



## **STAINLESS STEEL DAMPERS**

- \* 316 stainless construction
- \* Ex-stock delivery.
- \* Easy to fit.
- \* Threaded or flanged connections.
- \* Proven performance.
- \* Simple maintenance.
- \* Full technical assistance.
- \* Swift response.

# BLADDER TYPE PULSATION DAMPER

# DS - TYPE A

## DS Series

Shell Material : 316 Stainless Steel

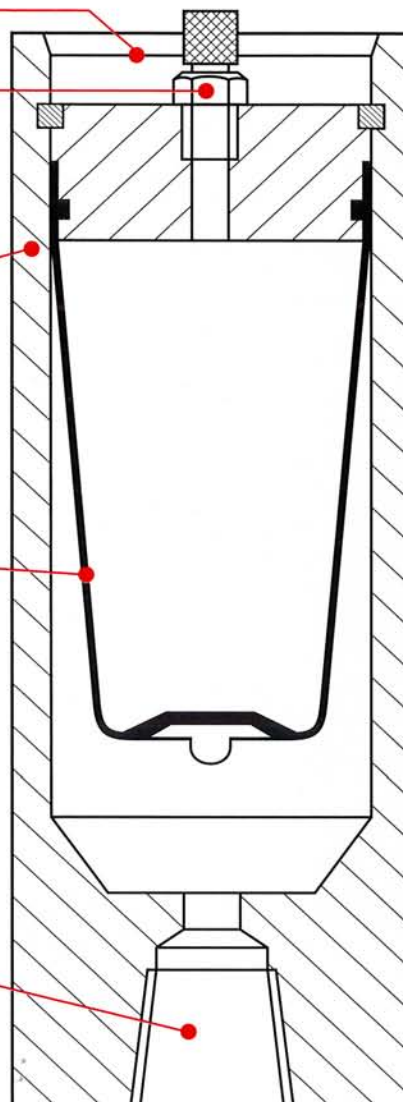
OPEN TOP CONSTRUCTION TO ALLOW FOR EASY SERVICING WITHOUT REMOVING DAMPER FROM THE PIPELINE

CHARGING VALVE

SHELL - 316 STAINLESS STEEL

BLADDER - AVAILABLE IN ELASTOMERS TO SUIT MOST APPLICATIONS.

THREADED CONNECTIONS AS STANDARD. WELDED FLANGES AVAILABLE



Model Ref	Volume (litres)	Pressure (bar)	Connection NPT female
DS 10	0.1	295	1/2"
DS 20	0.25	265	1/2"
DS 30	0.5	188	1"
DS 40	1.0	147	1 1/2"
DS 50	2.0	147	1 1/2"
DS 60	5.0	86	2"
DS 65	5.0	141	2"
DS 70	10	86	2"
DS 75	10	141	2"
DS 80	15	75	2"
DS 85	15	113	2"

Model Ref	Diameter (mm)	Length (mm)	Weight (Kg)
DS 10	63.5	145	2.5
DS 20	76.2	176	4.0
DS 30	88.9	228	6.0
DS 40	114.5	228	10
DS 50	114.5	383	14
DS 60	168.3	420	24
DS 65	168.3	435	31
DS 70	168.3	550	27
DS 75	168.3	565	36
DS 80	219.2	685	46
DS 85	219.2	695	62

Pressures are calculated in accordance with BS 5500 and are based on 316 stainless steel at a design temperature of 50° C

**Elastomers** (All bladders are one-piece moulding)  
Nitrile, EPDM, and Viton B.

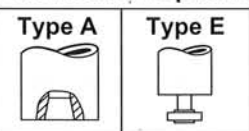
The full Flowguard Range includes models DP, DS, FB, FB/TD FG, VG, FG/TD, FL & HG and can cover the following parameters:

Maximum Volume : 2000 litre

Maximum Pressure : 1050 bar

Connections : Single & Twin, Threaded, or Welded Flanged.

### Connection Options



Flowguard Limited, Watford Bridge, NEW MILLS,  
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YOUR LOCAL DISTRIBUTOR IS:-

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