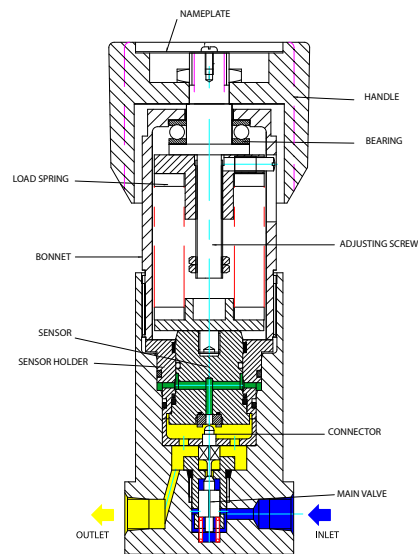


HYD 690 SERIES

**'Low Flow' Hydraulic Reducing Regulator
Piston Sensed for outlet control to 690bar / 10000psi**



The HYD 690 is the compact version of the highly successful LF-690 series regulator, it has been designed as an economical alternative to the LF-690, yet still incorporates all the key features of the larger regulator. The Tungsten carbide main valve and 17-4PH SS seat provide ultimate protection against the harsh service encountered on hydraulic services and can now be easily serviced from the spring section. The regulator is self relieving with a segregated captured vent as standard.

APPLICATIONS:

- Wellhead logic and control systems
- Subsea valve actuator control
- Valve test rigs
- Liquid sampling
- Hydraulic power packs

FEATURES:

Compact economical design
690bar / 10000psi inlet pressure
Precision machined sensing elements
Load bearings and large handwheel for low torque adjustment
SS Panel Mounting Ring

STANDARD MATERIALS OF CONSTRUCTION

Regulator part	Material
Bodies and Bonnets	316SS
Main valve pin	Tungsten carbide
Seat	17-4PH SS
Valve spring	302 SS
Sensor and Holder	316SS
Handwheel	Nylon
Spring rests	316SS
'O' ring seals	NBR, Viton or EPDM
Adjusting screw	AlI 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

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

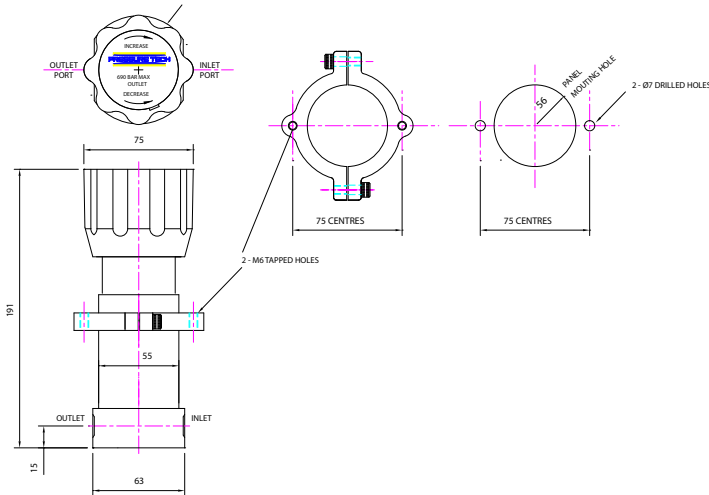
Designed and built in the UK



HYD 690 SERIES

'Low Flow' Hydraulic Reducing Regulator
Piston Sensed for outlet control to 690bar / 10000psi

INSTALLATION DIMENSIONS:



SPECIFICATION :

Max rated inlet pressure 690bar (10,000psi)
 Outlet ranges up to 690bar (10000psi)
 Design Proof pressure 150% max WP
 Leakage ..Zero drops of water at max inlet pressure
 Weight2.5 kg

ORDERING INFORMATION:

HYD-690 - 01 - SS - 414S - N - 02N - N - SV

Basic Model
HYD690

Cv Value
01 - 0.1

Body material
SS - 316SS

Outlet ranges (Examples*)

50S - 0 - 50bar
 100S - 0 - 100bar
 200S - 0 - 200bar
 414S - 0 - 414bar
 690S - 0 - 690bar

Venting Options
SV - Self Venting
NV - Non Venting

Porting configuration
Refer office

Inlet/outlet connections
02N - 1/4" NPT
03A - 3/8 MP

O Ring
N - NBR
V - Viton
E - EPDM
H - HNBR

- SS Panel Mounting Ring: PT-C-061-005 (optional extra)
- Maximum outlet pressure can be set to specific requirements

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