

Perfect sealing solutions for standardised chemical pumps by KSB



For all applications of standardised chemical pumps CPK, CPKN and MegaCPK KSB has a perfectly matching mechanical seal on offer. The range covers standardised seals to EN 12756 for low to medium requirements as well as single and double cartridge seals for demanding applications. The design has been optimised specifically for the pump – KSB seals stand out from standardised competitor products through their operating reliability, long seal life and by being easy to install and remove.

Your benefits:

- One contact person for the entire system: pump, mechanical seal, service
- High-quality engineering at reasonable prices
- Maximum system availability and reliability
- On request: special materials without high extra costs

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Our seal portfolio offers matching seals for all applications



5KSCB2S

for CPK / CPKN / MegaCPK

Design	Single cartridge seal
Type	Dynamic, balanced
Operating pressure	Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-5 °C to 250 °C

Also available as single cartridge seal in quench design and as double cartridge seal



4CP

for CPK / CPKN / MegaCPK

Design	Single cartridge seal
Type	Stationary, balanced
Operating pressure	Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-20 °C to 150 °C



4CPD

for CPK / CPKN / MegaCPK

Design	Double cartridge seal
Type	Stationary (inboard) Dynamic (outboard) Double pressure balanced
Operating pressure	Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-20 °C to 150 °C



5A and 5B

for all KSB type series with a
standardised seal to EN 12756

Design	Single mechanical seal
Type 5A	Dynamic, unbalanced
Type 5B	Dynamic, balanced
Operating pressure	5A: Up to 16 bar dynamic 5B: Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-30 °C bis 220 °C

Also available with pumping screw and as double mechanical seal



4C / 4CN

for CPK / CPKN

Design	Single mechanical seal
Type	Stationary, balanced
Operating pressure	Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-20 °C to 150 °C



SDPN16

Thermosyphon System	Plan 52 or 53A
Pressure	Up to 16 bar
Temperature	-60 °C to 200 °C
Total volume	8 litres



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