



Product Description

1. Balanced
2. Independent of direction of rotation
3. No dynamic O-Ring on shaft
4. Seal faces have a large clearance to the shaft
5. Semi cartridge unit

Technical Features

1. No damage of the shaft by dynamically loaded O-Ring
2. Seal faces protected by strong steel parts and a large radial clearance
3. Static springs reduces influence of misalignment

Typical Industrial Applications

Pulp and paper industry
 Chemical industry
 All clean none abrasive media

Performance Capabilities

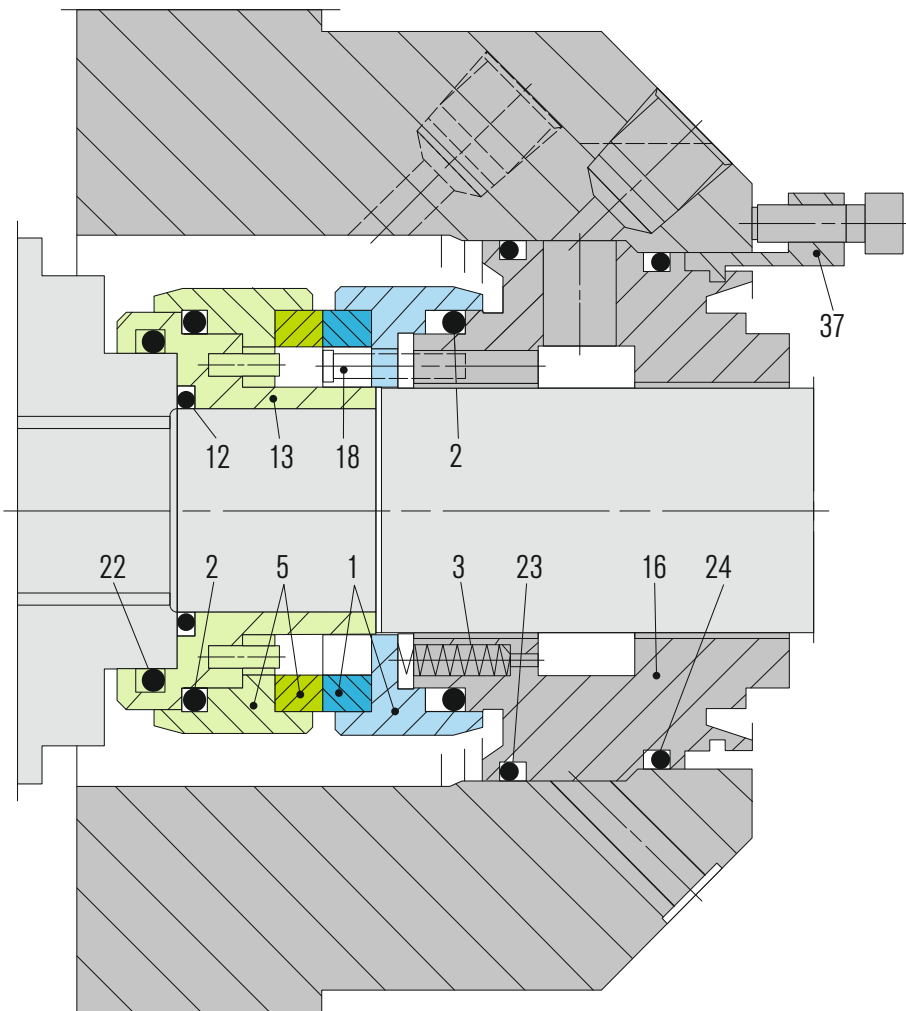
Temperature: $t = -20\text{ °C} \dots +140\text{ °C}$ ($-4\text{ °F} \dots +284\text{ °F}$)
 Pressure: $p_1 \dots 25\text{ bar}$ (363 PSI)
 Sliding velocity: $v_g \dots 20\text{ m/s}$ (66 ft/s)

Materials

Seal face: Silicon carbide (Q1 2), 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 UPAMS21 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