

4HG – for KSB's HGM-RO type series



Applications:
seawater

1 Compact

Single mechanical seal, bi-directional and balanced. Tailored to the seal installation space and pump requirements. The shaft protecting sleeve is integrated in the mechanical seal.

2 Applications

The materials selected are optimally suited to seawater applications. Springs made of Hastelloy, all metal components made of super duplex stainless steel.

3 Versatile

For all operating conditions the pump is approved for.

4 Reliable

Dynamic design with multi-spring arrangement. Sturdy and practical seal design.

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	Single mechanical seal
Type	Dynamic, balanced
Springs	Multi-spring arrangement
Direction of rotation	Bi-directional
Additional information	Various wear part kits available, see ZN3302

Materials

Primary ring	SiC (Q1)
Mating ring	SiC (Q1)
Elastomers	FKM (V)
Springs	2.4610 (M)
Other Components	1.4501 (G4)

Other material combinations on request

Technical data

Operating pressure	Up to 6 bar, dynamic Up to 25 bar, static
Temperature	0 °C to 70 °C
Bearing bracket (seal size)	R06 (100), R08 (120)
Business type	Engineered