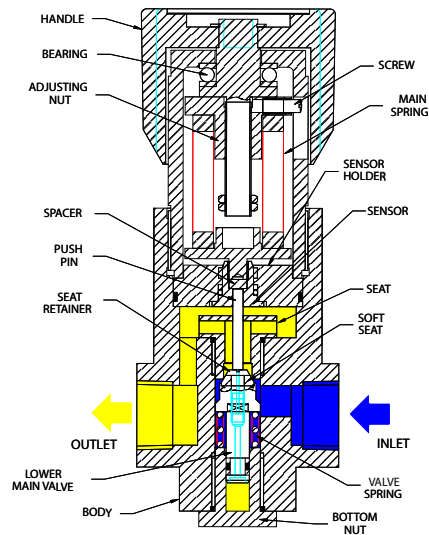


MF-300 SERIES

‘Medium Flow’ Pressure Reducing Regulator Piston Sensed for outlet control to 200bar / 2900psi



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

The MF-300 provides control of pressures up to 200bar outlet pressure, and has a balanced main valve to minimize effect of decaying inlet pressure. The seating design incorporates protection against dynamic loads hitting the sensing element as the main valve open, hence providing stable control and hunting of the regulator. A lower entry plug also provides easy servicing of the PCTFE seat.

APPLICATIONS:

- Compressed air systems
- Gas Quads
- Diving applications
- Automated pressure cycling
- Pipeline test systems

FEATURES:

300bar / 4350psi inlet pressure
Precision machined sensing elements
PCTFE seat fitted to main valve to help protect from potential particle damage
Excellent sensitivity
Self venting and non venting options

STANDARD MATERIALS OF CONSTRUCTION

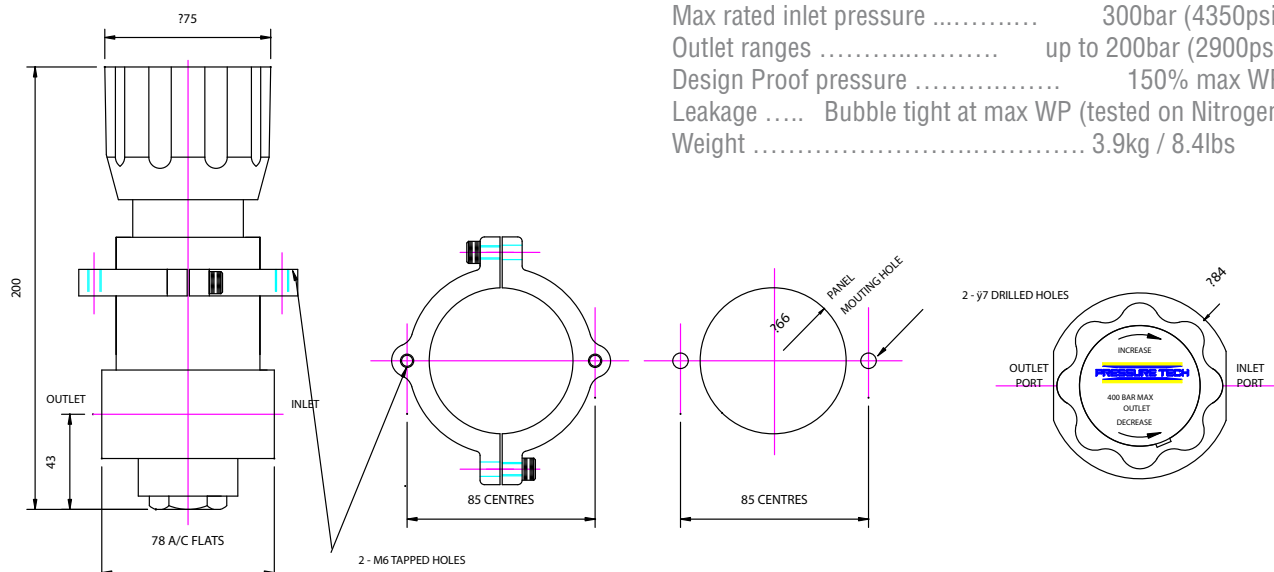
Regulator part	Material
Body and Bonnet	316SS
Main valve pin	316SS
Seat	PCTFE
Valve spring	302SS
Sensor and Holder	316SS
Handwheel	Nylon
Push pin	316SS
Spring rests	316SS
‘O’ ring seals	NBR, Viton or EPDM
Adjusting screw	Alu Bronze
Loading Spring	Spring Steel
Lubricant	Krytox GPL 205

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

MF-300 SERIES

'Medium Flow' Pressure Reducing Regulator Piston Sensed for outlet control to 200bar / 2900psi

INSTALLATION DIMENSIONS:



SPECIFICATION :

Max rated inlet pressure 300bar (4350psi)
 Outlet ranges up to 200bar (2900psi)
 Design Proof pressure 150% max WP
 Leakage Bubble tight at max WP (tested on Nitrogen)
 Weight 3.9kg / 8.4lbs

ORDERING INFORMATION:

MF300 - 2 - SS - 50S - B - 04N - A - SV	
Basic Model MF-300	Venting Options SV - Self Venting NV - Non Venting
Cv Value 2 - 2.0	Porting configuration Refer office
Body material SS - 316SS	Inlet/outlet connections 04N - 1/2"NPT 06N - 3/4"NPT
Outlet ranges (Examples*) 20S - 0 - 20bar 50S - 0 - 50bar 100S - 0 - 100bar 200S - 0 - 200bar 140A - 0 - 140bar (Air actuated)	O Ring N - NBR V - Viton E - EPDM
Panel Mounting Ring: PT-C-061-003	

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