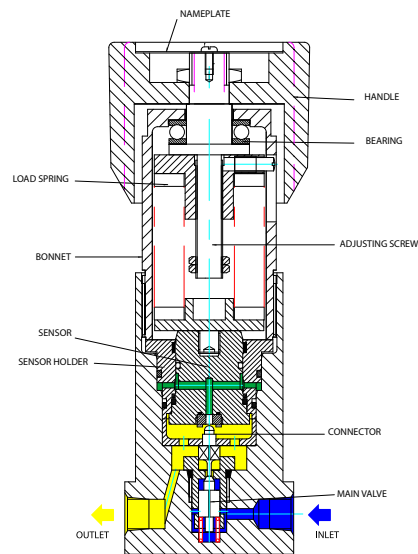


HYD 690 SERIES

'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 including ceramic seats. The ceramic ball has a 'glass like' finish to provide a positive shut-off and is also fully supported to ensure fixed travel in the 'Y' axis. 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

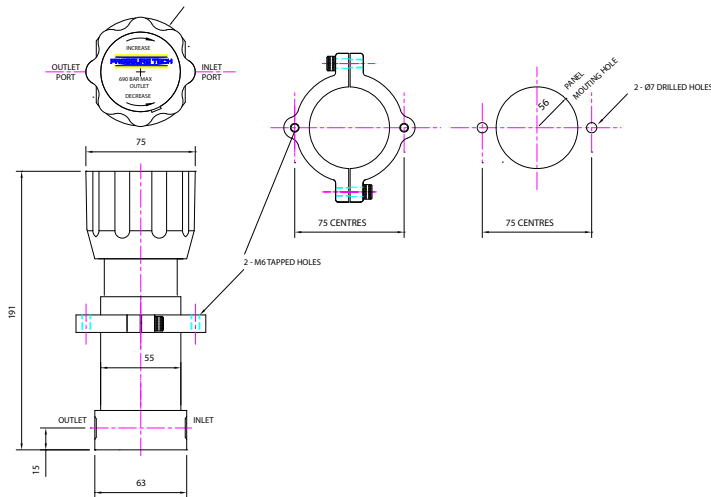
Regulator part	Material
Bodies and Bonnets	316SS
Main valve pin	Ceramic TX2000
Seat	Ceramic TX3000
Valve spring	Inconel
Sensor and Holder	316SS
Handwheel	Nylon
Spring rests	316SS
'O' ring seals	NBR, Viton or EPDM
Adjusting screw	AlI Bronze
Loading Spring	Spring Steel
Lubricant	Krytox GPL 205

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

HYD 690 SERIES

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

INSTALLATION DIMENSIONS:



SPECIFICATION :

Max rated inlet pressure690bar (10,000psi)
Outlet ranges up to 690bar (10000psi)
Design Proof pressure150% max WP
Leakage ..Zero drops of water at max inlet pressure
Weight2.5 kg

ORDERING INFORMATION:

HYD-690 - 06 - S - 414S - N - 02N - N - SV

Basic Model
HYD690

Cv Value
06 - 0.06

Body material
S - 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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