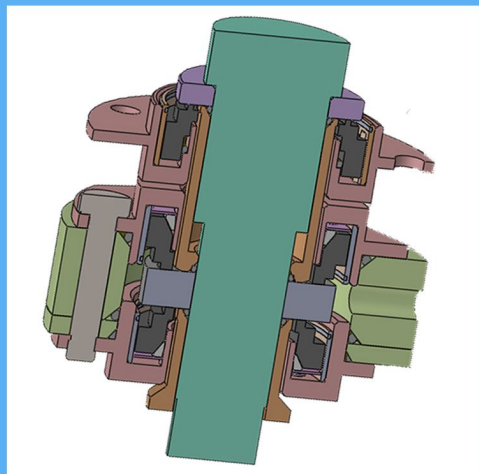


# DUAL PRESSURISED SEAL

## Sundyne Pump Seals

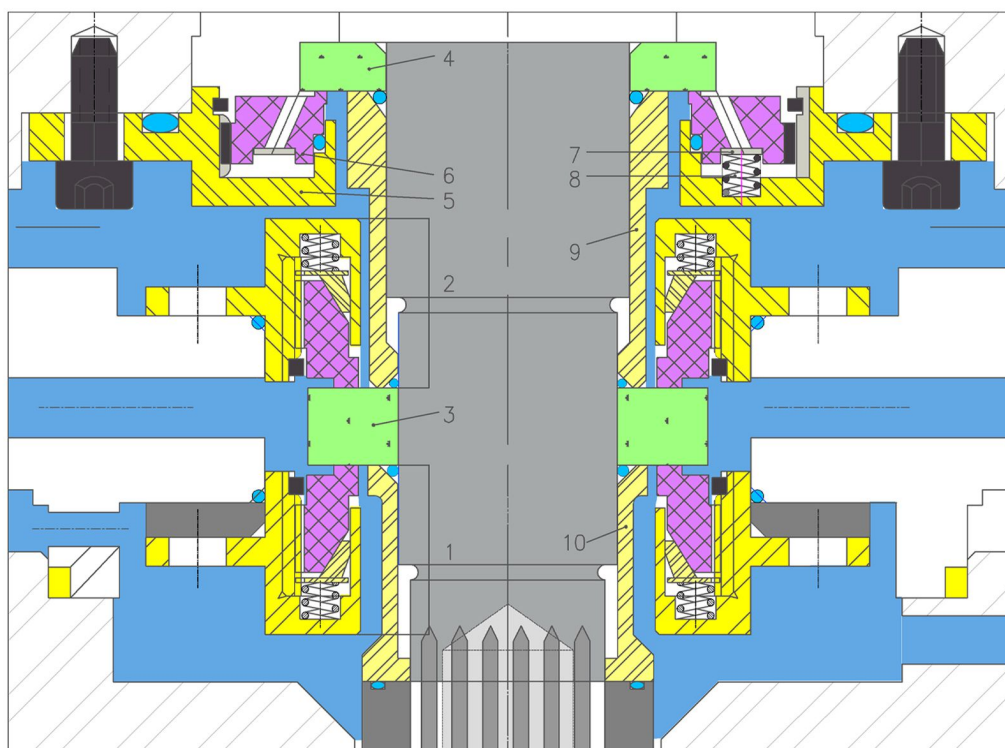


### Product Description

1. Double seal configuration
2. Balanced design
3. Independent of direction of rotation
4. Cartridge design construction
5. Multi spring Stationary
6. Face to face arrangement

### Technical Features

1. Can handle High Speed and High Pressure Services
2. Mainly Used in Integrally geared API pumps
3. API Plan 53 pressurised barrier system common rotating face
4. Recommended when pumping abrasive or hazardous liquid



### Industrial Application

Light Hydrocarbons  
Oil and gas industry  
Petro-chemical industry  
Refining technology  
Process pumps

### Material Of Construction

**Seal Face** :Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated  
**Seat**: Silicon-Carbide/ Tungsten- Carbide  
**Elastomer**: Viton / Kalrez / PTFE /EPDM  
**Metal Parts**: SS.S.316 / Hast'C / Alloy C-276  
Note : Other MOC Combinations On Request

### Available Sizes

1.250" and 1.500"

Note : Other Sizes On Request

### Operating Limits

**Pressure** =40 Bar ( 41 Kg/cm<sup>2</sup> )

**Temperature** = -40°C to 220°C

**Speed** =29000rpm

**Permissible axial movement** = ±2.0

### Suitable for Sundyne Pump Models

LMV & LMC - 311, 322, HMP 3000, LMV 341

Item	Description
1,2	Rotary (Ib&OB)
3,4	MR (IB&OB)
5	Gland plate
6	Seal ring
7	Thrust washer
8	Spring
9,10	Sleeve