

## WHY EVERY CUSTOMER SHOULD INSIST ON A OLIVER TWINSafe FLOATING DBB VALVE

reliability  
under  
pressure



- Oliver Twinsafe Valves produce a range of floating ball double block and bleed ball valves for critical piping applications.
- All Oliver Twinsafe Valves offer true double isolation with two independent ball valves contained in one valve body, guaranteeing absolute shut off and maximising the safe operation of any processing facility.
- Full through bore gives optimum flow capacity thus minimizing pressure loss and maximizing output.
- The range of floating valves are available in three distinct designs:
  - Two piece - bolted construction, either FSL (flanged standard length) - which has 2 ball valves in an ASME B16.10 standard length from 1", 1 1/2" and 2" bore sizes, in ANSI pressure classes 600, 900, 1500 and 2500, or COSL (compact Oliver standard length) in ANSI pressure classes 150 and 300; CSL (compact standard length) - single piece body with overall lengths in accordance with ANSI B16.10 up to 3" full bore Class 600 (larger sizes and pressure classes are available from our

trunnion valve range) FOSL (flanged Oliver standard length) - 3-piece bolted construction incorporating standard flanged ends or hub connections up to 3" full bore Class 600 (larger sizes and pressure classes are available from our trunnion valve range).

- A range of soft and metal seat materials are available to suit most applications.
- Standard vent valve option is an integral needle valve, but other options are available.
- Forged bodies, available in wide range of materials.

### The key benefits of the Oliver Twinsafe Valves are...

- **Space saving** – the ability to replace single isolate valves with a true double block and bleed valve, but within the same overall length, ensures that expensive pipework is kept to an absolute minimum thus reducing the overall space requirements for associated equipment.
- **Weight saving** – when compared to a conventional double block and bleed hook up of two separate ball valves with a central spool piece and vent valve, weight savings are considerable.
- **Safety (Reduced Leak Paths, Double Isolation)** – when compared to a traditional hook-up of two single 3-piece isolated ball valves with standard trunnion design and a spool piece, the Oliver Twinsafe solution reduces the number of potential leak points by 8. Legislation is moving toward these leak points having to be individually tested to ensure the soundness of each joint, which is an expensive and time consuming operation. Every Oliver Twinsafe Valve has two separate bi-directional ball valves ensuring true double isolation, with various options available for venting of the cavity between each ball valve.
- **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, considerable cost savings on each installation are achieved, plus additional savings on completion times when you review the costs of man hours for assembly, gaskets, bolts, pipes, valves and fabrication.
- **Full bore, maximum production rates** – full through bore ensures maximum flow rates and allows for pigging of production lines without restriction.

