> Our technology. Your success.

Pumps • Valves • Service



Simple replacement, double benefit:



Easy installation, long service life, low maintenance costs

A pump only works as well as each and every of its individual components. As one of the core components, the mechani- • 4KBL – for KSB's KWP-Bloc type series cal seal plays an important role. Should it • 4OM – for KSB's Omega type series fail, high costs are often incurred. For this reason, a high-quality mechanical seal that is fast to replace is crucial for trouble-free pump operation.

KSB's direct retrofit programme offers high-quality mechanical seals that can be installed in the pump quickly and easily without requiring any adjustments. The robust and wear-resistant design of the single seals makes for a long service life which, in turn, ensures low maintenance costs.

Our direct retrofit mechanical seals:

- 4HL for KSB's HPK-L type series

- 4RD for KSB's RDLO type series

Your benefits

- One contact person for the entire system: service, pump, mechanical seal
- High-quality engineering at reasonable
- Easy installation no need for modifications
- Maximum system availability and reliability
- Short delivery and response times as almost all types and sizes are in stock
- On request: special materials without high extra costs

Technical details

of KSB's direct retrofit mechanical seals

All mechanical seals, except for type 4RD, comprise the shaft protecting sleeve or spacer sleeve of the pump. The primary ring is integrated in a complete, dynamic unit which cannot fall apart. The advantage of this design: The dynamic unit can be fitted as one component, eliminating the risk of any damage during installation.

On competitor seals, the dynamic O-ring is fitted on a shaft protecting sleeve. The axial movements of the O-ring can lead to rubbing contact on the shaft protecting sleeve, which will then need to be replaced after some time. On KSB's seals (except 4RD) the dynamic O-ring is always fitted on a part of the mechanical seal, which prevents any damage to the shaft protecting sleeve of the pump. You benefit from low maintenance costs.



