



LR, LG & LA SERIES

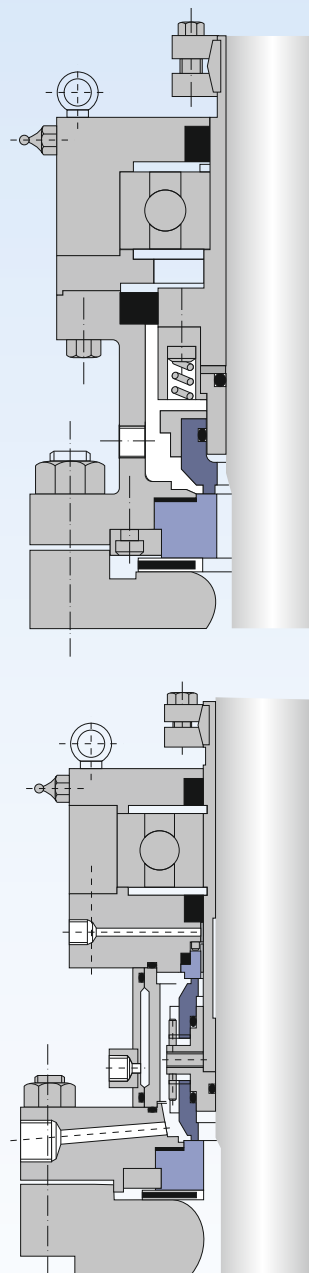
In chemical, pharmaceutical, food & oil refinery as well as process plants, diverse systems are employed for agitating, blending and mixing products. Mixers, agitators, reactors, filters, dryers, and other specialty equipment require low maintenance operation and safety, both to protect the environment and the workplace. The mechanical seal design must provide excellent performance in the application, allowing for axial and radial shaft movements.

LE-CON is focused specifically to provide the best mixer sealing solutions type LRS, LRSB, LRSJ, LRSJB, LRD, LRDB, LRDJ, LRDJB, LGDS, LGRS, LGRSB, LGRD, LGRDB & LADB are designed in such a way which covers under mentioned requirement of end users.

- Liquid lubricated, dry contacting or non contacting face technology
- Cartridge designs with and without bearing
- Top, bottom and side entry seals
- Modular designs allowing easy part replacement
- Cooling flange option
- Ability to design and engineer to customer and OEM specifications
- Designs engineered according to ISO and international standards
- Materials selected for corrosion resistance and long seal life
- Seal support systems to enhance reliability
- Knowledgeable and experienced mixer seal team support

Seal Characteristics

- ▶ Single Seal / Double Seal
- ▶ Unbalanced / Balanced
- ▶ Independent on direction of rotation



Operating Parameters

- ▶ Shaft Sizes d1 : 25...220mm
- ▶ Pressure p : vacuum40 bar (max)
- ▶ Temperature t : -20...220°C
- ▶ Speed v : up to 10 m/s

Materials

- ▶ Seal Faces : Carbon, SiC, Tung. Carbide
- ▶ Metal Parts : SS316, Hastelloy-C, Carpenter 20
- ▶ Sec. Sealing : O-ring / Packing

Applications

- ▶ General Chemicals and its vapours
- ▶ Petrochemicals and its vapours
- ▶ Light Hydrocarbons and its vapours
- ▶ Pharmaceuticals