HP 703 is suitable for:

- Non-corrosive gases
- Purging
- Pressure testing
- Blanketing

Recommended for gas purity up to Grade 5.0 [99.999].

FEATURES

- 2 - 1/8" 302 stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One-piece encapsulated seat design to protect seat from particulate contamination
- Chrome plated bonnet, body and fittings
- 2" chrome plated dual scale gauge (psi/bar)
- External relief valve standard
- Designed to 1×10^{-8} cc/sec. inboard helium leak rate to maintain gas purity levels
- Max inlet 3000 PSIG

RELATED OPTIONS

Wall mounting bracket P/N: 9101242



MATERIALS

Body	Chrome Plated Brass
Bonnet	Chrome Plated Die Cast
Diaphragm	302 Stainless Steel
Nozzle	Brass
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Nickel-Plated Sintered Bronze - 10 Micron
Seat Return Spring	PH-17 Stainless Steel
Adjusting Knob	ABS Plastic

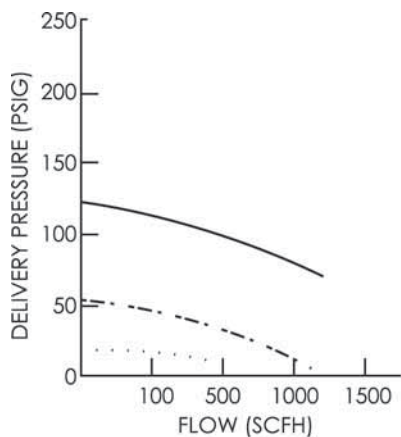
**SHIPS
24
TO
48hr**

HP 703 ORDERING INFORMATION

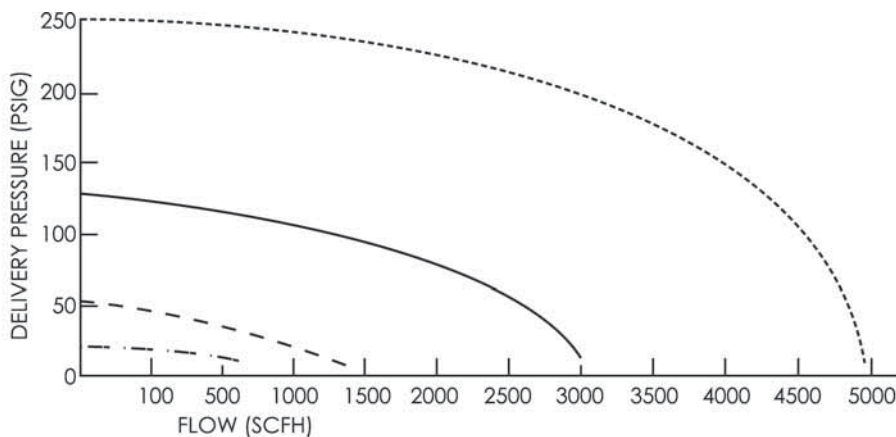
HP 703	-	XXX	-	XXX	-	XX	-	XX
DELIVERY PRESSURE								
MODEL NO.	DELIVERY	(OUTLET GAUGE)	INLET FITTING		ACCESSORIES		OPTIONS	
HP 703	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	000 (1/4" FNPT)		A. 1/4" MNPT Needle Valve	1. Without Relief Valve		
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	001 (1/4" MNPT)		B. 1/4" FNPT Diaph. Valve	3. No Gauge		
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	002 (1/4" Tube Fitting)		C. 1/4" MNPT Nipple			
	0-250 PSIG	(400 psi/28 bar)	003 (1/8" Tube Fitting)		D. 1/4" FNPT Port			
			004 (1/4" Hose barb x 1/4" MNPT)		E. 1/4" Tube Fitting			
			005 (1/8" Hose barb x 1/4" MNPT)		F. 1/8" Tube Fitting			
					G. 1/4" Hose barb x 1/4" MNPT			
					H. 1/8" Hose barb x 1/4" MNPT			
			I. 1/4" Hose barb x 1/4" FNPT					
		J. 1/4" FNPT Needle Valve						
NOTE: Regulators with delivery pressure above 15 PSIG should not be used with acetylene.								

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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 - - - - -

SPECIFICATIONS

- C_v : .17
- Pressure Regulation: 1.8 PSIG/100 PSIG
- Weight: 2.92 lbs.

DIMENSIONS

