

# 5KSCB2S – for KSB's CPK / CPKN / MegaCPK pump type series



**Applications:**  
chemical and petrochemical industries

## 1 Compact

The single cartridge seal makes for easy installation without adjusting dimensions.

## 2 Service-friendly

A positioning lug ensures optimum pre-loading of the cartridge.

## 3 Universal

The standard cartridge seal is designed for universal use. It fits perfectly into the installation spaces standardised in the chemical industry, e.g. MegaCPK and CPKN.

## 4 Versatile

Suitable for all operating conditions the pump is approved for. Available in many material combinations.

## 5 Interchangeable

The seal can replace other standard cartridge seals such as Burgmann Cartex SN without any modifications.

### Technical description

Design	Single cartridge seal
Type	Dynamic, balanced
Springs	Multi-spring arrangement
Direction of rotation	Bi-directional

### Materials

Primary ring	SiC (Q1) / "B" carbon (B)
Mating ring	SiC (Q1)
Elastomers	PTFE (U1) / FFKM (K)
Springs	2.4610 (M)
Other Components	1.4571 (G)

### Technical data

Operating pressure	Up to 25 bar dynamic Up to 37.5 bar static
Temperature	-5 °C to 250 °C
Spring travel	+/- 1 mm
Bearing bracket (seal size)	CS40 (033), CS50 (043), CS60 (053), CS80 (065)
Business type	Standard (KSB EasySelect)

Higher application limits on request