

# 6 VS R



# 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	5.5 mm
Shaft diameter, maximum	6.5 mm
Seal width	5.2 mm

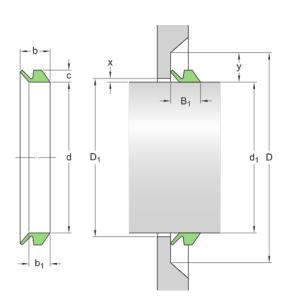
# **Properties**

Design	VS
Sealing lip material	Nitrile rubber (NBR)



# Technical Specification

Design	VS
Lip material	Nitrile rubber (NBR)



# Dimensions

## Shaft diameter range

$d_1$	over 5.5 mm	Shaft diameter range (over)
$d_1$	incl. 6.5 mm	Shaft diameter range (incl.)

#### Seal and abutment

d	5 mm	Seal inside diameter, free state
b	5.2 mm	Nominal seal width
$b_1$	3.9 mm	Seal seat width
С	2 mm	Nominal seal height
2 x	1 mm	Radial gap (twice)
D <sub>11</sub>		
2 y	6 mm	Radial distance (twice)
D min	i. = d <sub>1</sub>	
B <sub>1</sub>	4.5 mm	Seal fitted width
	± 0.4 mm	Tolerance seal fitted width

# Application and operating conditions

Operating temperature	min40 °C
Operating temperature	max. 100 °C



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