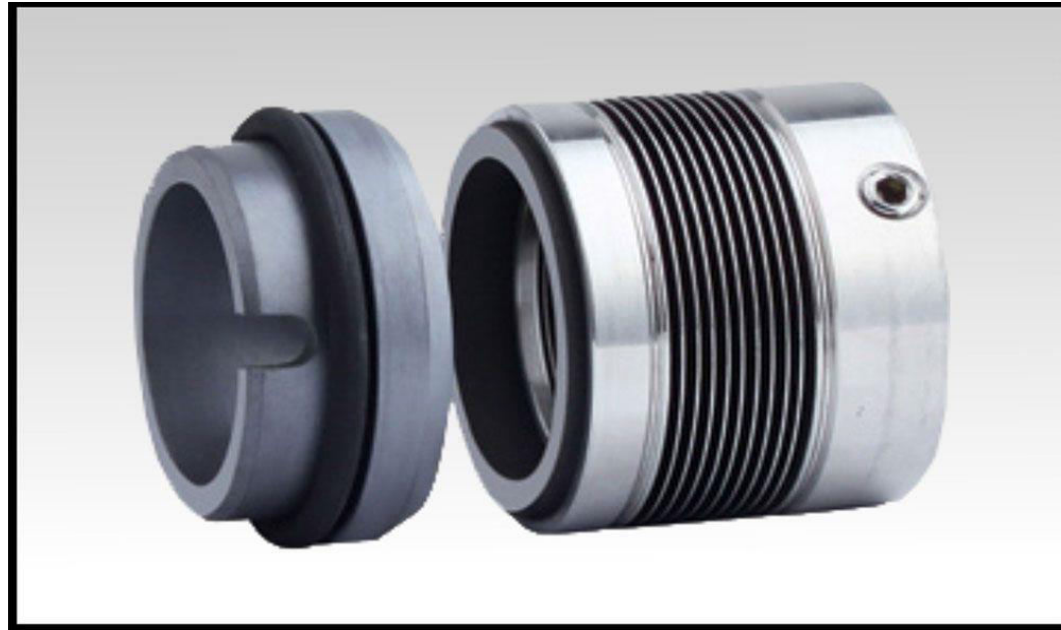


# METAL BELLOW MECHANICAL SEALS MANUFACTURER



" LEAK-PACK"

[www.mechanicalsealsindia.in](http://www.mechanicalsealsindia.in)

## BEST METAL BELLOW MECHANICAL SEALS SUPPLIER

- **Metal Bellow Mechanical Seals** – We are one of the best metal bellow mechanical seal manufacturers, manufacturing finest metal bellow mechanical seal and providing metal bellow seal design. Being one of the top most metal bellow seal supplier, manufacturer and exporter of the multiple types of mechanical seals, we provide the metal bellow seal manufactured and designed of very high quality raw materials.
- The metal bellows seals are utilized in place of spring and offer the best flexibility to seal. The seal is accessible as grafoil and rubber o-ring to use at enormously high temperatures. Metal bellow mechanical seal are easy to install and simpler to remove.
- We also manufacture rubber bellow mechanical seal, ptfе bellows mechanical seal, dry running single and double mechanical seal, mechanical seal for agitator and also provide rotary joints manufacturing as being top mechanical seals manufacturers in India.

## **LPS-161-IB, LPS-165IB & LPS-171-L-IB**

LPS-161-IB, LPS-165IB & LPS-171-L-IB series are welded metal bellow inherently balanced Mechanical Seal suitable for moderate temperature & pressure applications. It is independent of direction of rotation; these seals are mainly used in chemicals, petrochemicals & refinery process units.

Edge welded metal bellow seals are constructed by series of diaphragms together to form a bellows unit, the bellow unit eliminates the need for springs and provides flexibility to the seal faces in addition compensating for seal faces wear. These seal are available in O-ring as secondary seal to be use in suitable temperature conditions, these seals are comfortable to use in wide range of application as below:

## **MATERIAL OF CONSTRUCTION:**

### **SEAL FACES: (DYNAMIC & STATIONARY RING)**

Carbon-M, Silicon Carbide, Tungsten Carbide

### **SECONDARY SEAL:**

Viton, Kalrez, TCV

Hardware & Spring:

