

150 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	145 mm
Shaft diameter, maximum	155 mm
Seal width	18 mm

Properties

Design VS Sealing lip material Nitrile rubber (NBR)



Technical Specification

Design

Lip material

VS Nitrile rubber (NBR)

-b х B₁ D₁ d₁ D d - b₁

Dimensions

Shaft diameter range

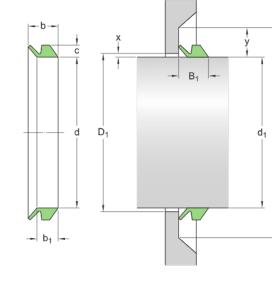
d ₁ over 145 mm	Shaft diameter range (over)
^d 1 incl. 155 mm	Shaft diameter range (incl.)

Seal and abutment

d	135 mm	Seal inside diameter, free state
b	18 mm	Nominal seal width
b ₁	13.1 mm	Seal seat width
С	7 mm	Nominal seal height
2 x	4 mm	Radial gap (twice)
D_{11}		
2 у	21 mm	Radial distance (twice)
D min.	= d ₁	
Β ₁	15.5 mm	Seal fitted width
	± 1.5 mm	Tolerance seal fitted width

Application and operating conditions

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





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