

The Company

Broady Flow Control is an **Independent Valve Manufacturer**, specialising in **Innovative** and effective **Solutions** to satisfy it's increasing customer demands, challenges and problems in flow control.



MARKET SECTORS

- Naval & Marine
- Chemical & Petrochemical
- Food & Beverages
- Industrial gases
- Biotechnology
- Mining
- Fire protection
- Oil & Gas
- Pharmaceutical
- Power generation

Four key divisions

1 Relief. Safety relief. Pressure reducing & sustaining valves.



2 Valves for Naval, Marine and other specialist applications.



3 Pattern makers & Master founders of corrosion resistant copper based alloys.



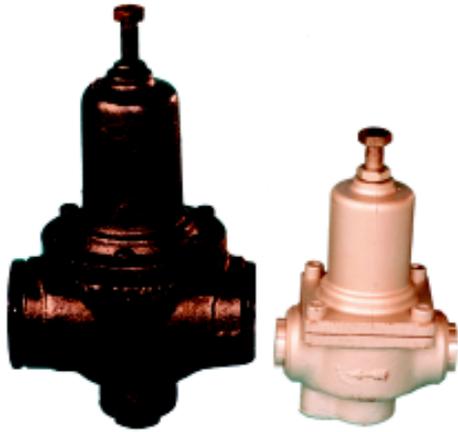
4 Overhaul & Refurbishment of Broady valves and other selected valve manufacturer's products and equipment.



Broady Flow Control - Standard Products

The full range of Broady valves; email sales@flowstar.co.uk for more information

PRESSURE REDUCING VALVES



TYPE A/AB PRESSURE REDUCING VALVE

Direct acting pressure reducing valves for gases and liquids

Manufactured in SG Iron

Screwed connections only from 15mm to 50mm

Type A suitable for Steam

Type AB is a balanced design giving constant reduced pressure when the inlet pressure varies

WRC approval on the Type AB

Max inlet pressure is 28 Barg

Reduced pressure range 0.7 Barg to 8.3 Barg



BROADY TYPE B2 PRESSURE REDUCING VALVE

Broady Type B2 Pressure Reducing Valve

Pilot operated type valve

Very high capacity with accurate pressure reduction

Manufactured in SG Iron as Standard, Stainless or Carbon Steel on request

Screwed or flanged from 15mm to 150mm (screwed up to 32mm)

Suitable for Steam and Gas duty only

Standard valve suitable to reduce from 0.3 to 18 Barg

High pressure version up to 70 Barg (inlet)



TYPE C SERIES PRESSURE REDUCING VALVE

Direct acting pressure reducing valves for gases and liquids

Manufactured in a variety of materials including Gunmetal, Carbon Steel and Stainless Steel as standard

Screwed or flanged connections from 6mm to 100mm

Maximum inlet pressure is 82 Barg

Reduced pressure range from 10 mBarg to 21 Barg

Three models

- 1 CL for pressure reduction, lower than 0.3 Barg
- 2 CN for pressure reduction between 0.3 to 10 Barg
- 3 CH for pressure reduction higher than 10 Barg



TYPE D PRESSURE REDUCING VALVE

Direct acting pressure reducing valve for liquids

Manufactured in either SG Iron or Gunmetal as Standard

Can be supplied in other materials on request

Screwed or flanged from 15mm to 200mm (screwed up to 50mm)

Maximum inlet 20 Barg

Reduced pressure range 0.35 to 13.8 Barg

WRC approval on request

PRESSURE RELIEF AND SAFETY RELIEF



TYPE 180/180S RELIEF VALVE

Broady type 180 and 180S

Direct acting, spring operated relief valves

Proportional lift design

Gas, vapour and liquid service

Manufactured in Gunmetal and Stainless Steel as Standard

Can be fitted with Viton Soft seats on request

Screwed only from 15mm to 80mm (50mm in Stainless Steel)

Maximum set pressure 23 Barg



SERIES 2600 SAFETY RELIEF VALVE

Direct acting, full lift Safety Relief Valve

Pop action design

Gas, vapour and liquid service

Manufactured in Carbon Steel and Stainless Steel as Standard

Other materials on request

Screwed or Flanged from 15mm x 25mm to 25mm x 25mm

Maximum Set pressure 140 Barg



SERIES 3500/3500 ASRV SAFETY RELIEF VALVE

Direct acting, full lift Safety Relief Valve

Gas, vapour and liquid service

Designed in accordance to API 520, 526 and 527

Approved to ASME Section VIII, Division 1(UV Stamp)

Full range from 25mm x 50mm to 200mm x 250mm (orifice's D to T)

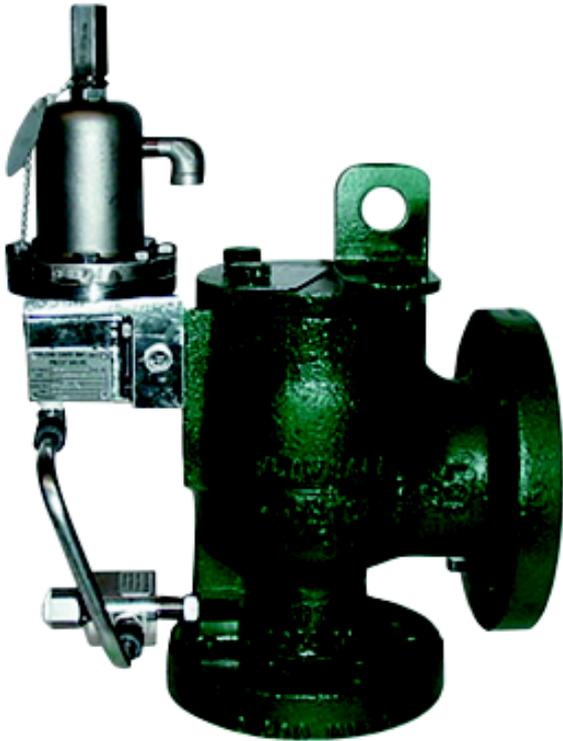
Manufactured in Carbon Steel and Stainless Steel as standard

Other materials include Monel, Hastelloy, Super Duplex, Inconel and Aluminum Bronze

Can be fitted with balancing bellows for variable back pressure

Can be fitted with an open or closed lifting lever

OTHER STANDARD VALVES



PILOT OPERATED VALVE - FLOWSAFE TYPE F7000 AND F8000

Pilot Operated Safety Relief Valves

ASME "UV" Stamp

Direct mounted pilot valves, minimizing potential leak paths

Modulating or Snap acting pilots

Repeatable, bubble tight seating with soft seats

F7000 full bore design and F8000 reduced bore (API)

Set pressure from 1 Bar to 413 Bar

Manufactured in Carbon and Stainless Steel as standard



DH FIRE HYDRANT VALVE

Compact and simple design - problem free.

Balance plug design - Eliminating pressure shocks and protecting the outlet pressure.

Self draining design - Will not freeze in harsh environment (North Sea / Sub zero conditions).

Available in many types of metals - To suit varying applications.

Aluminium bronze trim - For prolonged life.

One external thread only - No nuts or bolts to corrode in harsh environments.

Valve design fully fire tested - in accordance with BS5401.

Available with high pressure override.

No pilot hole for reduced pressure sensing - eliminating corrosion potential.



TYPE 9 SUSTAINING VALVE

Direct acting, spring operated sustaining valve

Balanced design for variable back pressure

Available in a wide variety of materials

Screwed or flanged from 15mm to 200mm

Maximum set point is 35 Barg

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