



**Type 3600 – Balanced Design**

**Size Range**  
15mm to 25mm  
**Ends Connections**  
Screwed NPT but other threads available. ANSI Flanges as standard but other flanges to customer requirements.  
**Medium**  
Steam, Liquid & Gas  
**Available Orifices**  
0.11 in<sup>2</sup>  
**Set Pressure Range**  
0.5 to 250 Barg Maximum  
**Minimum Temperature**  
-196°C  
**Maximum Temperature**  
538°C (dependant on material and spring selection)  
**Seat Material**  
Metal to Metal & Viton  
**PED**  
Cat IV – CE Marked  
**Design Code**  
API520 / 527 and ASME VIII



**Type 3500**  
**Size Range**  
25mm to 250mm  
**Ends Connections**  
Flanged ANSI as standard but other flanges available  
**Medium**  
Steam, Liquid & Gas  
**Set Pressure Range**  
0.5 to 414 Barg Maximum  
**Minimum Temperature**  
-196°C  
**Maximum Temperature**  
538°C (dependant on material and spring selection)  
**Available API Orifice**  
D to T  
**Seat Material**  
Metal to Metal  
**Design Code**  
API520 / 526 / 527 and ASME VIII DNV, BV and ABS Type Approved for Pressure Vessels and LPG / LNG Cryogenic applications  
**PED**  
Cat IV – CE Marked



**Type 8 Surplus**  
**Size Range**  
6NB to 200NB  
**Ends Connections**  
Screwed 6NB to 50NB, Flanged to customer requirements  
**Material**  
Carbon Steel, Stainless Steel, Gunmetal, Aluminium Bronze  
**Medium**  
Liquid & Gas  
**Set Pressure Range**  
0.70 to 10.00 Barg \*\*  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton)  
**Seat Material**  
Nitrile & Viton other materials on request  
**Cv Range**  
0.4 to 53  
\*\* High pressure designs are available on request

# Surplus/ Sustaining Valves



**Submarine Angle Valve**  
**Size Range**  
20NB to 250NB  
**Ends Connections**  
Flanged to customer requirements.  
**Material**  
Aluminium Bronze to Defence Standards, Class I, II & III Castings \*\*  
**Medium**  
Liquids  
**Pressure Range**  
To Customer Requirements  
**Maximum Temperature**  
To Customer Requirements  
**Seat Material**  
Metal to Metal  
\*\* Alternative materials on request



**ASBRO SDNR/SDSL Valve**  
**Size Range**  
6NB to 250NB  
**Ends Connections**  
Screwed 6NB to 50NB, Butt Weld Ends & Flanged to customer requirements.  
**Material**  
Aluminium Bronze to Defence Standards, Class I, II & III Castings, Carbon Steel & Stainless Steel.\*\*  
**Medium**  
Gases & Liquids  
**Pressure Range**  
To Customer Requirements  
**Maximum Temperature**  
To Customer Requirements  
**Seat Material**  
Metal to Metal, Nitrile & Viton.  
\*\* Alternative materials on request



**Type 9 Surplus (Balanced)**  
**Size Range**  
15NB to 200NB  
**Ends Connections**  
Screwed 15NB to 50NB, Flanged to customer requirements  
**Material**  
Carbon Steel, Stainless Steel, Gunmetal, Aluminium Bronze  
**Medium**  
Liquid & Gas  
**Set Pressure Range**  
0.70 to 10.00 Barg \*\*  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton)  
**Seat Material**  
Nitrile & Viton other materials on request  
**Cv Range**  
0.4 to 70  
\*\* High pressure designs are available on request



**Type A Surplus**  
**Size Range**  
15NB to 50NB  
**Ends Connections**  
Screwed BSP Female  
**Material**  
Stainless Steel  
**Medium**  
Liquid & Gas  
**Set Pressure Range**  
0.35 to 8.2 Barg  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton)  
**Diaphragm Material**  
Nitrile & Viton other materials on request

# Surplus/ Sustaining Valves

# Valves



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FLOW CONTROL

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innovative & effective solutions for industry

# Reducing Valves



### Type DH6/DH6I

#### Size Range

Inlet 40mm NB. with 40mm, 50mm, 65mm and 80mm Flanges  
Outlet: 65mm NB.

