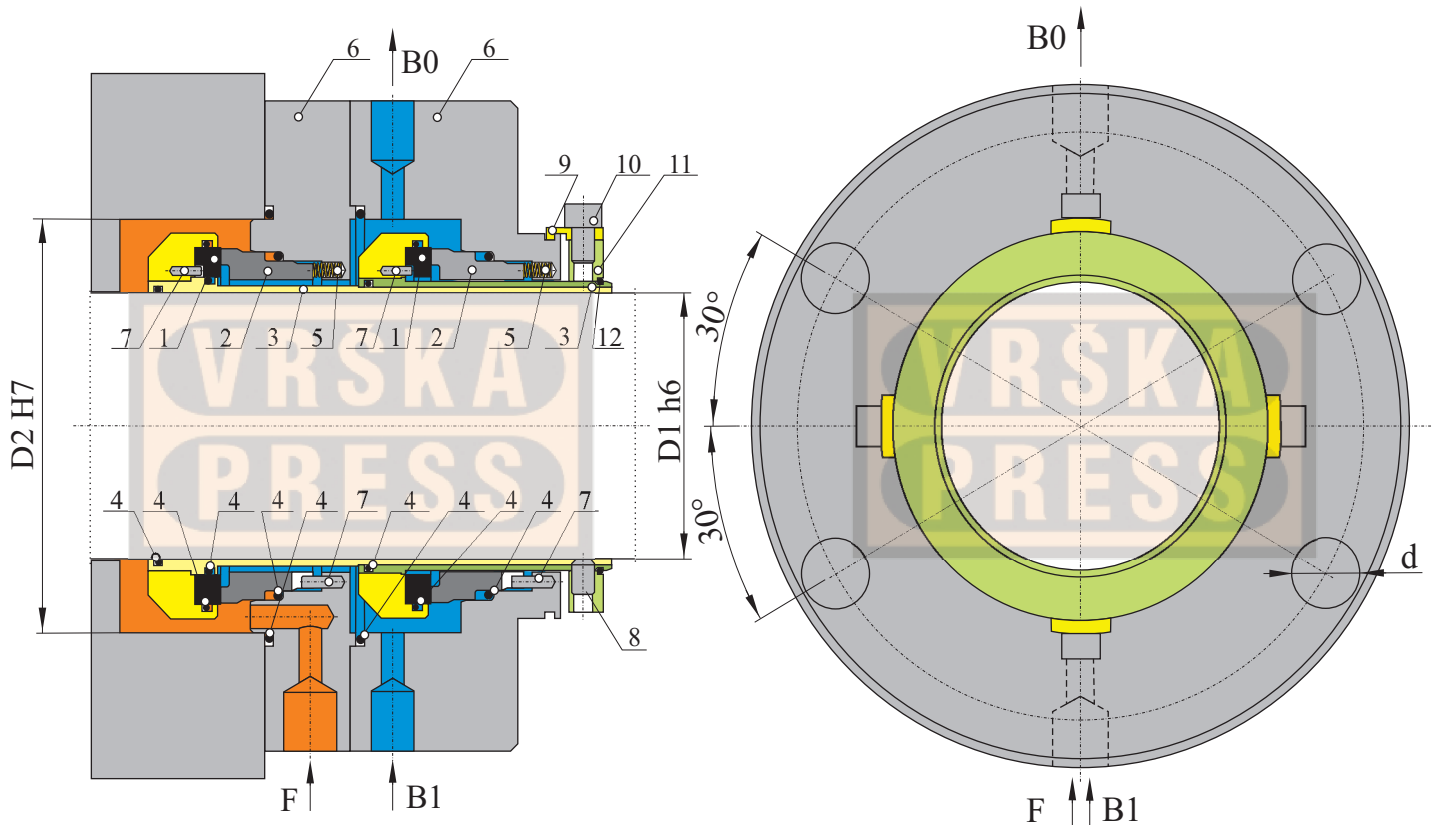
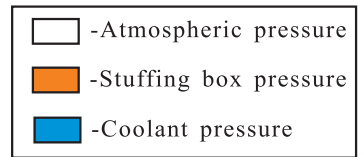


Type VX-1000

Double, Balanced, CARTRIDGE mechanical seal with cooling chamber



Working conditions

Double, balanced, cartridge mechanical seal with cooling chamber is best for working with abrasive and crystallizing fluids. At temperatures up to 204°C and pressures up to 25 (40) bar. This cartridge can endure both easy and hard industrial conditions. They found they use in refinery and petrochemical industries.

Design and constructive characteristics

Type VX-1000 mechanical seal have best performances when working with crystallizing, burning and freezing fluid. Sealing faces can be successfully flushed and cooled by means of buffer fluid (according to API 682 standard), supplied between the two pairs of sealing faces from another source, at pressure higher then the working pressure. It's cartridge design enables simple and efficient mounting.

LIMITING FACTORS

D1 = 50...100 mm
 p1 = 25 (40) bar
 t = 204 °C
 Vg = 17 m/s
 pV = 255 bar m/s

LIST OF ELEMENTS

1. Rotary seal ring
2. Stationary seat
3. Shaft sleeve
4. O-ring
5. Spring
6. Cover plate
7. Pin
8. Fixing screw
9. Assembly fixture
10. Tightening screw
11. Drive collar
12. Spring clip