The new generation: Mechanical seal ESD114
Especially designed for use in homogenizers

Advantages
• Improved cooling properties
• Longer service life due to lower wear
• For challenging process conditions
• Robust against axial movements, also applicable for standard motors
• Completely interchangeable with the previous model, no adaptation necessary

Function
• Double acting mechanical seal, liquid lubricated
• Perfect for high-speed shafts

Applications
• Formulated consumer products
• Products for cosmetics, pharmaceuticals and foods

Certification
• Acc. ATEX 2014/34/EU
• FDA approval possible for all product-wetted parts

Optimization through innovation
Specifications

- Operating pressure: 3 bar (abs.)
- Vessel temperature: max. 130°C
- Shaft speed: 1800/3800 rpm
- Sealing liquid: 20% glycerin / 80% water or oil

Materials

- Product-wetted parts: Stainless steel, Hastelloy, special materials
- Seal rings: Silicon Carbide
- O-rings: FKM (Viton) and other materials