#### Ends Connections

Flanged and Screwed Inlets  
Outlet Screwed Male and Instantaneous Coupling to BS336

#### Material

Gunmetal, Aluminium Bronze, Duplex, 6MO, Titanium

#### Medium

Seawater and Water

#### Set Pressure Range

Outlet 1 to 10 Barg (with different springs)  
Maximum Inlet Pressure: 24 Barg

#### Design Code

Complies with BS5041



### Type A - General Purpose Steam PRV

#### Size Range

15NB to 50NB

#### Ends Connections

Screwed

#### Material

Stainless Steel

#### Medium

Steam

#### Maximum Inlet Pressure

21.00 Barg

#### Reduced Pressure Range

0.68 to 8.30 Barg

#### Maximum Temperature

260°C

#### Seat Material

Metal to Metal

#### Cv Range

1.6 to 3.4



### Type AB - Balanced Inlet PRV

#### Size Range

15NB to 50NB

#### Ends Connections

Screwed

#### Material

Stainless Steel

#### Medium

Liquid & Gas

#### Maximum Inlet Pressure

28.00 Barg

#### Reduced Pressure Range

0.68 to 8.30 Barg

#### Maximum Temperature

100°C (Nitrile), 200°C (Viton)

#### Seat Material

Nitrile & Viton other materials on request

#### Cv Range

3 to 10



### Type C7 - Self Acting PRV

#### Size Range

15NB to 50NB

#### Ends Connections

Screwed and Flanged to customer requirements

#### Material

Carbon Steel

#### Medium

Steam, Air, Gas & Liquids

#### Maximum Inlet Pressure

42.00 Barg

#### Reduced Pressure Range

0.35 to 10.00 Barg

#### Maximum Temperature

100°C (Nitrile), 200°C (Viton), 260°C (Steam)

#### Seat Material

Stainless Steel, Nitrile & Viton other materials on request

#### Cv Range

0.18 to 8.1



### Type C8 - Self Acting PRV

#### Size Range

15NB to 50NB

#### Ends Connections

Screwed and Flanged to customer requirements

#### Material

Stainless Steel

#### Medium

Steam, Air, Gas & Liquids

#### Maximum Inlet Pressure

42.00 Barg

#### Reduced Pressure Range

0.35 to 10.00 Barg

#### Maximum Temperature

100°C (Nitrile), 200°C (Viton), 260°C (Steam)

#### Seat Material

Stainless Steel, Nitrile & Viton other materials on request

#### Cv Range

0.18 to 8.1



### Type C9 - Self Acting PRV

#### Size Range

6NB to 100NB

#### Ends Connection

Screwed 6NB to 50NB, Flanged to customer requirements, butt weld & socket weld ends available

#### Material

Carbon Steel, Stainless Steel, Gunmetal, Duplex Stainless Steel

#### Medium

Steam, Air, Gas & Liquids

#### Maximum Inlet Pressure

83.00 Barg

#### Reduced Pressure Range

1.50 to 21.00 Barg \*\*

#### Maximum Temperature

100°C (Nitrile), 200°C (Viton), 260°C (Steam)

#### Seat Material

Stainless Steel, Nitrile & Viton other materials on request

#### Cv Range

0.18 to 36

\*\* Special designs for higher outlet pressures are available on request.

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Red

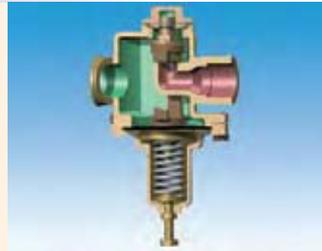
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**Type B2 – Pilot Operated Steam PRV**

**Size Range**  
15NB to 150NB  
**Ends Connections**  
Screwed 15NB to 32NB, Flanged to customer requirements  
**Material**  
SG Iron, Carbon Steel & Stainless Steel  
**Medium**  
Steam, Air & Gases  
**Maximum Inlet Pressure**  
28.00 Barg (15NB to 25NB) 25.00 Barg (32NB to 50NB) 21.00 Barg (65NB to 150NB)  
**Reduced Pressure Range**  
0.35 to 17.50 Barg  
**Maximum Temperature**  
260°C  
**Seat Material**  
Stainless Steel & PTFE  
**Cv Range**  
3 to 146

*\*\*High Pressure and Temperature versions available on request  
\*\*Low Pressure Top available 1 – 4 Psig*



