

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

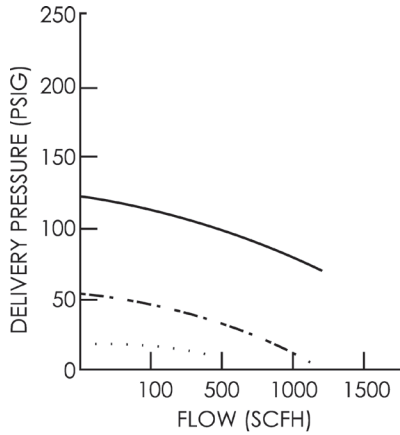


HP 701 ORDERING INFORMATION

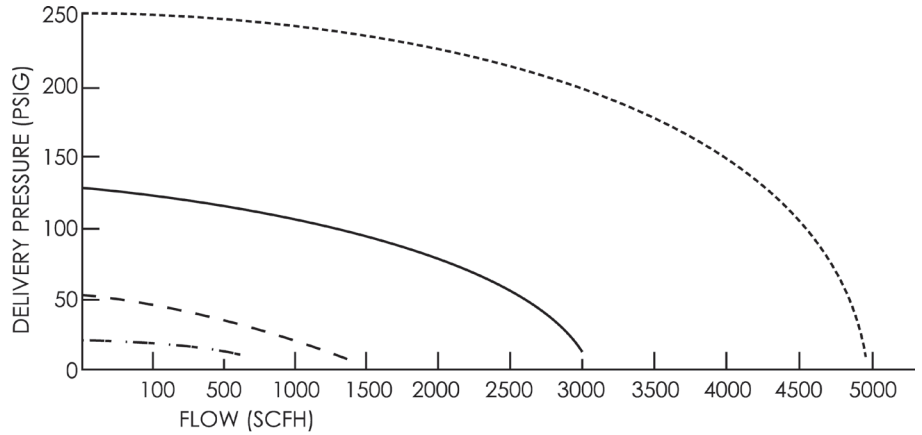
HP 701	-	XXX	-	XXX	-	XXXX	-	XXX
MODEL NO.	DELIVERY PRESSURE		CGA INLET FITTING	ACCESSORIES		OPTIONS		
	DELIVERY	(OUTLET GAUGE)						
HP 701	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	280	350	A) 1/4" MNPT Needle Valve	1) Without Relief Valve		
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	296	500	B) 1/4" FNPT Diaph. Valve	2) 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			
				590	G) 1/4" MNPT Hose Barb			
			000 (1/4" FNPT)		H) 1/8" MNPT Hose Barb			
			001 (1/4" MNPT)		I) 1/4" FNPT Hose Barb			
					J) 1/4" FNPT Needle Valve			
					K) Single Regulator Alarm			
					L) SG 910 BR Regulator Mounting Station			

HP 701 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 - · - · - ·

SPECIFICATIONS

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

DIMENSIONS

