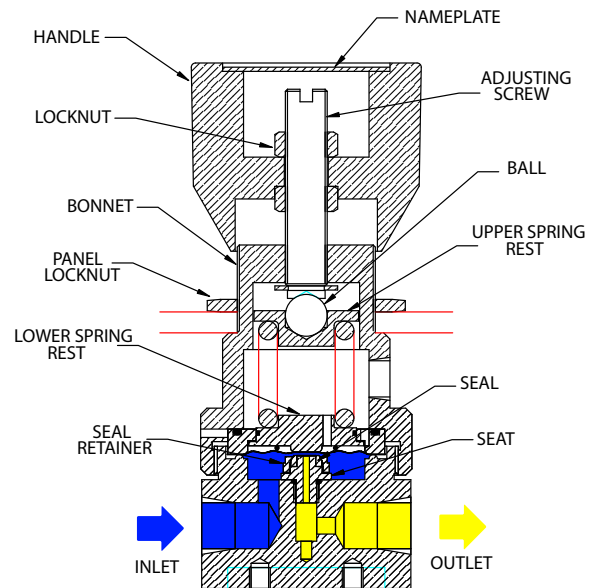


BP-300 SERIES

'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

PRESSURE TECH LTD, Unit 6, Graphite Way, Hadfield, Glossop, Derbyshire SK13 1QG
 Tel: +44 (0)1457 899307 Fax: +44 (0)1457 899308
 e-mail: info@pressure-tech.com

www.pressure-tech.com



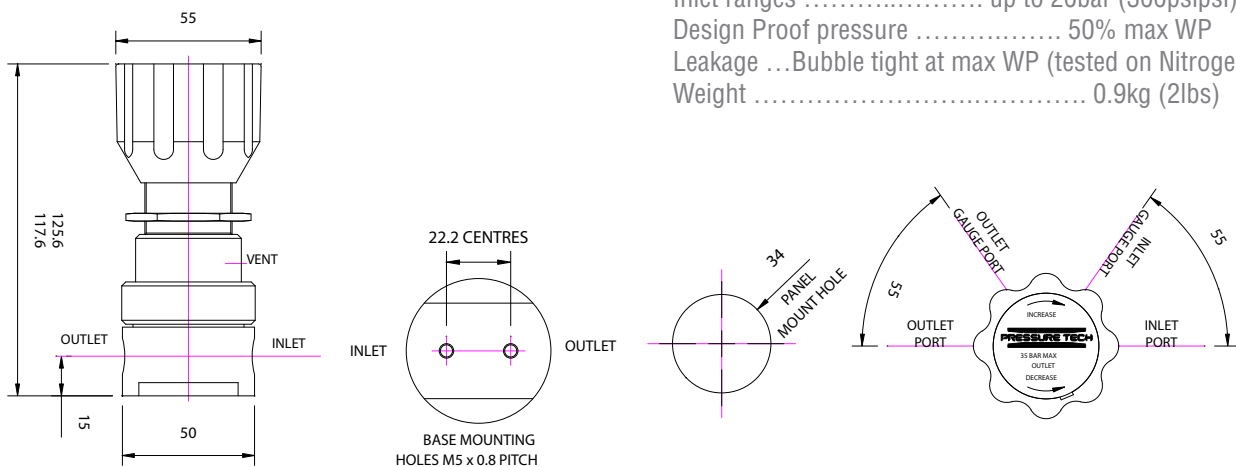
Designed and built in the UK



BP-300 SERIES

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

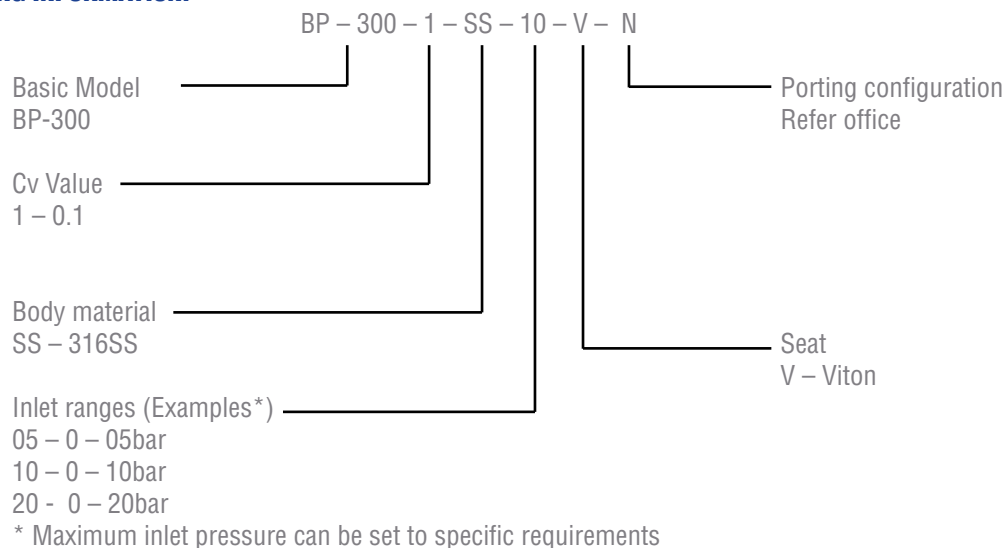
INSTALLATION DIMENSIONS:



SPECIFICATION :

Max rated pressure 50bar (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:



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