



On Top of your pressure Tank

Alfa Laval Access Tank Cover - Circular Cover Type HLSD-2

Application

Outward opening manhole cover type HLSD-2 is used on top of pressurized tanks and containers where closeable means of access to the interior of the vessel is required. HLSD-2 is approved and can be used on pressure vessels according to PED 97/23/EC.

Working principle

HLSD-2 is secured in the closed position by swingbolts, which, together with the seal in the cover, ensure complete tightness. The cover is attached to the frame by a rigid hinge, giving exact location of the cover in the closed position and designed to stop the cover at an angle of 20-30° beyond the vertical position when opening.



TECHNICAL DATA

Sizes

7.87 in, 11.81 in, 15.75 in, 17.72 in, 19.68 in and 23.62 in.

Pressure

Max. allowable pressure: According to selection table

Min. allowable negative pressure: Full vacuum

Max. test pressure Ptest: According to selection table

Certificates

- 3.1 Certificate (EN10204)
- EC unit verification module G according to PED 97/23/EC
- FDA declaration §177.2600 for seal material
- ASME BPE Certificate (option)

Standard design

The HLSD-2 pressure cover is designed according to Merkblätter AD 2000 newest edition and designed for installation in pressure vessels until hazard category IV. The cover is not pressure tested and must be tested as a part of the pressure vessel.

- HLSD-2 is designed for fluid group 1 and 2.

PHYSICAL DATA

Materials

Product wetted steel parts: 1.4404 (AISI 316L)

Other steel parts: 1.4301 (AISI 304)

Seal: EPDM, FPM, Silicone, FEP covered silicone, FEP covered FPM, PFA covered silicone

Standard surface finish: Semi bright.

Outside Ra 64µin

Inside Ra 32µin

Temperature

Temperature range: -50°F to 482°F

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