

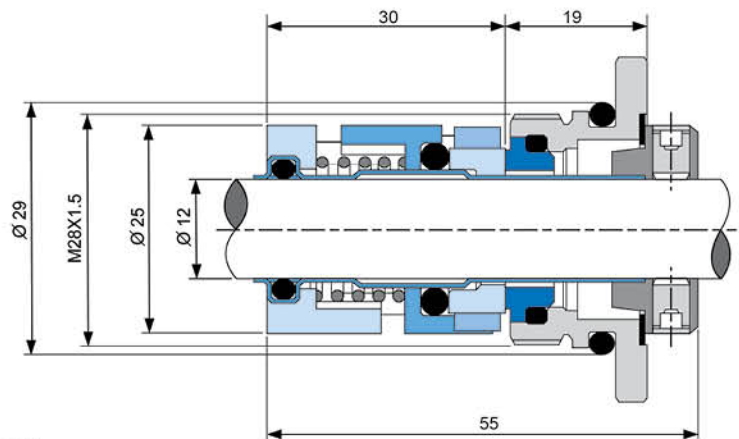
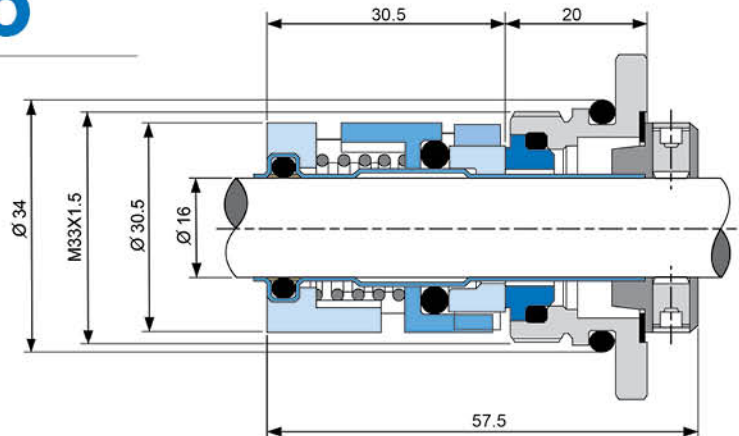


# Mechanical Seal Specification

Determine the best sealing solution for your applications.

Suitable for Grundfos Pumps

## TIB-CRH12/16



Mechanical seal model TIB-CRH12/16 is widely used for GRUNDFOS-PUMP. Balanced, cartridge O-ring seal unit with rigid torque transmission system. This seal type is assembled in a cartridge unit which makes replacement safe and easy. The balancing makes this O-ring seal type suitable for high-pressure applications.

The normal material combination include SiC/SiC/Viton/machined SUS.304 and TC/TC/Viton/machined SUS.304. We also can make changes as customers' requirement or totally design a new type of mechanical seal to meet clients' needs.

These mechanical seals are used for stainless steel vertical multistage centrifugal pumps.

They are suitable for use in Grundfos pumps :

CR1 / CRI1 / CRN1 / CR3 / CRI3 / CRN3 / CR5 / CRI5 / CRN5

CR10 / CRI10 / CRN10 / CR15 / CRI15 / CRN15 / CR20 / CRI20 / CRN20

### Operating Limits

- Pressure :  $\leq 1.0\text{MPa}$
- Speed :  $\leq 10\text{m/s}$
- Temperature :  $-30\text{ }^{\circ}\text{C} \sim +180\text{ }^{\circ}\text{C}$

### Standard Materials

- Rotary Seal Face : Silicon Carbide/  
Tungsten Carbide
- Stationary Seal Face : Silicon Carbide/  
Tungsten Carbide
- Secondary Seal : NBR/MITON
- Spring & Other Metal Parts : SUS304/SUS316