



### Design and constructive characteristics

This type of mechanical seals is designed for hard working conditions, especially for boil water. Robust construction provide long life in extreme industrial conditions. It is the cartridge design that enables simple and efficient mounting.

### Working conditions

A double, balanced, cartridge mechanical seal design for work in boil water, at temperatures not exceeding 204°C and pressures up to 40 bar.



### LIMITING FACTORS

D1 = 40...110 mm  
 p1 = 40 bar  
 t = 204 °C  
 Vg = 17 m/s  
 pV = 255 bar m/s

### LIST OF ELEMENTS

1. Stationary seat
2. Rotary seal ring
3. Shaft sleeve
4. Fixing ring
5. Ring
6. Mechanical seal housing
7. Pin
8. Cylindrical pin
9. Fixing screw
10. Spring
11. O - ring
12. O - ring
13. O - ring