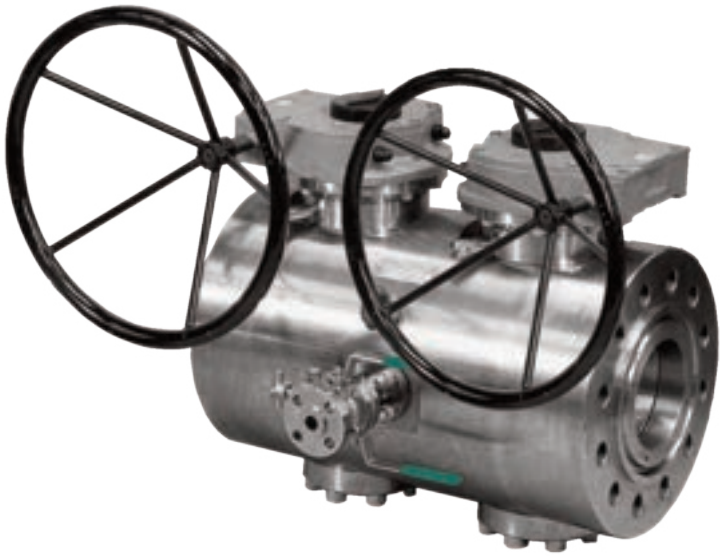
oliver H_2ydco$_2$valves

olivertwinsafe

HYDROGEN VALVES



Valve Design	API 6D, API 6A
Pressure Class	ASME Class 150 – 600
Temperature Range	-40°C to +121°C
End Connections	Flanged, Butt Weld, Hub
Size Range	1 to 18 in (DN25 to DN500)



H_2 CO_2 neutral

H_2G SERIES | PIPELINE VALVES

The Oliver Twinsafe H_2G Series of floating and trunnion-mounted ball valves have been specially developed for the requirements of Hydrogen applications.

Oliver has developed its own unique qualification program that exceeds current industry standards to ensure they are the market leader in this rapidly expanding industry sector.

The valves are available with zero through seat leakage in both soft and metal seated designs, with specially selected materials of construction to ensure full compatibility with Hydrogen.

TESTING & CERTIFICATION
- Third Party Witnessed Qualification
- Firesafe Qualification Testing To ISO 10497, API 6FA And API 607
- Fugitive Emission Testing To ISO 15848
- Pressure Equipment Directive 2014/68/EU
- Seat And Gland Endurance Testing
- Valve Signature Comparisons

DESIGN FEATURES

Bubble tight through seat leakage – soft or metal seats
Forged 1 piece compact body, 2 piece or 3 piece body designs
High integrity coating of ball and seats for metal seated designs
Bi-directional sealing
Single Isolate, DIB or DBB designs available
Suitable and proven for high-cycle operations
Anti-static device
Anti-Blow out stem
Self-relieving seats
Independent secondary stem seal tests
Low fugitive emission packing
Manual or actuated operation (electric/pneumatic/hydraulic)
Designed for rapid operation

SAWYE | HK Sawye International
Authorised distributor of Oliver Valves
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Technical reply within 24 hours | EN 10204 3.1 with every shipment
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QUALIFIED WITH 99.9% HYDROGEN

Customised Valve Specialist

APPLICATIONS: FUEL STATIONS, TRANSPORTATION, STORAGE & GAS METERING