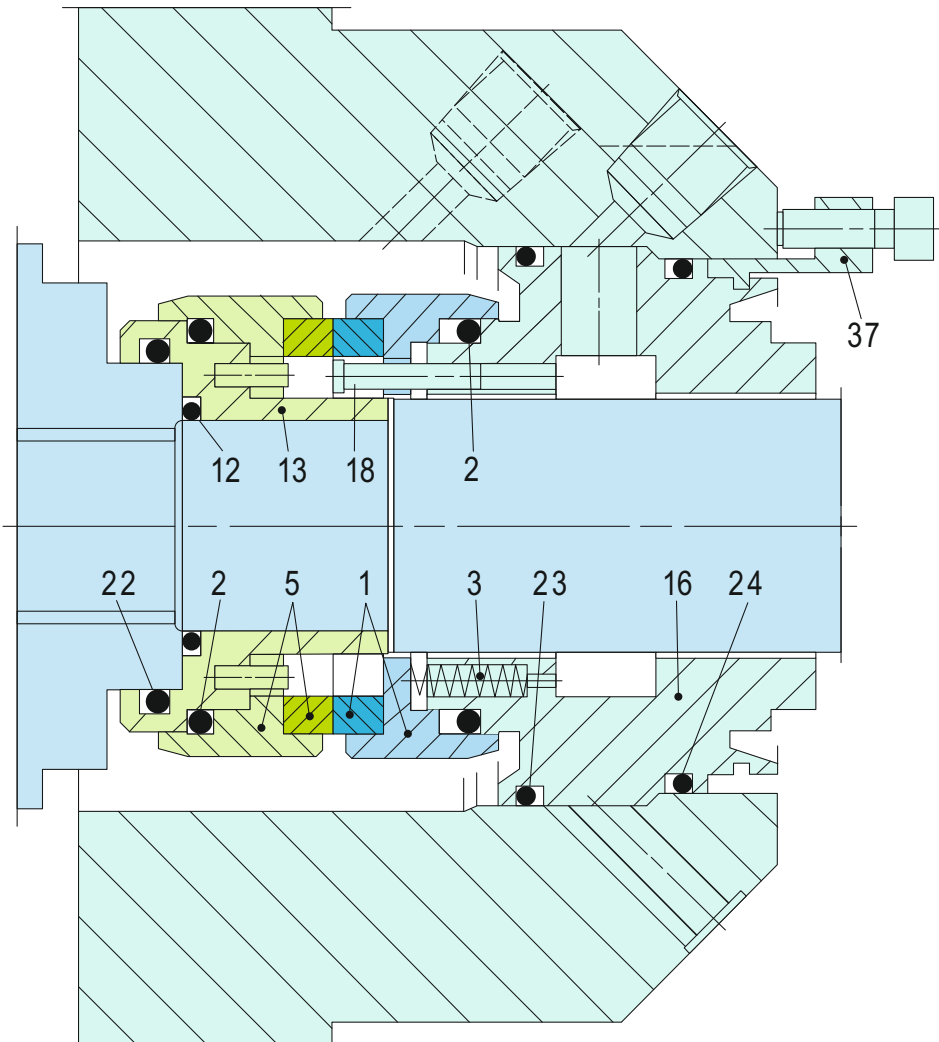


Product Description

1. Single seal configuration
2. Balanced design
3. Independent of direction of rotation
4. Semi-Cartridge construction
5. No dynamic O-ring on the shaft

Technical Features

1. O-rings are dynamically loaded to prevent shaft damage
2. Easy and trouble-free installation
3. Due to large radial clearance the damage to the seal faces are avoided, in addition to the seal faces being protected by strong steel parts
4. Misalignment during installation and operations is reduced due to the static springs



Typical Industrial Applications

Pulp and paper industry
 Chemical industry
 All clean none abrasive media

Performance Capabilities

Temperature: $t = -20\text{ }^{\circ}\text{C} \dots +140\text{ }^{\circ}\text{C}$
 ($-4\text{ }^{\circ}\text{F} \dots +284\text{ }^{\circ}\text{F}$)
 Pressure: $p_1 \dots 25\text{ bar (363 PSI)}$
 Sliding velocity: $v_g \dots 20\text{ m/s (66 ft/s)}$

Materials

Seal face: Silicon carbide (Q12), Carbon (A)
 Secondary seals: FKM (V), EPDM (E), FFKM (K)
 Metal parts: CrNiMo steel (G), Grade 5A (4T), SMO 654 (4U)

Suitable for following equipments

Ahlar UP A MS21 range of pumps
 Sulzer A, APP/APT pumps
 Sulzer SL mixers
 Metso conical refiners
 Stock pumps

Item	Description
1,5	Seal face
2, 12, 22, 23, 24	O-ring
3	Spring
13	Sleeve
16	Housing
18	Pin
37	Assembly fixture