



LCS SERIES

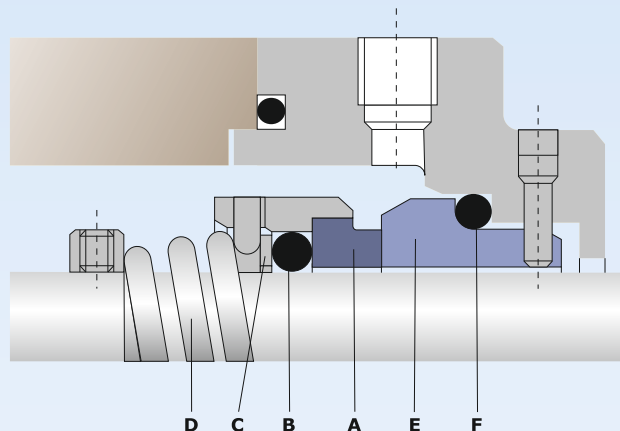
Type LCS Seals are single conical spring unbalanced seals with O-ring provided for secondary sealing. Since the Torque transmission is done by the single coil spring the seals are dependent on the directions of rotation, which is seen from the drive end of the shaft. Right handed spring and left handed springs are provided for clockwise and anticlockwise rotating shafts respectively. These seals can carry a variety of seals faces, serving applications in submersible, sewage, chemical transfer, water pumps etc.

Seal Characteristics

- ▶ Single Seal
- ▶ Unbalanced
- ▶ Dependent on direction of rotation
- ▶ Conical Spring

Operating Parameters

- ▶ Shaft Sizes d1 : 10...100mm
- ▶ Pressure p : 10 bar (max)
- ▶ Temperature t : -20...+180°C
- ▶ Speed v : up to 10 m/s



Part No. Description

- | | |
|---|-----------------|
| A | Seal Face |
| B | O-ring |
| C | Thrust ring |
| D | Conical Spring |
| E | Stationary Seat |
| F | O-ring |

Materials

- ▶ Seal Faces : Carbon, SiC, Tung. Carbide
- ▶ Metal Parts : SS304, Ss316
- ▶ Sec. Sealing : O-ring

Applications

- ▶ General Chemicals
- ▶ Sewage
- ▶ Water & Waste water