

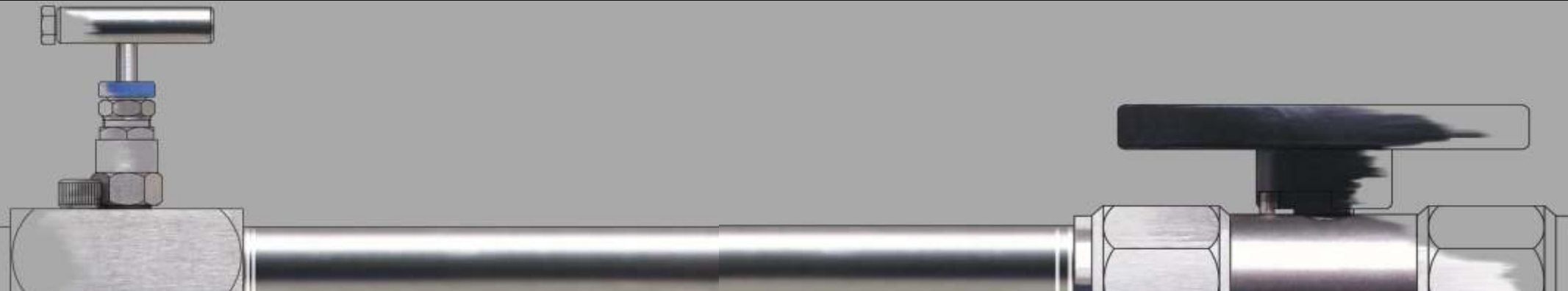
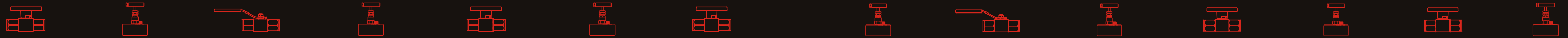


The Alco Valves Group are able to supply valves which are CE marked and comply with the Pressure Equipment Requirements PED 97/23/EC & PER (SI 1999 No.2001)

Local Support / Dealer:



Website: www.alco-valves.com
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Ball Valves
Check Valves
Needle Valves
Manifold Valves
Super Alloy Valves

Duplex 316ss Titanium Monel Hastalloy



B Series



SVR Series



XS Series



ZVG Series



SSB Series

As quality assurance requirements have grown in recent years we have continually improved our systems particularly in the field of material traceability. Full chemical and mechanical certificates can be supplied for all pressure retaining parts as opposed to body certificate only. Alco Valves operate ISO 9001 series quality assurance program which is regularly audited and certified by internationally recognised bodies such as Lloyds.

We have endeavoured to give a broad outline of our range and capabilities but as we are continually developing new products requested by our customers this brochure will, to some extent, be incomplete. Therefore if you have any requirements in the field of valves or manifolds please contact us for a prompt response.

Continuous development of Alco products may necessitate changes in the design or manufacturing processes. Alco Valves reserves the right to effect any such changes without prior notice.

Millions of Ball and Needle Valves in Service World-Wide.
Alco Valves Group (UK) The name you can trust!



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Ball Valves
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VALVE FLYER



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Needle Valves - high pressure

N - Series Needle Valves for high pressure control and isolation services. Constructed in 316 stainless steel as standard. Hard, self-centering, non-rotating tip for bubble tight seat and long service / field life. Multi-ring, bearing type, pressure dynamic wear resistant packing that reduces maintenance dramatically. Metal-to-metal body to bonnet seal for high integrity pressure seal and increased thermal tolerance. Pressure rated from vacuum to 6,000psi (N - series) or 10,000psi (UN - series) in sizes from 1/8" to 2" in size. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit standard or severe / corrosive applications. Also available firesafe to BS6755 Pt2

2 Valve Manifolds - threaded style

2VR - Series manifold for high pressure control, isolation and safe venting services. Constructed in 316 stainless steel as standard and having all of the advanced features of the N - Series needle valve this is a work-horse of a gauge manifold. Pressure rated from vacuum to 6,000psi (2VR - series) or 10,000psi (U2VR - series) in sizes from 1/4" and 1/2" sizes. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit standard or severe / corrosive applications.



2 Valve Manifolds - in-line style

2VG - Series compact in-line manifold for high pressure control, isolation and safe venting services including manometers and pressure gauges. Available integral male inlet as standard (can also be supplied male x male). Pressure rated 6,000psi (2VG - series) or 10,000psi (U2VG - series) in sizes from 1/4" and 1" sizes. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit standard or severe / corrosive applications.

3 Valve Manifolds - instrument applications

3VBD - Series Instrument manifold for high pressure isolation and equalization services. Constructed in 316 stainless steel as standard and having all of the advanced features of the N - Series needle valve. Pressure rated 6,000psi with 1/4" or 1/2" process connections to 2-1/8" (54mm) direct Instrument mounting. Available in 316 stainless steel, Duplex, Carbon Steel, Hastalloy, Inconell and other exotic materials to suit standard or severe / corrosive applications.



