



Image may differ from product. See technical specification for details.

100 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	98 mm
Shaft diameter, maximum	105 mm
Seal width	15.5 mm

Properties

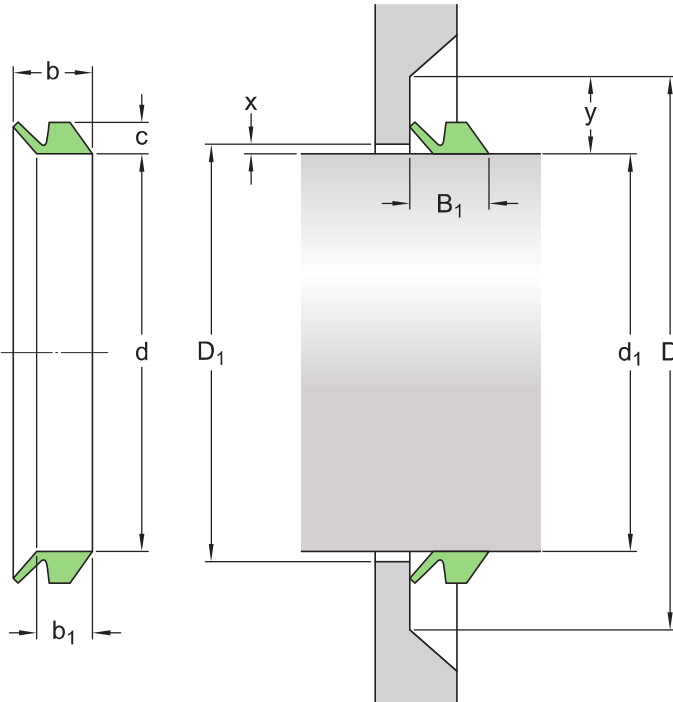
Design	VS
Sealing lip material	Fluoro rubber (FKM)

Logistics

Product net weight	0.0368 kg
eClass code	23-07-08-01
UNSPSC code	31181602

Technical specification

Design	VS
Lip material	Fluoro rubber (FKM)



Dimensions

SEAL AND ABUTMENT

d	90 mm	Seal inside diameter, free state
b	15.5 mm	Nominal seal width
b_1	11.3 mm	Seal seat width
c	6 mm	Nominal seal height
$2x$	3 mm	Radial gap (twice)
	$D_1 \text{ max.} = d_1 + 2x$	Clearance: $D_1 \text{ max.} = d_1 + 2x$
$2y$	18 mm	Radial distance (twice)
	$D \text{ min.} = d_1 + 2y$	Counterface: $D \text{ min.} = d_1 + 2y$
B_1	13.5 mm	Seal fitted width




SHAFT DIAMETER RANGE

d ₁	over 98 mm	Shaft diameter range (over)
d ₁	incl. 105 mm	Shaft diameter range (incl.)

Application and operating conditions

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

More Information

<div> Engineering information</div> <div>Radial shaft seals</div> <div>Casette seals</div> <div>Wear sleeves</div> <div>Track pin seals</div> <div>Metal face seals</div> <div>V-ring seals</div> <div>Axial clamp seals</div>	<div> Related documents</div> <div>Industrial sealing solutions (644.6 KB)</div> <div>HMS5 and HMSA10, shaft seals (192.4 KB)</div> <div>SKF Speedi-Sleeve (591.9 KB)</div> <div>SKF Mudblock seals (350.0 KB)</div>	<div> Catalogues</div> <div>Industrial shaft seals (7.2 MB)</div> <div>Reinforced shaft seals (1.7 MB)</div> <div>CR Seals handbook (7.9 MB)</div>
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