

### TYPE LDNC

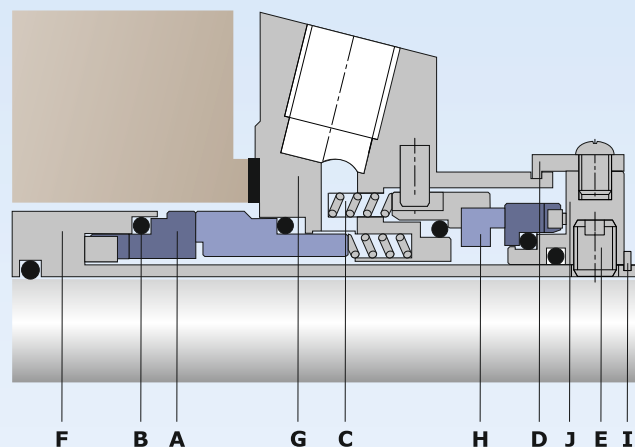
Type LDNC is double cartridge balanced seal specially developed for handling slurries, sludges, thick syrup and polymerising fluids. In the cartridge construction the springs are isolated from the fluid enhancing seal life. No damage of the shaft by dynamically loaded O-Ring. After detaching locating plates, the seal can be easily installed straight away without any setting measurements. LDNC is a sturdy, robust design seal capable of maintenance free operation which runs years together.

#### Seal Characteristics

- ▶ Double Seal
- ▶ Balanced
- ▶ Independent of direction of rotation
- ▶ Cartridge Unit

#### Operating Parameters

- ▶ Shaft Sizes            d1 : 20...100mm
- ▶ Pressure                p : 20 bar (max)
- ▶ Temperature           t : -40...+200°C
- ▶ Speed                    v : up to 16 m/s



#### Part No. Description

- |   |                 |
|---|-----------------|
| A | Seal Face       |
| B | O-Ring          |
| C | Spring          |
| D | Lock Plate      |
| E | Grub Screw      |
| F | Sleeve          |
| G | Gland           |
| H | Stationary Seat |
| I | Split Ring      |
| J | Drive Ring      |

#### Materials

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

#### Applications

- ▶ Pulp & Paper
- ▶ Slurry
- ▶ Sludge