



TYPE LMS-80 & LMS-83

Type LMS-80 are multi spring, pusher type unbalanced seals used for universal applications. The seals are compact in design suiting all types of rotating equipments ,pumps and mixers. Drive lugs in the retainer will provide torque transmission and reduce slippage on shaft and sleeve. A snap ring holds all components together ,helping in easy installation. The parts are interchangeable, LMS-80 can be converted to LMS-83 by just changing the seal ring and the secondary member.

TYPE LMS-80B & LMS-83B

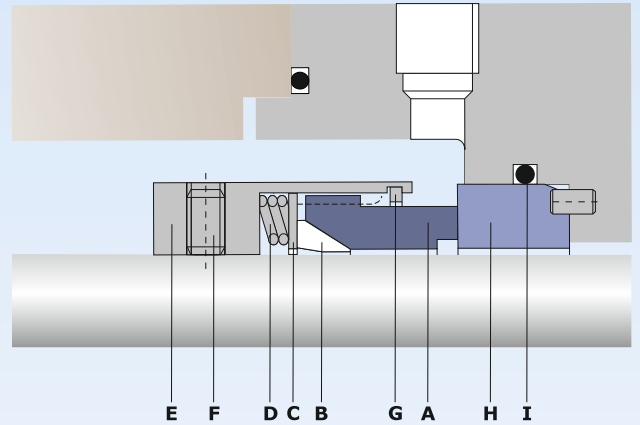
LMS-80B & LMS-83B mechanical seals are multi spring pusher type balanced seals suitable for high pressure application

Seal Characteristics

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

Operating Parameters

- ▶ Shaft Sizes d1 : 18...100mm
- ▶ Pressure p : 10 bar (max)
- ▶ Temperature t : -20...200°C
- ▶ Speed v : up to 23 m/s



Part No. Description

- | | |
|---|-----------------|
| A | Seal Face |
| B | Wedge |
| C | Thrusting |
| D | Spring |
| E | Retainer |
| F | Grub Screw |
| G | Snap Ring |
| H | Stationary Seat |
| I | O-ring |

Materials

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

Applications

- ▶ General Chemicals
- ▶ Petrochemicals
- ▶ Refineries
- ▶ Light hydrocarbons, Water