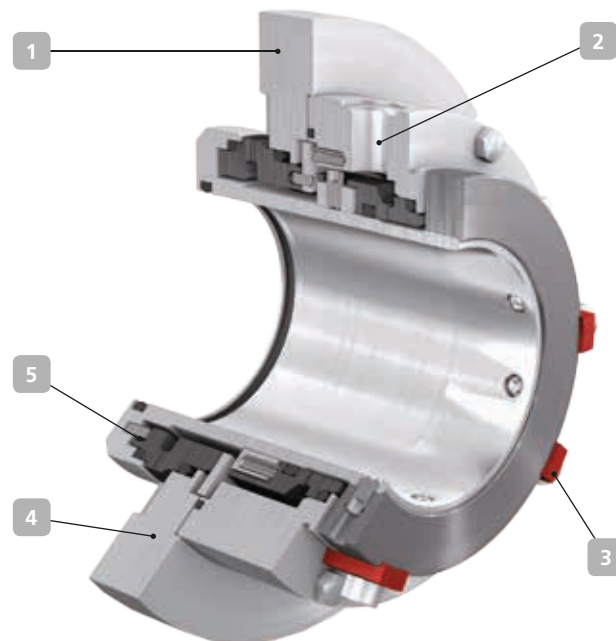


4ESD – for KSB's Etanorm-R pump type series



Applications:
drinking, service and hot water

1 Compact

Double cartridge seal, bi-directional and balanced. Tailored to the seal installation space and pump requirements.

2 Connections

G ¼" barrier/buffer fluid inlet, outlet and drain connections.

3 Service-friendly

The cartridge makes for easy installation, ensuring optimal pre-loading of the mechanical seal and low wear.

4 Applications

For increased safety levels and dry running protection when the pump is used in suction lift operation.

5 Dependable

Stationary: inboard, dynamic: outboard. The double mechanical seal's cartridge can be operated with either unpressurised buffer fluid (quench) or pressurised barrier fluid.

Technical description

Design	Double cartridge seal
Type	Stationary (inboard), Dynamic (outboard), Double pressure balanced
Springs	Multi-spring arrangement
Direction of rotation	Bi-directional
Additional information	Specially suited for low inlet pressures

Materials

Inboard	Primary and mating ring SiC (Q1)
Outboard	Primary ring 1.4122 (S) Mating ring "B" carbon (B)
Elastomers	FKM (V) / EPDM (E) / FFKM (K) / FEP-encapsulated (M1)
Springs	1.4571 (G)
Other Components	1.4571 (G)

Other material combinations on request

Technical data

Operating pressure	Up to 16 bar dynamic Up to 24 bar static
Temperatur	-30 °C to 140 °C
Bearing bracket (seal size)	65 (065)
Business type	Engineered