

Single Cartridge Type VN10

API 682 Mechanical Seals



API 682 Category 2 & 3, Type B, Arrangement 1



Welded metal bellows



PRODUCT DESCRIPTION

API 682 Category 2 & 3, Type B, Arrangement 1 Single-cartridge metal bellows seal with a floating, segmented, or fixed bushing, independent of shaft rotation direction.

FEATURES

- API 682 Type B, Arrangement 1
- Easy-to-install single cartridge design
- Balanced
- Multiple springs
- Independent of shaft rotating direction
- Floating or segmented spring-loaded carbon throttle bushing
- Integrated pumping ring available
- Optional pumping ring
- Elastomers free

APPLICATION

- Hydrocarbons
- Refinery & Petrochemical industry
- Oil & gas industry
- Chemical industry

MATERIALS

- Seal face: Carbon antimony impregnated, SiC, TC
- Stationary seat: SiC, TC
- Secondary seal: Flexible Graphite
- Metal Parts: 316L, Alloy 718, Carpenter 42
- Optional materials on request

LIMITING FACTORS

- Shaft diameter: D1= 30...80mm
- Pressure: p1= vacuum to 20 bar
- Temperature: t= -75°C...+425°C
- Sliding velocity: Vg= 25 m/s