



CHARACTERISTICS:

- Balanced.
- Multispring.
- Not dependent on the rotation direction.
- Barrier fluid connections.

OPERATING LIMITS:

$d_1 = 40 \div 220 \text{ mm}$ $p = 16 \text{ kg/cm}^2$

$v = 5 \text{ m/s}$ $t = -40 \div +300^\circ\text{C} (*)$

(*) The temperature resistance depends on the material of the secondary seals used.

The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

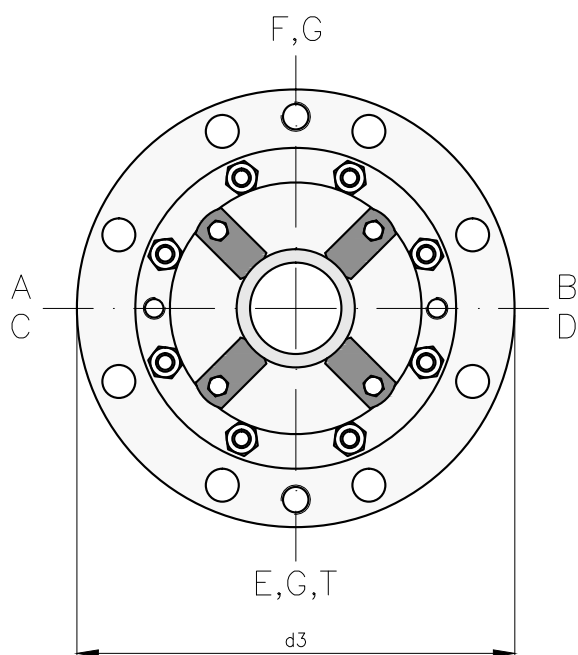
Special double cartridge for reactors and agitators.

The internal structure "Back to Back" is continuously lubricated by a liquid barrier, which must be pressurized between 1.5 and 2 kg / cm² above the working fluid.

Flange connection for steel vessels DIN 28141, shaft end for steel vessels DIN 28154 and DIN 28136 glass-lined vessels.

Floating bearing included.

All LDC80 models are for unstopped shafts based on (DIN 28154). For stepless shafts, use the reference LDC81.



FLANGE COMPONENTS

- A: Barrier fluid quench IN
- B: Barrier fluid quench OUT
- C: Drainage
- D: Leakage drain G 1/8"
- E : Cooling IN G 3/8"
- F: Cooling OUT G 3/8"
- G: Grease
- T: Temperature metering