

## LF-692 SERIES - 'LOW FLOW' GAS REDUCING REGULATOR PISTON SENSED FOR OUTLET CONTROL TO 690 BAR / 10000 PSI



### SPECIAL FEATURES

- 690 bar/10,000 psi inlet pressure
- PEEK seating for positive shut off on gas service
- Precision machined sensing elements
- 3 Sensor ranges for combination of low torque and high sensitivity. Segregated captured vent
- 316SS Panel mounting rings

### DESCRIPTION

Based on the same design features of the LF-690 Hydraulic Regulator, the LF-692 incorporates a PEEK seat for use on high pressure gases, using a range of precision machined sensing elements to provide control of pressure to 690 bar.

The regulator is self relieving with segregated captured vent to allow vented gases to be piped away to a safe area. The seating area can easily be accessed from the base of the regulator for speedy servicing in situ.

### APPLICATION

- Pneumatic Test Systems
- Aircraft Charging Carts
- Diving Systems
- Calibration Kits

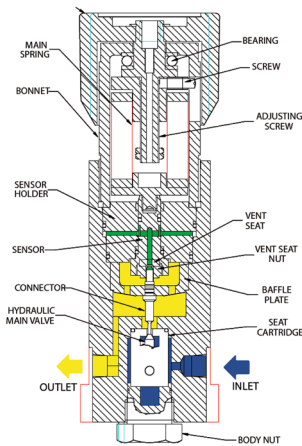
### TECHNICAL DATA

Max rated inlet pressure	690 bar (10,000 psi)
Outlet ranges	up to 690bar(10,000 psi)
Design Proof pressure	150% max WP
Leakage	Bubble tight seal at max inlet pressure
Weight	4.8 kg (11 lbs)

### STANDARD MATERIALS OF CONSTRUCTION

Body	316SS or 17-4PH SS
Bonnet	316SS
Main valve	316SS
Seat Cartridge	PEEK
Valve spring	302SS
Sensor and Holder	316SS
Handwheel	Nylon
Baffle Plate	316SS
Spring rests	316SS
'O' ring seals	NBR, Viton or EPDM
Adjusting screw	Aluminum
Loading Spring Spring	Steel
Bottom Nut	316SS
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.



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

### ORDER CODE

Basic Model	Cv Value	Body material	Outlet ranges (Examples*)	O Ring	Inlet/outlet connections	Porting configuration	Venting Options
<b>LF692</b>	<b>01</b>	<b>SS</b>	<b>414S</b>	<b>N</b>	<b>02N</b>	<b>N</b>	<b>SV</b>
LF692	01 – 0.1	SS – 316SS	50S: 0-50 bar/0-726 psi 100S: 0-100 bar/0-1451 psi 200S: 0-200 bar/0-2901 psi 414S: 0-414 bar/0-6005 psi 690S: 0-690 bar/0-10008 psi 140A: 0-140 bar/0-2031 psi (Air actuated) 600A: 0-600 bar/0-8702 psi (Air actuated)	N - NBR V - Viton E - EPDM H - Hydrogenated Buna	02N – ¼"NPT 03N – 3/8"NPT 04N – ½"NPT 04A – 9/16 Medium Pressure	Check Page 47 = Gauge Port locations	SV – Self Venting NV – Non Venting

INSTALLATION DIMENSIONS:

