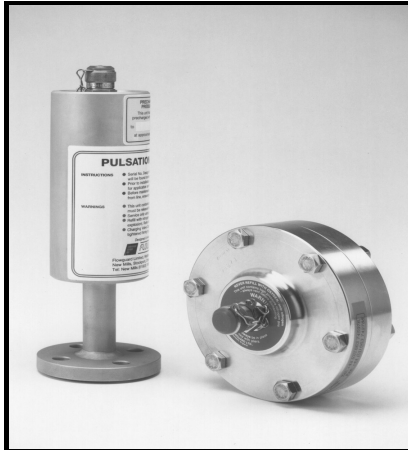


## PTFE Diaphragm Pulsation Damper

Data sheet 132 GP02

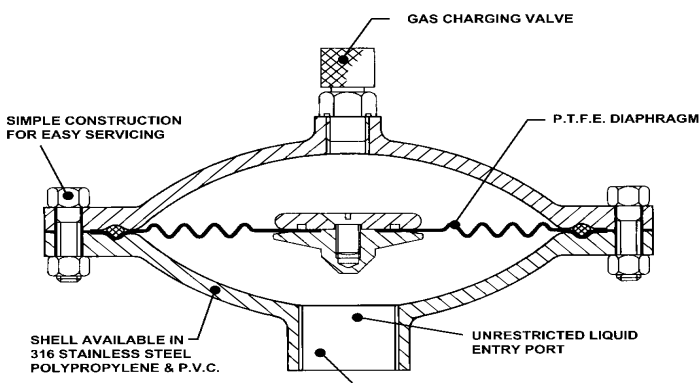


### Specification:-

- **General:-** A range of standard cost effective diaphragm type pulsation dampers manufactured from stainless steel, PVC or polypropylene supplied with diaphragms manufactured from PTFE.
- **Sizes:-** A range of sizes are available from 0.05 to 100 litres with design pressures up to 40 Bar according to size.
- **Connection:-** The single connection can be supplied either threaded or flanged.
- **Documentation:-** Full documentation

**P.T.F.E. DIAPHRAGM PULSATION DAMPER FD - TYPE A**

Shell Material : 316 Stainless Steel, Polypropylene & PVC, Titanium, Hastelloy C, Monel 400  
Documentation: Standard Certification to DIN 50049 3.1b



GAS CHARGING VALVE

SIMPLE CONSTRUCTION FOR EASY SERVICING

P.T.F.E. DIAPHRAGM

SHELL AVAILABLE IN 316 STAINLESS STEEL, POLYPROPYLENE & P.V.C.

UNRESTRICTED LIQUID ENTRY PORT

Model Ref	Volume (litres)	Pressure (bar)	Connection NPT female
FD 10	0.1	45	1/2"
FD 20	0.25	48	1/2"
FD 30	0.5	40	1"
FD 40	1.0	33	1 1/2"
FD 50	2.0	25	1 1/2"
FD 60	5.0	19	2"
FD 70	10	15	2"
FD 80	15	13	2"
FD 90	30	10	2"

Model Ref	Diameter (mm)	Length (mm)	Weight (Kg)
FD 10	133	156	6
FD 20	164	181	8
FD 30	187	212	10
FD 40	225	253	15
FD 50	263	292	19
FD 60	331	362	25
FD 70	397	428	32
FD 80	444	475	35
FD 90	538	570	50

THREADED CONNECTIONS AS STANDARD. FLANGES ALSO AVAILABLE

Pressures are calculated in accordance with BS 5500 and are based on 316 stainless steel wetted parts and carbon steel flanges at a design temperature of 50° C.  
The shell material is stainless steel as standard but can be polypropylene (depending on pressure) as an option.