

HP 701

High Purity - Chrome Plated Brass Regulator



Model HP 701-125-580-BE shown

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**

Model HP 701 is a chrome plated single stage cylinder regulator with a stainless steel diaphragm for general laboratory use. The HP 701 can be used when a slight pressure rise from full to empty cylinder can be tolerated. The HP 701 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 gauges (psi/bar)
- External relief valve standard
- Designed to 1 x 10⁻⁸ cc/sec. inboard helium leak rate
- to maintain gas purity levels
- Maximum inlet pressure 3000 PSIG except for models with CGA 300 and 510 and equipped with 400 PSIG inlet gauge

RELATED OPTIONS

Wall mounting bracket P/N: 9101242

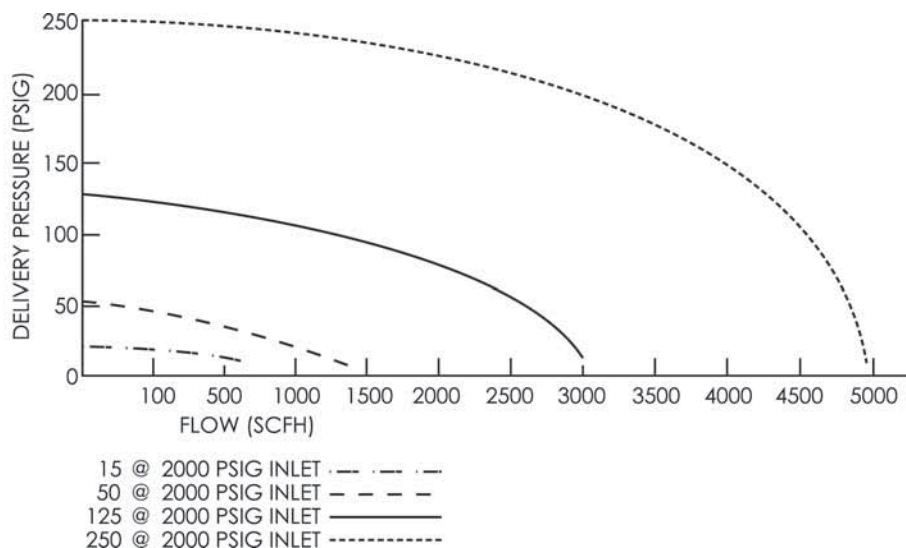
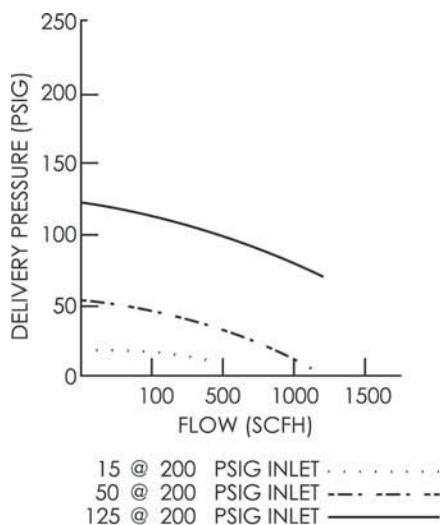


HP 701 ORDERING INFORMATION

HP 701	-	xxx	-	xxx	-	xxxx	-	xxx
MODEL NO.	DELIVERY	DELIVERY PRESSURE (OUTLET GAUGE)	CGA / INLET FITTING		ACCESSORIES		OPTIONS	
HP 701	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	280	350	A) 1/4" MNPT Needle Valve		1) Without Relief Valve	
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	296	500	B) 1/4" FNPT Diaph. Valve		3) No Gauges	
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	300	510	C) 1/4" MNPT Nipple		6) 400 psi inlet gauge	
	0-250 PSIG	(400 psi/28 bar)	320	540	D) 1/4" FNPT Port		Gas Service Must be Specified	
			326	555	E) 1/4" Tube Fitting			
			346	580	F) 1/8" Tube Fitting			
			000 (1/4" FNPT)	590	G) 1/4" Hose barb x 1/4" MNPT			
			001 (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		
					K) Single Regulator Alarm			
					L) SG 910 BR Protocol w/3/6" Pigtail			



FLOW DATA



SPECIFICATIONS

- C_v : .17
- Pressure Regulation: 1.3 PSIG/100 PSIG
- Weight: 3.5 Lbs.

DIMENSIONS

