



55 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	53 mm
Shaft diameter, maximum	58 mm
Seal width	13 mm

Properties

Design	VS
Sealing lip material	Fluoro rubber (FKM)

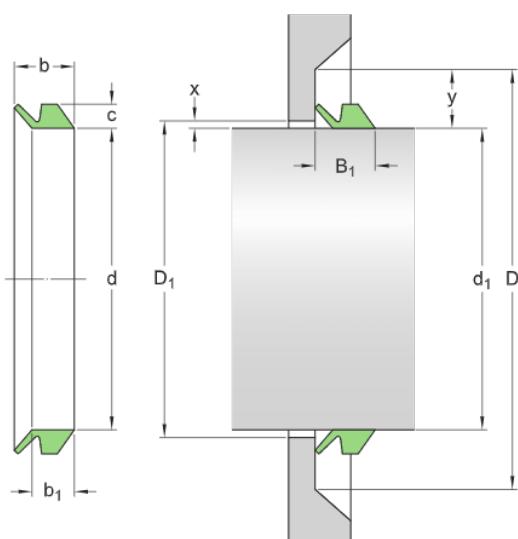
Technical Specification

Design

VS

Lip material

Fluoro rubber (FKM)



Dimensions

Shaft diameter range

 d_1 over 53 mm

Shaft diameter range (over)

 d_1 incl. 58 mm

Shaft diameter range (incl.)

Seal and abutment

d 49 mm

Seal inside diameter, free state

b 13 mm

Nominal seal width

b₁ 9.5 mm

Seal seat width

c 5 mm

Nominal seal height

2 x 2 mm

Radial gap (twice)

D₁₁

2 y 15 mm

Radial distance (twice)

D min. = d_1 B₁ 11 mm

Seal fitted width

± 1 mm

Tolerance seal fitted width

Application and operating conditions

Operating temperature

min. -20 °C

Operating temperature

max. 150 °C

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