Gipfel Engineering

ISO 9001-2015 CERTIFIED COMPANY

Rotary Shaft Lip Seal (O-Ring Energised PTFE Lip Design)

TYPE : LS791



Sealing Lip :

- PTFE / Filled PTFE

Energising O-Rings :

- FKM (Viton) / Nitrile (NBR) / EPDM

Hardware :

- SS 316 / Carbon Steel

Operating Limits :

Size : 40.0 mm to 300.0 mm / 1.500" to 12.000"
Speed : Up to 10 m/s (1,970 fpm)
Pressure : Up to 0.5 bar (7 psi)
Temperature : -20 °C to +200 °C (-4 °F to +392 °F)

Application :

- Rotary Airlock Valves
- Centrifugal Pumps
- Slurry Pumps (External Dust & Splash Protection)
- Mixers & Agitators
- Conveyors & Bulk Material Handling
- Gearboxes & Gear Reducers
- Fine-Powder Handling Systems
- Pharmaceutical Process Equipment
- Chemical Processing Equipment
- Water Treatment Equipment
- Cement, Mining & Power Plants
- Pulp & Paper Machinery

Meet: Gala No. 7, KMC Compound, Behind Hotel Metro Palace, Behram Baug Road, Jogeshwari (West), Mumbai - 400 102. Maharashtra, India.
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Features :

- **PTFE Sealing Lip** for low friction and excellent chemical resistance.
- **O-Ring Energised Design** for consistent lip contact force under varying conditions.
- **Cartridge Construction** for correct alignment, concentricity, and simple repeat replacement.
- **Lubricant Retention** for oil- and grease-lubricated bearings, gearboxes, and rotating shafts.
- **Contaminant Exclusion** against dust, fine powder, splash water, and process debris.
- **Flexible Lip Geometry** maintains stable contact under normal shaft runout and vibration.
- **Suitable for OEM & Retrofit Use** in pumps, conveyors, mixers, agitators, and gear reducers.
- **Cost-Effective Sealing** for rotary equipment where a mechanical seal is not required.
- **Temperature Limit Depends on O-Ring Material** (FKM, NBR, or EPDM).

➢ DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST

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