EagleBurgmann
a member of EKK and FREUDENBERG

RELY ON EXCELLENCE

LSC6
Leakage collection reservoir

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

Advantages

- Leakage collection tank with sight-glass
- Modular system: combination with a wide range of monitoring instruments possible

Standards and approvals

- API 682 / ISO 21049
- API 682 4th ed. Cat. 2/3 - 2CW-CS

Recommended applications

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

Recommended piping plans

API Plan 75

Features

The EagleBurgmann leakage control systems of the LSC6000A4 range are utilized to collect condensing or mixed phase leakage - vapor passing through. A level indicator is installed to determine when the tank needs to be drained. A pressure gauge tracks and indicates seal leakage.

Functional description

The LSC6000-A4 leakage control system is used to discharge leakage from liquid-lubricated single seals with downstream safety gas seals where the leakage is liquid under atmospheric conditions.

Notes

Design and production in accordance with EU Pressure Equipment Directive PED 2014/68/EU available.
Design, calculation and production acc. to ASME VIII, Div. 1 available.

3rd party inspection, ASME stamp on request.

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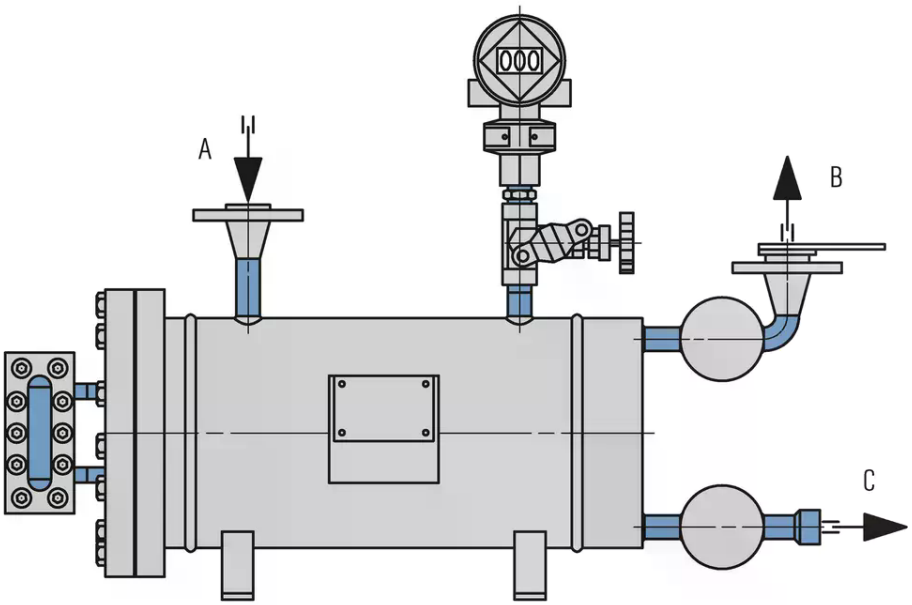
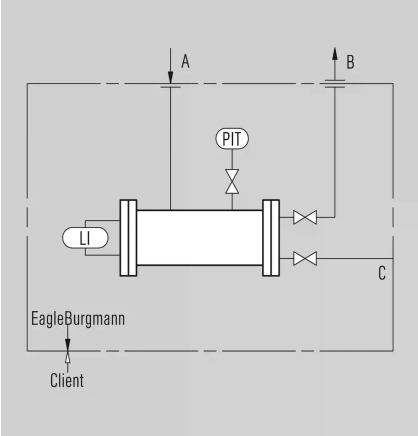
All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.



LSC6000A4

A From mechanical seal
B To vapor collection system
C Drain

Installation, details, options



P&ID for LSC6000A4
Leakage collection Reservoir

A From mechanical seal
B To vapor collection system
C Drain

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Product variants

Designation	LSC6000A4
Pressure Equipment Directive	PED 2014/68/EU | ASME VIII, Div.1
Volume of vessel	14 l
Allowable pressure1)	44 bar (638 PSI)
Allowable temperature1)	-20 °C ... +120 °C(-4 °F ... +248 °F)
Connection seal leakage	Flange 3/4", 600 lbs
Connection collecting system for condensing leakages	3/4" NPT(f)
Connection fluids collection system	Flange 3/4", 600 lbs
Metal parts	316/316L
Gaskets	PTFE, Burasil, Viton®, FKM

Other versions on request.

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

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