Filter specifications

Type H/Model 300

Flow Rates Model 300 - up to 350 L/min

Degree of Filtration Micron Ratings: β_3=75 up to β_{20}=75
Mesh - 40 micron Abs.

Indicators and By-pass Valves

Types available	With by-pass	Without by-pass
Spool type		
- Visual indicator	X	X
- Visual memory indicator	X	X
- Electrical indicator	X	X
- Electrical/visual indicator	X	X
- Double: Pre-indicator		X
Main indicator	X	X
Flat valve type		
- Visual indicator	X	
- Electrical indicator	X	
- Electrical/visual ind.	X	

Elect. Switch Ratings A.C. 250V Inductive Load :0,5A
Resistive Load :2A
A.C. 110V Inductive Load :0,5A
Resistive Load :2A
D.C. 28V Inductive Load :1A
Resistive Load :2A

By-pass Valve Metering spool type or Flat valve type

By-pass Cracking Pressures 1.0 bar, 3.5 bar, 5.0 bar

Temp. Range -40°C to +100°C

Port Options Choice of BSP, SAE Threaded, SAE Flanged or Manifold Mounting. Both Inlet and Outlet options are the same.

Port threading dimensions
BSP : 1¼"
RC : 1¼"
SAE : 1¼"

Pressure Ratings
Operating pressure (Max) 414 bar
Proof pressure 621 bar
Burst pressure (Typical) 830 bar

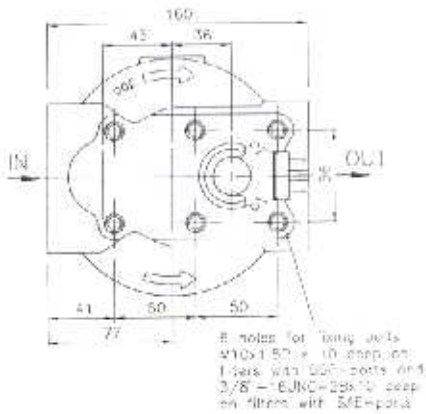
Materials
Head: S.G. Iron casting
Bowl: Extruded Steel

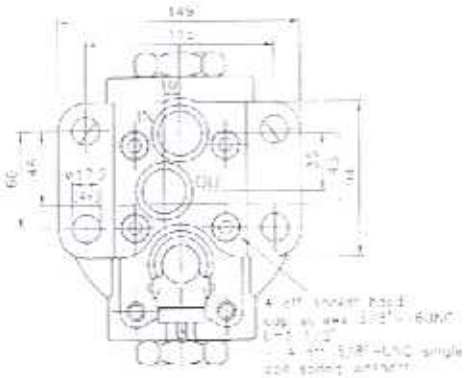
Fatigue Tests Typical fatigue life under full excursion pressure cycling in excess of 3,000,000 cycles at 0-276 bar.

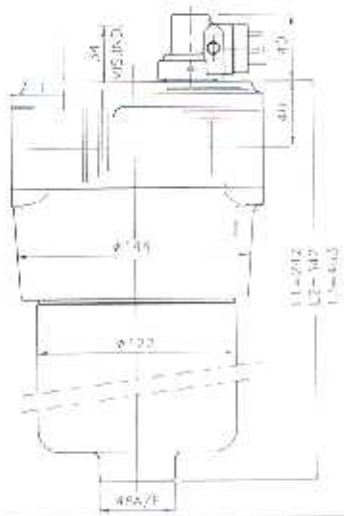
Shock & Vibration Tests DEF STAN 07-55. Housings, By-pass Valves, Indicators and Elements tested and approved.

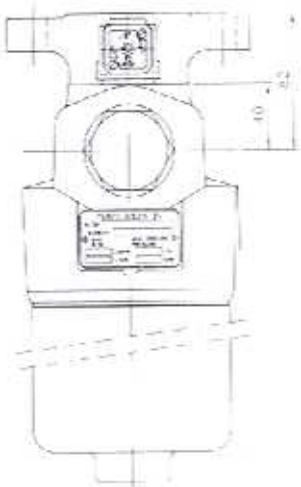
Installation dimensions

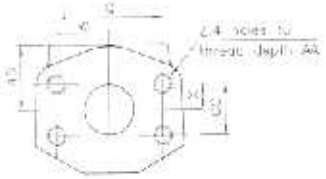
Type H/Model 300











Manifold port diameters.
Manifold plate inlet and outlet port mating hole, diameters are:
Model 300 27 mm max.

Port code	F	T
Flange size	1¼"	1½"
Max. pressure	390 bar	200 bar
Q size	66.5	70.0
W size	33.25	35.0
GG size	31.75	35.7
X size	15.87	17.85
Z size	⅜"x 13 UNC	½"x 13 UNC
AA size	18	18