Mechanical Seal ESD142

Function
- Single-acting, product lubricated and independent from the direction of rotation mechanical seal
- Mechanical seal ESD142 is used as a flooded seal - horizontal or vertical installation

Advantages
- No addition seal liquid supply systems required
- Extended life time, with abrasive products

Working limits
- Operating pressure: vacuum ... 3 bar (abs.)
- Vessel temperature: -20...+100°C
- Shaft size: 20...80 mm
- Sliding speed: 0...5 m/s
- Certification: Acc. to ATEX 2014/34/EU

Materials
- Housing: Stainless steel, special materials
- Product-wetted parts: Stainless steel, special materials
- Seal rings: Silicon Carbide
- O-rings: FKM (Viton), FEP/FKM, FFKM (Kalrez, Chemraz etc.), special materials
- FDA approval: Possible for all product-wetted parts

Applications
- Biofuels and bio refineries
- Storage tanks
Design details ESD142

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All dimensions in mm. Other sizes available on request. Technical data are subject to changes.