

# 35 VS V



V-ring seal, VS design, global standard, interchangeable with VR2 design

V-ring seals (V-rings) are all-rubber, axial shaft seals. They offer an easy-to-install solution for rotating shaft applications, including use as a secondary seal in highly contaminated environments. The VS design includes a standard low cross section with a tapered back side face and a wide seal body, providing a firm hold on the shaft. VS seals are commonly used in agricultural and automotive applications.

- Easy to install
- Cost-effective
- Reliable contamination exclusion
- If not in stock alternatives can be produced by SKF SEAL JET systems

## Overview

### Dimensions

|                         |         |
|-------------------------|---------|
| Shaft diameter, minimum | 33 mm   |
| Shaft diameter, maximum | 36 mm   |
| Seal width              | 10.5 mm |

## Properties

|                      |                     |
|----------------------|---------------------|
| Design               | VS                  |
| Sealing lip material | Fluoro rubber (FKM) |

# Technical Specification

|              |                     |
|--------------|---------------------|
| Design       | VS                  |
| Lip material | Fluoro rubber (FKM) |

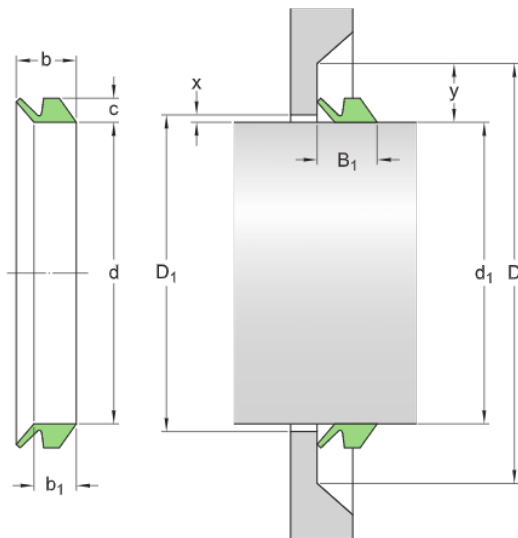
## Dimensions

### Shaft diameter range

|                   |                              |
|-------------------|------------------------------|
| $d_1$ over 33 mm  | Shaft diameter range (over)  |
| $d_1$ incl. 36 mm | Shaft diameter range (incl.) |

### Seal and abutment

|                |              |                                  |
|----------------|--------------|----------------------------------|
| d              | 31 mm        | Seal inside diameter, free state |
| b              | 10.5 mm      | Nominal seal width               |
| $b_1$          | 7.9 mm       | Seal seat width                  |
| c              | 4 mm         | Nominal seal height              |
| 2 x            | 2 mm         | Radial gap (twice)               |
| $D_{11}$       |              |                                  |
| 2 y            | 12 mm        | Radial distance (twice)          |
| D min. = $d_1$ |              |                                  |
| $B_1$          | 9 mm         | Seal fitted width                |
|                | $\pm 0.8$ mm | Tolerance seal fitted width      |



## Application and operating conditions

|                       |             |
|-----------------------|-------------|
| Operating temperature | min. -20 °C |
| Operating temperature | max. 150 °C |

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