5 Valve Manifolds - direct mounting

5VBD - Series manifold for high pressure isolation, equalization and safe venting services. Specifically designed for close coupling to differential pressure transmitters (reducing - inaccuracies, weight and space requirements). Constructed in 316 stainless steel as standard and pressure rated 6,000psi with 1/4" or 1/2" process connections on 2-1/8" (54mm) x direct Instrument mounting. Available in 316 stainless steel, Duplex, Carbon Steel, Hastalloy, Inconell and other exotic materials to suit standard or severe / corrosive applications. Gas and Oil types available.

5 Valve Manifolds - pipe to pipe

5VR - Series manifold for high pressure isolation, equalization and safe venting services. Conventional threaded process and instrument connections for use with differential pressure transmitters. Pressure rated 6,000psi with 1/4" or 1/2" process and instrument connections on 2-1/8" (54mm) centers. Available in 316 stainless steel, Duplex, Carbon Steel and exotic materials. Gas and Oil types available.



Severe Service Needle Valve - HT / HP/ abrasive services

The awesome NVSS series needle valve for high pressure and high temperature isolation services. Metal-to-metal seat and body to bonnet sealing for extra strength and increased thermal tolerance. Threaded or welded process connections. Designed to meet the requirements of ANSI B16.34, rated up to 10,000psi. Suitable for temperatures up to 1290 Fahrenheit (700 Deg. Celsius). The NVSS also has the option of hard-faced tip and/or seat for use with abrasive process fluid services. Available in 316 stainless steel and certain other materials (depending upon application parameters). Bore sizes range from 6mm to 16mm. OS&Y Type 19mm bore

Ball Valves - panel mounting

PSB - Series panel mountable ball valves for high pressure isolation services. Constructed in 316 stainless steel as standard. Soft replaceable seats for bubble tight shut-off and long service. Pressure Dynamic floating ball design to resist seat wear - which reduces maintenance. Pressure rated from vacuum to 6,000psi (PSB series) 1/4" to 2" in size or 10,000psi (UB series) in sizes 1/8" to 2". Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit specific applications. Other options such as locking devices and actuation available



Fire Safe Ball Valves - high pressure

SSB - Series FIRE SAFE TESTED AND CERTIFIED Ball Valves for high pressure isolation services. Constructed in 316 stainless steel as standard. Soft primary seats for bubble tight shut-off and secondary metal-to-metal fire safe seating. Dynamic floating ball design. Pressure rated from vacuum to 3,000psi (SSB series) or 6,000psi (PSSB-series) 1/8" to 2" in size. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit specific or severe / corrosive applications.



Multi-Port Gauge Valves

34 - Series Multi-Port gauge valves for high pressure block and bleed of pressure gauges and other process instruments. Constructed in 316 stainless steel as standard. Soft seats for bubble tight shut-off and Dynamic floating ball design. Supplied with blanking plug and gauge venting plug (optional). Pressure rated from vacuum to 1,000psi (34 series) or 6,000psi (P34-series) in sizes 1/8" to 3/4" in size. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials to suit specific or severe / corrosive applications.



3 Way Valves - high pressure

3L, 3B & 3T - Series 3 way side or bottom entry "L" ported ball valves for high pressure diverting applications. Constructed in 316 stainless steel as standard. Soft replaceable seats for bubble tight shut-off and diversion. Pressure dynamic floating ball design. Pressure rated from vacuum to 1,000psi, 3,000psi, 6,000psi and 10,000psi and sizes 1/8" to 1" in size. Available in 316 stainless steel, Duplex, Aluminium-Bronze, Titanium, Hastalloy, Inconell and other exotic materials. Options such as locking devices and actuation available.



4 & 5 Way Valves - flexible designs

X4 & X5 - Series 4 and 5 way diverter, straight or double "L" ported ball valves for high pressure gas or liquid applications. Constructed in 316 stainless steel as standard. Soft replaceable seats for bubble tight shut-off and diversion. Pressure dynamic floating seat and trunnion ball design. Pressure rated from vacuum to 1,000psi, 3,000psi, 6,000psi and 10,000psi and sizes 1/8" to 1" in size. Available in 316 stainless steel, Duplex, Hastalloy, and other exotic materials. Options such as locking devices and fail-safe pneumatic or electric actuation available.



Check / Non-Return Valves - high pressure

EC - Series Piston type check valve for high pressure gas or liquid applications. Constructed in 316 stainless steel as standard. Soft replaceable primary seat for bubble tight seal and secondary metal-to-metal seal for extra safety. Pressure dynamic spring loaded piston design (various spring sizes are available). Large bore for lower pressure drop across the valve. Pressure rated 10,000psi in sizes 1/8" to 1", 6000psi in sizes 1 1/4" to 2", threaded or with twin ferrule tube ends.



3 & 5 Ball Valve Manifolds - roddable & soft seated

BVM5R - Series manifold for viscous or dirty services (Gas or Liquid). This range offers high pressure isolation, equalization and safe venting. Soft replaceable seats with 3/8" (10mm) clear bore suitable for rodding. Conventional 1/4" or 1/2" threaded process and instrument connections on 2-1/8" (54mm) centers for use with differential pressure transmitters. Pressure rated 6,000psi. Available in 316 stainless steel, Duplex, Carbon steel and exotic materials to suit specific process/instrument applications.

