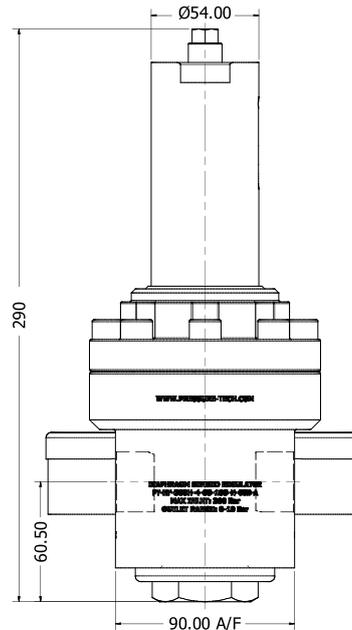


# HF300/301-4 SERIES

'High Flow' Pressure Regulator for liquid or gas applications  
Diaphragm and Piston Sensed Options



## FEATURES:

- 316L SS Wetted Parts
- Balanced Main Valve
- Cv 4.0
- Diaphragm or Piston Sensed
- Range of O Rings
- None rising stem
- Low torque adjustment
- Threaded or Flanged Options

## STANDARD MATERIALS OF CONSTRUCTION

Regulator part	Material
Body	316SS
Bonnet	316SS
Seat	Liquid: Vespel Gas: PEEK
Sensor (P2 max 250bar)	316SS
Diaphragm (P2 max 10bar)	Nylon
Handwheel	316SS
Spring rests	316SS
'O' ring seals	NBR, Viton or EPDM
Adjusting screw	Ali Bronze
Loading Spring	Spring Steel

Pressure Tech reserve the right to amend dimensions and product detail as part of our commitment to achieve product realisation. Product selection is based on compatibility information and any prior user experience. Unless otherwise and specifically agreed, Pressure Tech cannot guarantee the suitability of product on individual applications, and this remains the users responsibility.  
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# HF300/301-4 SERIES

'High Flow' Pressure Regulator for liquid or gas applications  
Diaphragm and Piston Sensed Options

## DIAPHRAGM SENSED DESIGN:



## PISTON SENSED DESIGN:



## SPECIFICATION :

Max rated inlet pressure	50bar or 300bar
Max outlet ranges	Diaphragm: 10bar Piston: 250bar
Body and trim	316 St.St.
Leakage	Liquid: Zero drops of water at max inlet Gas: Bubble tight
Seat diameter	14 mm
Weight	Approx 8kg

## ORDERING INFORMATION:

HF300G - 4 - S - 414S - N - 04B - N

Basic Model \_\_\_\_\_  
 HF300G – Diaphragm sensed, gas service  
 HF300H – Diaphragm sensed, hydraulic service  
 HF301G – Piston sensed, gas service  
 HF301H – Piston sensed, hydraulic service

Cv Value \_\_\_\_\_  
 4 – 4.0

Body material \_\_\_\_\_  
 S – 316SS

Outlet ranges \_\_\_\_\_  
 05S: 0 – 5bar  
 10S: 0 – 10bar  
 50S: 0 – 50bar  
 100S: 0 – 100bar  
 250S: 0 – 250bar

Porting configuration  
 Refer office

Inlet/outlet connections  
 08B – 1" BSP  
 08N – 1" NPT  
 08FA150 – DN25 ANSI 150  
 08FD40 – DN25 DIN PN40

O Ring  
 N - NBR  
 V – FKM/FPM  
 E - EPDM  
 K – FFKM/FFPM

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