

**oliver**valves



## Twinsafe Floating DBB Valve

- A two piece construction, flanged standard length Twinsafe has 2 ball valves in an ASME B16.10 standard length from 1", 1 1/2" and 2" bore sizes.
- FSL (flanged standard length) in classes 600, 900, 1500 and 2500lb, or FNSL (flange non-standard length) in 150 and 300lb.
- Benefits associated with the Oliver Valves DBB are exactly the same in Twinsafe, however health & safety, weight, cost saving is maximised a 100% more.
- **Space saving, cost saving** – the ability to replace one single isolate valve for retro-fit work with two or to reduce skid package footprint and still maintain full bore double block & bleeding is significant.
- **Weight saving, cost saving** – the single isolate valve using central spool piece to vent which is called for in many piping specifications good rule of thumb is half the weight is saved. This is a significant cost saving on carbon steel bodies, but is multiplied six-fold when exotic body materials are called for.
- **Reduced leak paths safety** – against a traditional hook-up to two single 3-piece isolated ball valves with traditional trunnion design and spool piece gives **a potential of 8 additional leak points!** Legislation is moving more to these leak points having to be individually tested to ensure the soundness of joint.
- **Cost saving – less items purchased.** In today's world total cost of project is reviewed by contractors and their users. Compared to a traditional hook-up, savings on completion times when you review the costs of man hour assembly, gaskets, bolts, pipes, valves and fabrication, plus specialist testing of MPI, radiography and coded welding, plus expediting department to call in all these parts.
- **Larger process return on full bore** – most products we compete against are reduced bore and also not a uniformly reduced bore, unless you have a ball valve, but bore shape can change or as with the butterfly valve restricts the centre of flow cavity. It also leads to some major problems, flow cavitation problems, hydrate formation problems and system pressure drop problems. The actual flow through the valve can also be immensely important.
- We have range of different material combinations with a range of seat materials from various soft seating materials to metal seated chrome carbide and tungsten carbide seats. Actuation can be pneumatic, electric, on both valves or one valve.
- Forged and cast bodies are available.

## Specials - Made to Order Valves

We are very happy to quote for valves made to order.

