

RELY ON EXCELLENCE

LS050 (Plan 75)

Seal Supply Systems | Leakage control systems



Advantages

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

Standards and approvals

- PED 2014/68/EU (Design and production in accordance with EU Pressure Equipment Directive)
- ASME VIII, Div. 1 (Design, calculation and production)

Recommended applications

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

Functional description

The LS050 leakage control system in accordance with API Plan 75 is used to discharge leakage from liquid-lubricated single seals with downstream safety gas seals where the leakage is liquid under atmospheric conditions.

Notes

The EagleBurgmann leakage control systems of the LS050 range in accordance with API Plan 75 consist of a leakage collection tank with sight-glass and can be equipped with a wide range of measuring instruments.

Circulation in accordance with API 682 / ISO 21049: Plan 75

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Installation, details, options

Product variants

| Designation | LS050/M002-D0 | LSC6000A4 |
|--|---------------------------------------|---------------------------------------|
| Design code | PED 2014/68/EU | PED 2014/68/EU ASME VIII, Div. 1 |
| Volume, vessel (liters) | 14 | 14 |
| Allowable pressure ¹⁾ | 50 bar(725 PSI) | 44 bar(636 PSI) |
| Allowable temperature ¹⁾ | -20 °C ... +120 °C(-4 °F ... +248 °F) | -20 °C ... +120 °C(-4 °F ... +248 °F) |
| Connection seal leakage | 3/4" NPT(f) | Flange 3/4", 600 lbs |
| Connection collecting system for condensing leakages | 3/4" NPT(f) | 3/4" NPT(f) |
| Connection fluids collection system | Flange 3/4", 600 lbs | Flange 3/4", 600 lbs |
| Metal parts | 316/316L | 316/316L |
| Seal | T2, Burasil, Viton® | PTFE, Burasil, Viton®, FKM |

Other versions on request.

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