

RELY ON EXCELLENCE

LSB6 Leakage collection reservoir

API 682 4th edition | Seal supply systems | Leakage detection and collection

Features

In accordance with [API Plan 65B](#), the EagleBurgmann leakage control systems of the LSB6000 range consist of a leakage collection tank with valve and overflow pipe. The level can be monitored with the differential pressure transmitter which is supplied together with a five-way manifold valve.

Functional description

In accordance with [API Plan 65B](#), the LSB6000 leakage control system is used to discharge leakage from single seals. The outboard leakage is collected in an external tank; the leakage volume is monitored (level in the tank).

Notes

Design and production available in accordance with EU Pressure Equipment Directive PED 2014/68/EU.

Design, calculation and production available acc. to ASME VIII, Div. 1.

3rd party inspection, ASME stamp on request.

Advantages

- Seal failure detection
- Safe discarding of excessive seal leakage
- To ensure durability, all components are corrosion resistant.

Standards and approvals

- API 682 / ISO 21049
- API 682 4th ed. Cat. 2/3 - 1CW-FL
- API 682 4th ed. Cat. 1 - 1CW-FX

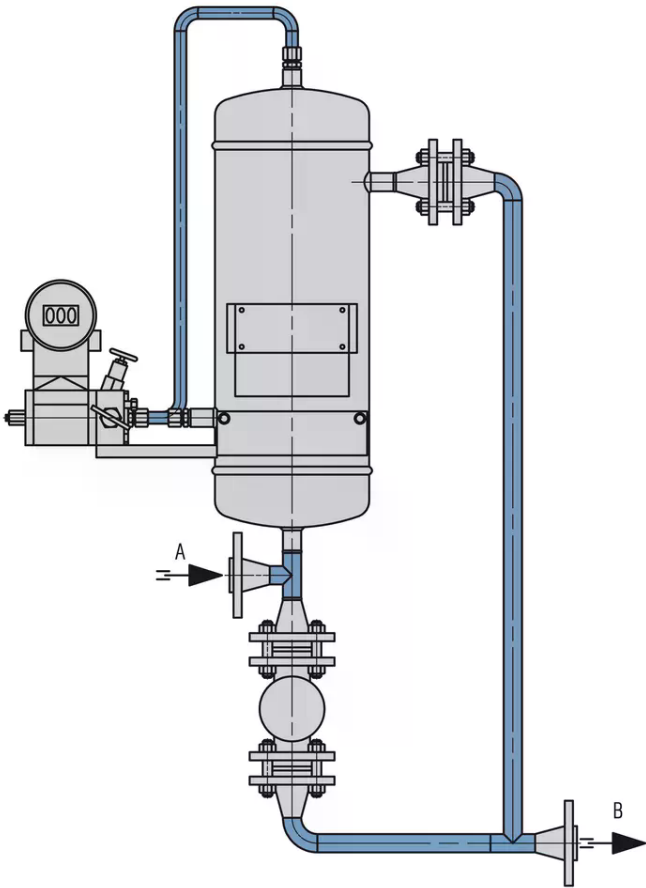
Recommended applications

- Refining technology
- Oil and gas industry
- Petrochemical industry
- Chemical industry
- Power plant technology

Recommended piping plans

[API Plan 65B](#)

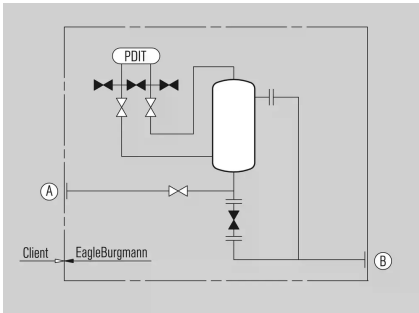
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LSB6000A4

A From mechanical seal
B To liquid collection system

Installation, details, options



P&ID for LSB6000A4
Leakage collection system

A From mechanical seal
B To liquid collection system

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Product variants

Designation	LSB6000A4
Design code	PED 2014/68/EU ASME VIII, Div.1
Volume of vessel (liters)	4
Allowable pressure ¹⁾	44 bar (638 PSI)
Allowable temperature ¹⁾	-20 °C ... +120 °C (-4 °F ... +248 °F)
Process connections	Flange 3/4", 600 lbs
Metal parts	316/316L

Other versions on request.

1) Design data, permissible working values depend on the actual conditions of service.