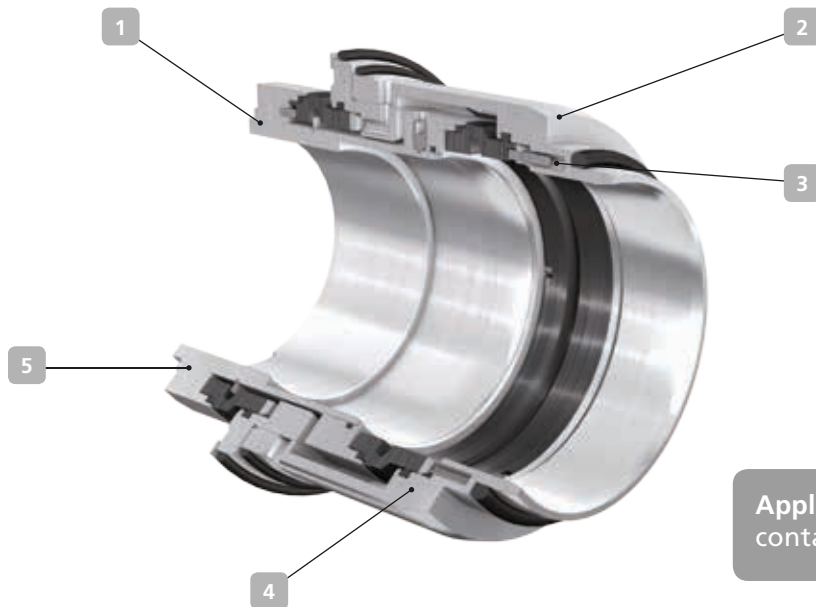


## 4STQ – for KSB's Sewatec / Sewabloc / Amarex KRT\* pump type series



**Applications:**  
contaminated waste water

### 1 Compact

Double mechanical seal in tandem arrangement, can be installed as one unit, bi-directional and balanced.

### 2 Versatile

For all operating conditions the pump is approved for.

### 3 Dependable

Stationary design, springs located outside the fluid handled in the oil reservoir. The springs are insensitive to contamination and provide uniform surface pressure across the seal faces, thus ensuring a long service life.

### 4 Robust

Tailored to the seal installation space and pump requirements.

### 5 Service-friendly

The modular design facilitates installation without assembly fixtures or adjusting dimensions, ensuring optimal pre-loading of the mechanical seal and low wear.

#### Technical description

Design	Double cartridge seal
Type	Stationary, balanced
Springs	Multi-spring arrangement
Direction of rotation	Bi-directional

#### Materials

Inboard	Primary and mating ring SiC (Q1)
Outboard	Primary ring: SiC (Q1) Mating ring: SiC (Q1) / tungsten carbide (U2)
Elastomers	FKM (V)
Springs	2.4610 (M)
Other Components	1.4122 (E)
Other material combinations on request	

#### Technical data

Operating pressure	Up to 10 bar, dynamic Up to 16 bar, static
Temperature	0 °C to 70 °C
Bearing bracket** (seal size)	S01 (022/025), S02 (033/033), S03 (033/055), S05 (065/065), S08 (120/120), S09 (150/150)
Business type	Engineered/Standard (KSB EasySelect)*

\* Only for seal sizes 022/025, 033/033, 033/055

\*\* It should always be checked if the seal size is compatible with the relevant bearing bracket or locating fit.