

## 18 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	17.5 mm
Shaft diameter, maximum	19 mm
Seal width	7.7 mm

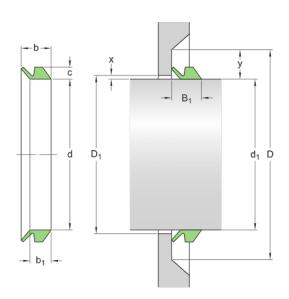
### **Properties**

Design	VS
Sealing lip material	Nitrile rubber (NBR)



# Technical Specification

Design	VS
Lip material	Nitrile rubber (NBR)



## Dimensions

#### Shaft diameter range

$d_1$	over 17.5 mm	Shaft diameter range (over)
$d_1$ i	ncl. 19 mm	Shaft diameter range (incl.)

#### Seal and abutment

d	16 mm	Seal inside diameter, free state
b	7.7 mm	Nominal seal width
$b_1$	5.6 mm	Seal seat width
С	3 mm	Nominal seal height
2 x	1 mm	Radial gap (twice)
D <sub>11</sub>		
2 y	9 mm	Radial distance (twice)
D min.	. = d <sub>1</sub>	
$B_1$	6.7 mm	Seal fitted width
	± 0.6 mm	Tolerance seal fitted width

## Application and operating conditions

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



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