

# LOW EMISSION VALVES



## LE SERIES | PIPELINE VALVES

The Oliver Twinsafe LE Series of trunnion-mounted ball valves have been specially developed to meet the demands of low fugitive emissions, at elevated temperatures up to 350°C.

Oliver has developed a patented design, working closely with a major seal manufacturer, to provide Class B leakage rate at high temperatures above 200°C.

The valves are available as a metal seated design, with specially selected materials of construction to ensure full compatibility with project requirements.

Valve Design	API 6D
Pressure Class	ASME Class 150 – 900
Temperature Range	-50°C to +350°C
End Connections	Flanged, Butt Weld, Hub
Size Range	1 to 18in (DN25 to DN500)

### DESIGN FEATURES

Single Isolate, DIB or DBB designs available
DVT Qualification tested to Shell standard 77/300
Advanced Polymer sealing technology
Forged 1 piece compact body, 2 piece or 3 piece body designs
Bi-directional sealing
Anti-static device
Anti-Blow out stem
Self-relieving seats
Manual or actuated operation (electric/pneumatic/hydraulic)



### TESTING & CERTIFICATION

- Independently tested by Shell to their DVT qualification standard 77/300
- Firesafe qualification testing to ISO 10497, API 6FA and API 607
- Fugitive Emission Testing to 77/312 Class BH
- Pressure Equipment Directive 2014/68/EU

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**Customised Valve Specialist**

**APPLICATIONS:** SOUR GAS, HIGH TEMPERATURE, NATURAL GAS & HYDROCARBON PROCESSING