■ HP 741

High purity – stainless steel barstock regulator

Model HP 741 is a single stage stainless steel cylinder regulator for applications where a slight rise in delivery pressure from full to empty cylinder can be tolerated.

APPLICATIONS:

- Corrosive gas applications
- High purity gas applications
- Research sample systems gases
- Process analyzer gases
- Gas chromatography
- EPA protocol gases
- Laser gas systems
- Emission monitoring systems



Model shown with additional accessories to be ordered separately

FEATURES:

- Recommended for corrosive gases or purity levels of grade 6.0 (99.9999) and higher
- 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
- Chrome plated bonnet, 316L SS body and fittings
- 1x10⁻⁹ mbar I/s He inboard helium leak rate to maintain gas purity levels
- The 1/8" NPT thread on the bonnet venting for safety
- Maximum inlet pressure 210 bar (3000 psig)

TECHNICAL DATA:

Туре	Single stage				
Purity	6.0 and higher				
Inlet pressure	Max. 210 bar (3000 psig)				
Outlet pressure	0-1/3,5/8,5/17/35 bar (15/50/125/250/500 psig)				
Flow capacity	Cv = 0.08				
Oxygen use	Suitable				

MATERIALS:

316L stainless steel barstock
chrome plated brass barstock
316L stainless steel
316L stainless steel
PTFE Teflon*
PTFE Teflon*
Sintered stainless steel - 10 micron
Return spring 316L stainless steel
ABS plastic

SPECIFICATIONS:

Inlet / outlet ports	1/4" FNPT
Weight	1,32 kg

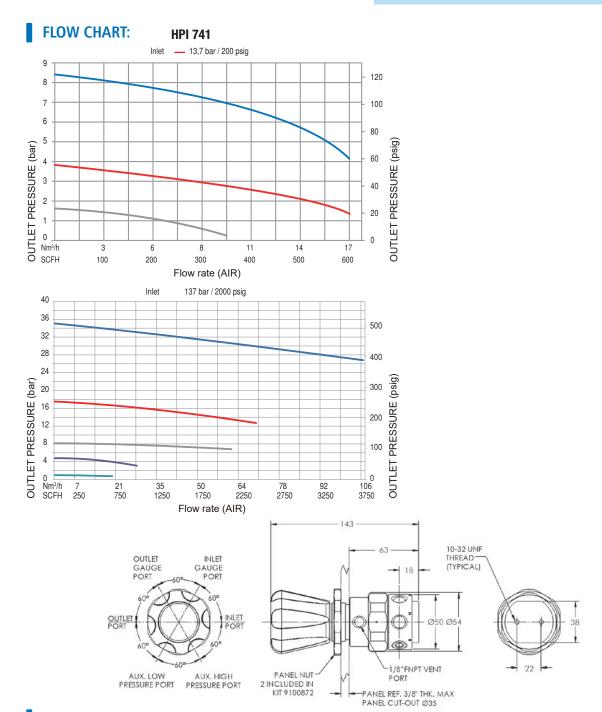
^{*} Teflon® is a registered trademark of The Chemours Company

RELATED OPTIONS:

Front Panel Mount Kit P/N: 9100871 Wall mounting Bracket P/N: 9101242







ORDERING INFORMATION:

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MODEL	INLET CONFIGURATION	OUTLET PRESSURE		INLET CONNECTION		OUTLET CONFIGURATION	V	OPTIONS		GAS TYPE	
HP 741	Right	0 - 1 bar 0 - 15 psig	015	1/4" FNPT	000	1/4" FNPT	Α	He leak cert. (inboard)	2	Please specify	
		0 - 3,5 bar 0 - 50 psig	050	DIN 477		1/4" FNPT diaph. valve	В	No gauges	3		
		0 - 8,5 bar 0 - 125 psig	125	CGA		1/4" MNPT nipple	С	With relief valve	4		
		0 - 17 bar 0 - 250 psig	250	AFNOR		1/4" tube fitting	D	He leak cert. (outboard)	5		
		0 - 34 bar 0 - 500 psig	500	BS341		1/8" tube fitting	E	60 bar inlet gauge	6		
				UNI		6 mm tube fitting	F				
				NBN		8 mm tube fitting	G				
				NEN 3268							
For example:											
HP 741			015	DIN 6			BF		2	Ar	

