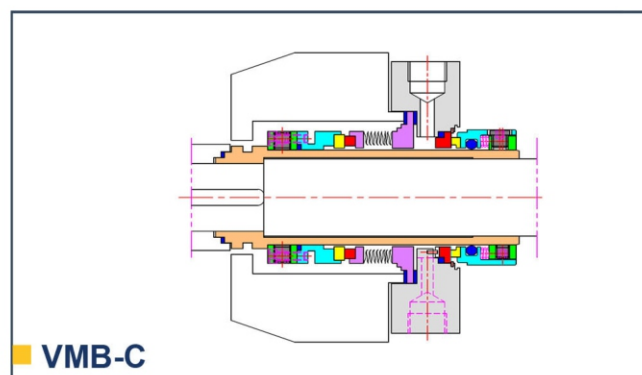


VMB-C - METAL BELLOW CARTRIDGE SEAL



- Description :

- Metal bellow Cartridge seals are destined for petrochemical, chemical, pharmaceutical and food processing industry, for process pumps and other equipment with rotating shaft. Rotating bellows design acts to clear convolutions and prevent accumulation of debris. These bellow seals are constructed by welding a series of diaphragms together at the edges to form a bellows unit. Recommended for high temperature applications e.g. hot oils, pitch, tar and other hydrocarbons, fuels, liquid gases and other mediums with low content of abrasives.

- Seal Features:

- Single Seal with quench and lip seal or throttle ring
- Metal bellow welded
- Inside mounted.
- Inherently Balanced Mechanical Seals.
- Independent of direction of rotation.
- Designed for extreme high temperature applications

- Operating Limits:

- Shaft Dia : 20mm to 100mm
- Pressure : Up to 25 bar
- Temp : -40°C to 350°C
- Speed : Up to 20m/s

- Materials :

- Seal Faces – Carbon, Silicon, TC
- Secondary Seal – Grafoil, Viton, FFKM,
- Metal Parts – SS316, Hast-C, Carpenter 42, Alloy-20
- Bellow MOC : HAST – C, AM350, Inconel

- Applications :

- Petrochemicals
- Thermic Fluid
- Oil refinery
- Foods & Beverages