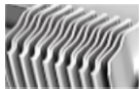
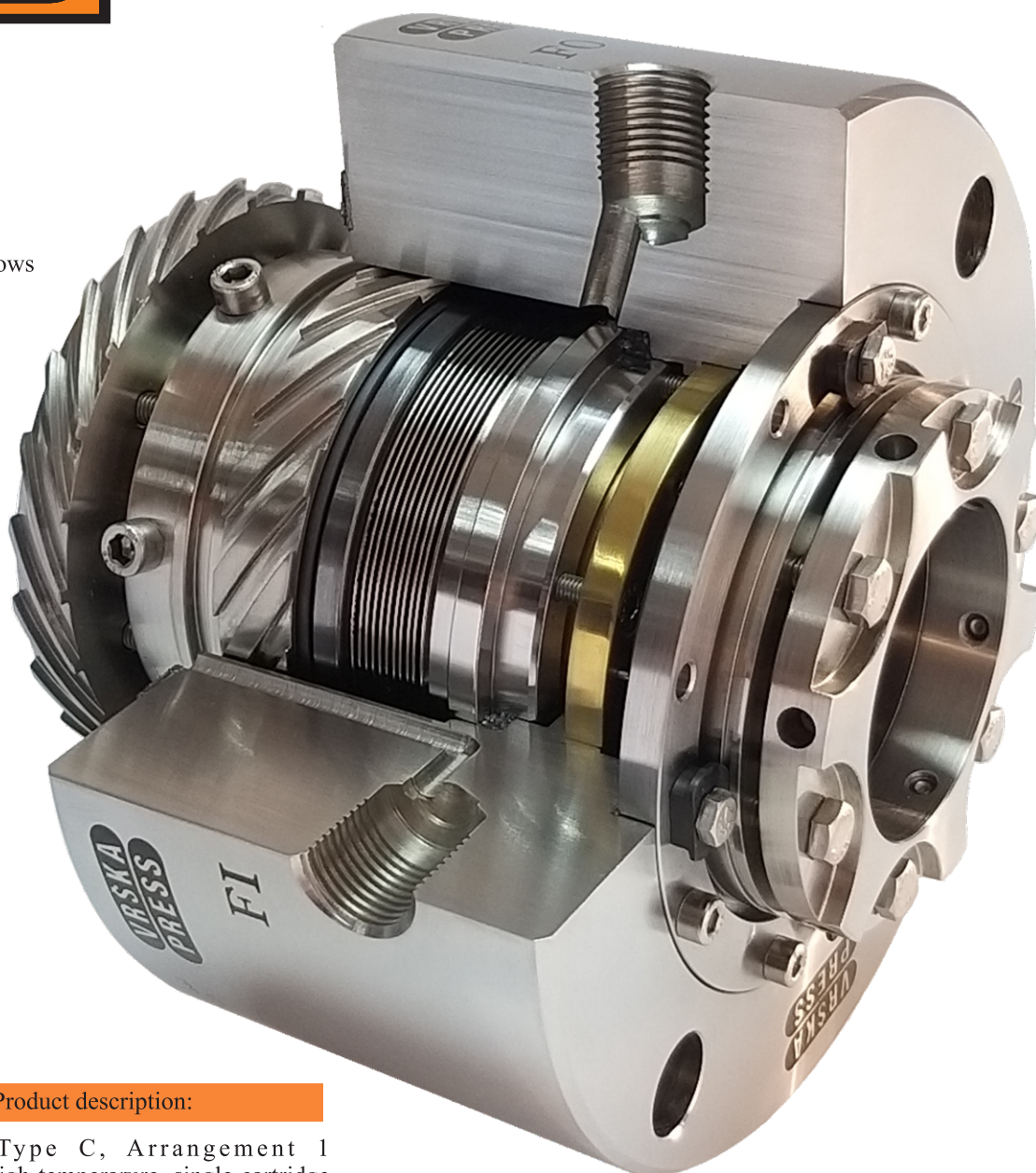


TYPE VN10

API 682 Type C, Arrangement 1 Metal bellows seal



Welded metal bellows



Product description:

API 682 Type C, Arrangement 1 Type VN is high-temperature, single cartridge metal bellows seal with floating or segmented throttle bushing and steam guide, independent of the shaft rotating direction. Pressure balanced metal bellows allow excellent angular and radial movement at high-speed. Designed to seal fluids in most refinery applications like hydrocarbons, crude oil products, aromatic fractionation product, chemicals...

Recommended Applications:

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

Operating range:

- Shaft diameter: D1 = 30...120mm
- Pressure: p1 = vacuum to 25 bar
- Temperature: t = -75°C...+425°C
- Sliding velocity: vg = 50m/s

Features:

- API 682 Type C, Arrangement 1
- Easy-to-install single cartridge design
- Balanced
- Metal bellows
- Independent of the shaft rotating direction
- Floating or segmented spring-loaded carbon throttle bushing
- With steam guide
- Integrated pumping ring available
- Elastomers free

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