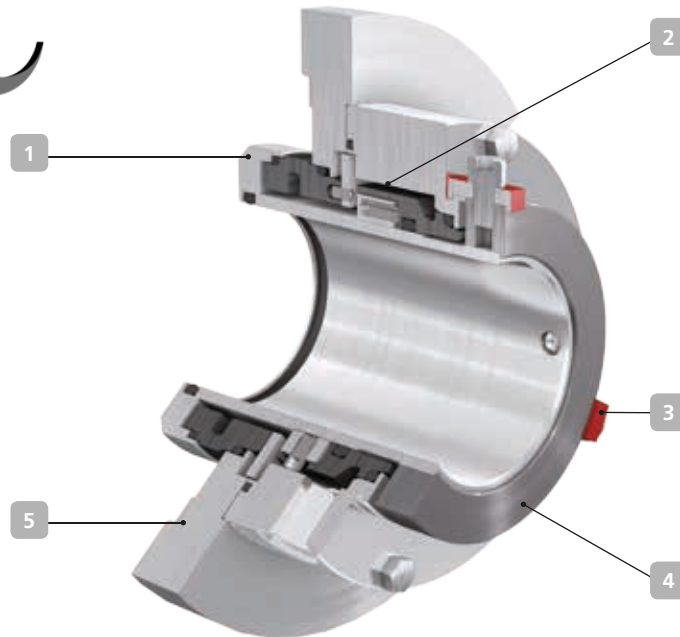


4CPD – for KSB's MegaCPK / CPKN type series



Applications:
chemical and petrochemical
industries

1 Compact

Tailored to the cartridge installation space (DIN24960-C). Easy installation, no adjustments required when installing.

2 Dependable

Dynamic design; the double mechanical seal's cartridge can be operated both with unpressurised quench liquid and with pressurised barrier fluid.

3 Service-friendly

Assembly fixtures ensure optimum pre-loading of the cartridge.

4 Versatile

For all operating conditions the pump is approved for.

5 Robust

The mechanical seal cover is centred on the pump cover and confines the PTFE gasket.

Technical description

Design	Double cartridge seal
Type	Stationary (inboard) Dynamic (outboard) Double pressure balanced
Springs	Multi-spring arrangement
Direction of rotation	Bi-directional

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 25 bar, dynamic Up to 37.5 bar, static
Temperature	-20 °C to 150 °C
Bearing bracket (seal size)	P02/UP02/CS40 (033), P03/UP03/CS50 (043), P04/UP04/CS60 (053), P05/UP05/CS80 (065)
Business type	Engineered