

Two-way Tank-Safe (2WS and 2WD)

Two Way Holderless Rupture Disc

Elfab offer a Two-Way Tank-Safe solution suitable for a wide range of applications. Its unique composite construction comprising a slotted top section, seal membrane and vacuum support is capable of withstanding the same pressure on both sides of the disc (2WS) or two variable pressures each side (2WD).



This dual-pressure rupture disc acts as a single design for both positive and negative pressure protection, manufactured in Stainless Steel as standard and other materials upon request.

Non-fragmenting, low-cost solution

With its holderless design made specifically for applications where rupture disc holder installation isn't necessary, it is proven to be an extremely low-cost solution for demanding pressure relief needs. Contributing to low maintenance costs, this disc offers good life cycle resistance and excellent relief valve isolation.

Technical superior performance and reliability

Available in a range of sizes from 25mm – 300mm*, its unique construction benefits from a 5% tolerance, up to 40% operating ratio. Full bore relief is achievable as the disc is mounted directly in situ offering superior performance for a range of process conditions.

This two-way design is supplied with a suitable gasket to allow for direct installation in-between standard flanges.

Key Benefits

- No holder required
- Non-fragmenting bursting disc design
- Singular installation for both positive and negative pressure
- Low-cost solution
- Industry-leading 5% tolerance, up to 40% operating ratio
- Wide range of sizes and materials available

*For larger sizes, please contact Elfab directly.