**Type C3 – Self Acting PRV**

**Size Range**  
15NB to 100NB  
**Ends Connections**  
Screwed 15NB to 80NB, Flanged to customer requirements  
**Material**  
Gunmetal, Stainless Steel, Aluminium Bronze, Duplex Stainless Steel  
**Medium**  
Steam, Air, Gas & Liquids  
**Maximum Inlet Pressure**  
17.50 Barg (Steam), 21.00 Barg (Gas & Liquid)  
**Reduced Pressure Range**  
0.35 to 8.30 Barg  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton), 260°C (Steam)  
**Seat Material**  
Stainless Steel, Nitrile & Viton other materials on request  
**Cv Range**  
0.18 to 36



**Type C3-L – Low Pressure Tank Blanketing PRV**

**Size Range**  
15NB to 100NB  
**Ends Connections**  
Screwed 15NB to 50NB, Flanged to customer requirements  
**Material**  
Gunmetal, Stainless Steel, Aluminium Bronze, Duplex Stainless Steel  
**Medium**  
Air & Gas  
**Maximum Inlet Pressure**  
10.00 Barg  
**Reduced Pressure Range**  
10 to 350 mbar  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton)  
**Seat Material**  
Nitrile & Viton other materials on request  
**Cv Range**  
0.18 to 23



**Type C6 – Self Acting PRV**

**Size Range**  
15NB to 32NB  
**Ends Connections**  
Screwed and Flanged to customer requirements  
**Material**  
Gunmetal, Stainless Steel, Aluminium Bronze, Duplex Stainless Steel  
**Medium**  
Steam, Air, Gas & Liquids  
**Maximum Inlet Pressure**  
17.50 Barg (Steam), 21.00 Barg (Gas & Liquid)  
**Reduced Pressure Range**  
0.35 to 8.30 Barg  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton), 260°C (Steam)  
**Seat Material**  
Stainless Steel, Nitrile & Viton other materials on request  
**Cv Range**  
0.18 to 4.5



**Type C4 Fig 3 – Self Acting High Pressure PRV**

**Size Range**  
6NB to 100NB  
**Ends Connections**  
Screwed 6NB to 32NB, Flanged to customer requirements, butt weld & socket weld ends available  
**Material**  
Carbon Steel, Stainless Steel, Gunmetal, Duplex Stainless Steel  
**Medium**  
Steam, Air, Gas & Liquids  
**Maximum Inlet Pressure**  
345.00 Barg (6NB to 25NB) 138.00 Barg (32NB to 100NB)  
**Reduced Pressure Range**  
1.00 to 70.00 Barg \*\*  
**Maximum Temperature**  
100°C (Nitrile), 200°C (Viton), 260°C (Steam)  
**Seat Material**  
Stainless Steel, Nitrile & Viton other materials on request  
**Cv Range**  
0.18 to 36  
*\*\* Special designs for higher outlet pressures are available on request.*



**Type D – Balanced Inlet High Capacity PRV**

**Size Range**  
15NB to 200NB  
**Ends Connection**  
Screwed 15NB to 50NB and Flanged to customer requirements  
**Material**  
Gunmetal, SG Iron, Aluminium Bronze and Stainless Steel  
**Medium**  
Liquids  
**Maximum Inlet Pressure**  
20.00 Barg \*\*  
**Reduced Pressure Range**  
0.35 to 13.80 Barg \*\*  
**Maximum Temperature**  
100°C  
**Seat Material**  
Nitrile  
**Cv Range**  
2 to 64  
*\*\* High pressure design for inlet up to 45.00 Barg available on request.*



**Type W1 – Balanced Inlet High Capacity PRV**

**Size Range**  
15NB to 150NB  
**Ends Connections**  
Screwed 15NB to 50NB and Flanged to customer requirements.  
**Material**  
Gunmetal, Carbon Steel, Aluminium Bronze and Stainless Steel  
**Medium**  
Gases & Liquids  
**Maximum Inlet Pressure**  
20.00 Barg  
**Reduced Pressure Range**  
0.50 to 10.00 Barg  
**Maximum Temperature**  
100°C  
**Seat Material**  
Nitrile & Viton other materials on request  
**Cv Range**  
2.3 to 199



**Type WR – Pilot Operated High Capacity PRV**

**Size Range**  
100NB to 350NB  
**Ends Connections**  
Flanged to customer requirements.  
**Material**  
Gunmetal, Carbon Steel, Aluminium Bronze and Stainless Steel  
**Medium**  
Liquids  
**Maximum Inlet Pressure**  
25.00 Barg  
**Reduced Pressure Range**  
0.50 to 15.00 Barg  
**Maximum Temperature**  
100°C  
**Seat Material**  
Nitrile & Viton other materials on request  
**Cv Range**  
145 to 1700