



## 27X42X7 CRW1 V Radial shaft seals for general industrial applications

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Radial shaft seals sit between rotating and stationary components, or two components in relative motion. They have two main parts. One is a cylindrical outer covering with an interference fit that seals statically against the housing bore. The second, a sealing lip, seals dynamically and statically against the shaft. Its sealing edge presses against the counterface surface of the shaft with a defined radial load.

### Technical specification

|                          |  |
|--------------------------|--|
| Type of outside diameter | Metal-cased with sealant coating on the outside diameter |
| Lip material             | Fluoro rubber (FKM)                                      |
| Seal design              | CRW1   |



### DIMENSIONS

|       |       |
|-------|-------|
| $d_1$ | 27 mm |
| $D$   | 42 mm |
| $b$   | 7 mm  |

## APPLICATION AND OPERATING CONDITIONS

|                       |                   |
|-----------------------|-------------------|
| Operating temperature | min. -40 °C       |
| Operating temperature | max. 200 °C       |
| Shaft speed           | max. 12 960 r/min |
| Shaft surface speed   | max. 18 m/s       |

## ASSOCIATED PRODUCTS

|                   |       |
|-------------------|-------|
| SKF Speedi-Sleeve | 99106 |
|-------------------|-------|

## PRODUCT FAMILIES

[Seals for general industrial applications](#)

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