SS 316, SS 304, Carpenter-42, Hastelloy – C

### **WELDED BELLOW:**

AM 350, Hastelloy – C

## **APPLICATION:**

- Petroleum refineries
- Thermic fluid
- Petrochemicals
- General chemicals

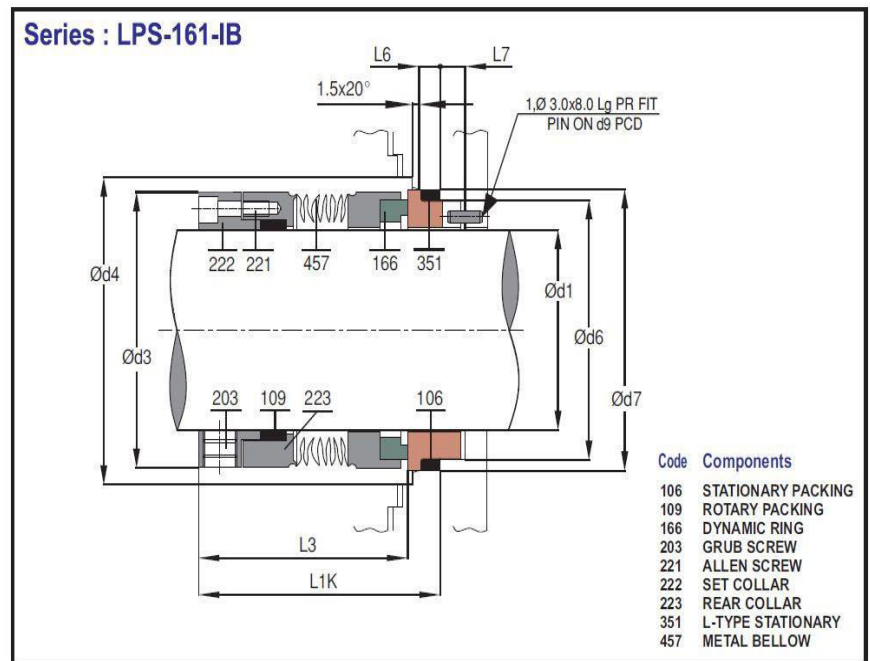
## **METAL BELLOW MECHANICAL SEALS CHARACTERISTICS:**

- Single acting
- Inside mounting
- Inherently balanced
- Welded metal bellows
- Independent of direction of rotation

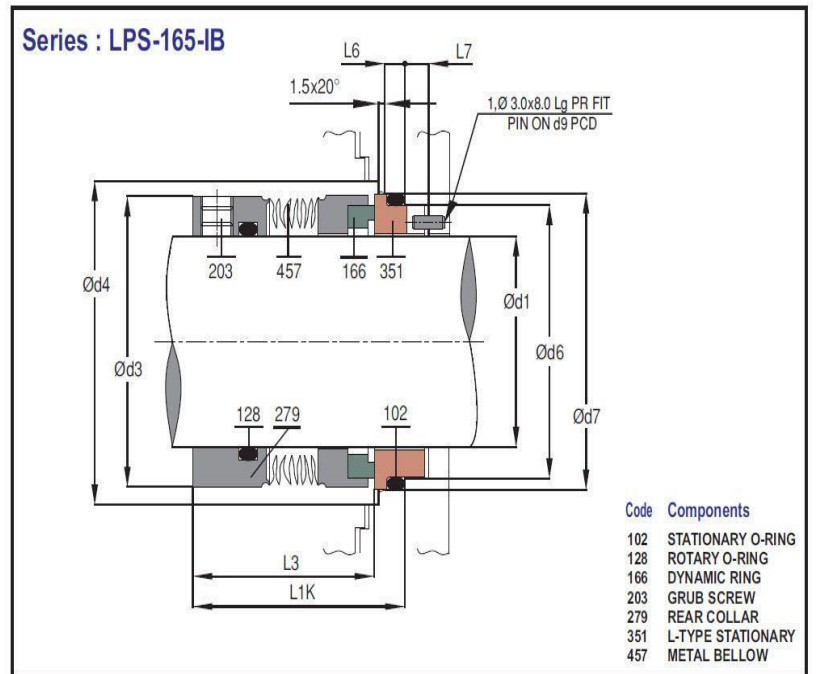
## **OPERATING PARAMETER:**

- Shaft diameter : 19 mm to 100 mm (0.75" to 4.0")
- Pressure : Up to 15 bar (kg/cm<sup>2</sup>)
- Temperature : -20°C to 280°C
- Shaft Speed : Up to 3000 RPM

# LPS-161-IB

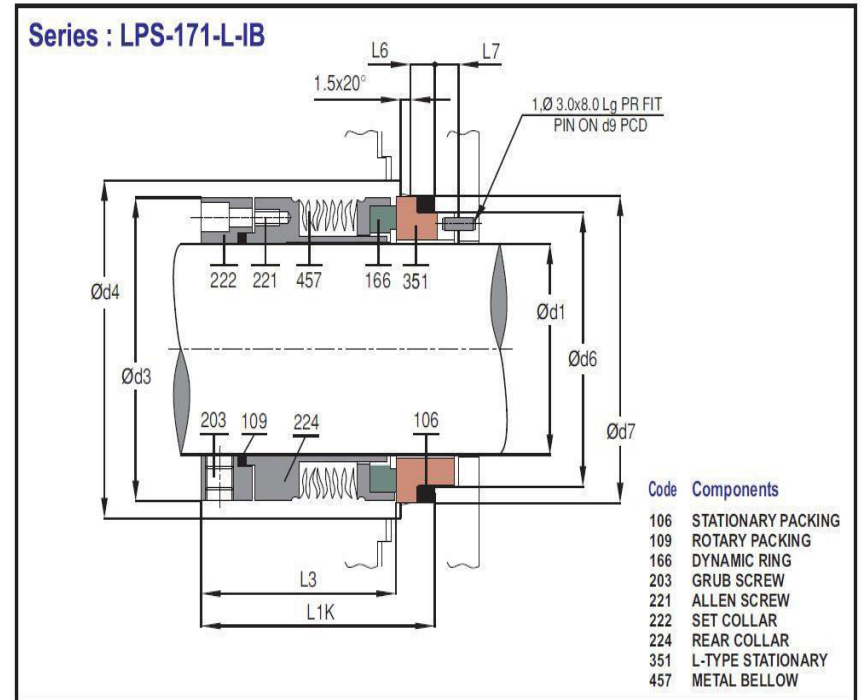


# LPS-165IB





# LPS-171-L-IB



# Contact Us

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