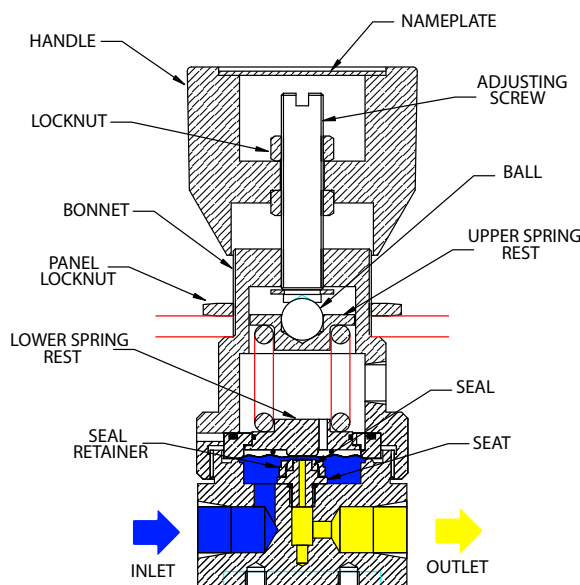


BP-300 SERIES

‘Low Flow’ Diaphragm Sensed Back Pressure Regulator Diaphragm Sensed for inlet control to 20bar / 300psi



* Assembly drawing for reference only. Refer to office for specific detail.

The BP-300 has been designed with a convoluted Inconel X750 diaphragm that lasts 50% longer than a typical stainless steel designs. Its compact simple design makes it ideal for general purpose applications, where accurate control of upstream pressure is required.

APPLICATIONS:

- Gas and Liquid Analyzer Systems
- Blanketing applications
- Laboratories & Research Labs

FEATURES:

Metal to metal diaphragm sealing
Positive sealing against Viton seat
Lightweight compact design
Strong and sensitive diaphragm element
High Accuracy

STANDARD MATERIALS OF CONSTRUCTION

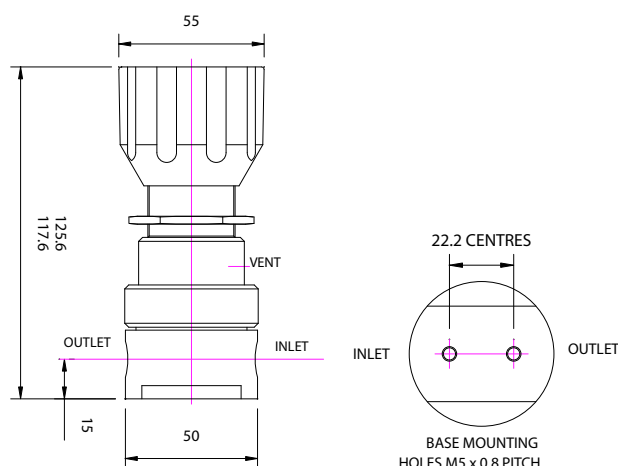
Regulator part	Material
Body and Bonnet	316SS
Seat retainer	316SS
Soft seat	Viton
Valve spring	Inconel X750
Diaphragm	Inconel X750
Handwheel	Nylon
Diaphragm washer	Brass
Spring rests	316SS
‘O’ ring seals	Viton
Adjusting screw	Alu Bronze
Loading Spring	302SS

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues. // pg 1 of 2

BP-300 SERIES

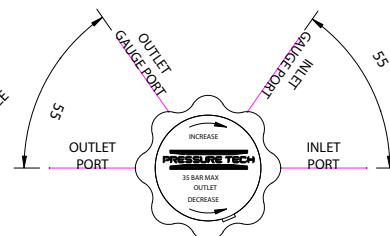
'Low Flow' Diaphragm Sensed Back Pressure Regulator Diaphragm Sensed for inlet control to 20bar / 300psi

INSTALLATION DIMENSIONS:



SPECIFICATION :

Max rated pressure50bar (725psi)
 Inlet ranges up to 20bar (300psipi)
 Design Proof pressure 50% max WP
 Leakage ...Bubble tight at max WP (tested on Nitrogen)
 Weight 0.9kg (2lbs)



ORDERING INFORMATION:

	BP - 300 - 1 - SS - 10 - V - N			
Basic Model BP-300				Porting configuration Refer office
Cv Value 1 - 0.1				
Body material SS - 316SS				Seat V - Viton
Inlet ranges (Examples*) 05 - 0 - 05bar 10 - 0 - 10bar 20 - 0 - 20bar				

* Maximum inlet pressure can be set to specific requirements

Panel Mounting Ring: PT-C-024

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues. // pg 2 of 2