



CARTRIDGE BOX DIN 28138

LATTYmix RU 6812 D



SEALING FOR STAINLESS STEEL TOP ENTRY VESSELS TO DIN 28136



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Standard double cartridge seal, including sealed for life bearings, for top entry vessel applications.

Advantages

- ▀ Standard double cartridge, factory built, tested and preset ready to be installed.
- ▀ Independent of rotation direction,
- ▀ Mechanical seals, type U68,
- ▀ **Sealed for life bearings,**
- ▀ **No setting clips needed**
- ▀ Axial shaft deflection capability of +/- 2mm, without impact on operation,
- ▀ Double balanced, reverse pressure protected seals allow for full sealing capability during process upset conditions.
- ▀ Seal faces engineered to withstand high starting and break-out torque.
- ▀ Positive shaft drive through pinched drive ring means no shaft or sleeve damage.
- ▀ Independence of the two mechanical seals to preserve the safety of the double assembly,
- ▀ Seal chamber featuring V ring providing protection from possible process ingress.

Fields of application / industries

- ▀ Chemicals,
- ▀ Petrochemicals,
- ▀ Pharmaceuticals,
- ▀ Food processing,
- ▀ Cosmetics,
- ▀ Water treatment.

Fluids

- ▀ Powder,
- ▀ Gas,
- ▀ Steam,
- ▀ Toxic / non-toxic fluids.

Parameters (not associated)

- ▀ Pressure: vacuum to < 8 bars in tank
- ▀ Temperature: -40°C to +200°C
- ▀ Speed: < 5 m/s

Shaft diameter in rotation (in mm)

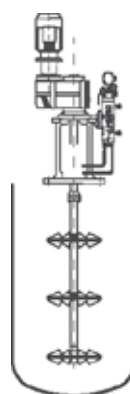
- ▀ 40, 50, 60, 80, 100, 125 (other on request)

Certifications

- ▀ ATEX zone 1 and 2, temperature class T3/T4 depending on the process temperature,
- ▀ FDA and EC 1935/2004 in standard version,
- ▀ DIN 28136 for steel vessels,
- ▀ DIN 28138 for mechanical seals,
- ▀ DIN 28141 for flange connections,
- ▀ DIN 28154 for shaft / box interfaces.

Materials

- ▀ Faces on product side: Silicon carbide (SiC) / Silicon carbide (SiC)
- ▀ Faces on atmosphere side: Carbon (C) / Silicon carbide (SiC), (version Silicon carbide (SiC) / Silicon carbide (SiC) on request),
- ▀ Secondary seals: Fluorocarbon (FFKM perfluoroelastomer on request)
- ▀ Metal parts: Stainless steel 316L (DIN 1.4404)
- ▀ Springs: Stainless steel.



Groupe LATTY offer a full range of sealant support and control monitoring systems for use with our LATTY double cartridge seals.

- ▀ Thermosyphon
- ▀ Lubrication unit

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