

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

32502

Radial shaft seal with double metal case, SKF Wave lip and auxiliary, non-contacting lip, for oil or grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRWHA1 seals are designed with a double metal case, an SKF WAVE lip made of elastomer with a higher pumping rate to reduce heat generation, a garter spring to optimize sealing against the shaft, and a dust lip to improve contamination exclusion. Most of the seals feature the SKF Bore Tite coating on the outside diameter that helps fill small imperfections in the housing bore.

- For oil or grease
- With garter spring
- WAVE lip creates higher pumping rate
- WAVE lip has less friction between shaft and lip
- WAVE lip has a lower temperature at the contact point

Overview

Dimensions

Shaft diameter	82.55 mm
Housing bore diameter	114.33 mm
Seal width	11.13 mm

Performance

Limiting speed	2 280 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	9.87 m/s
Rotational speed	2 280 r/min

Properties

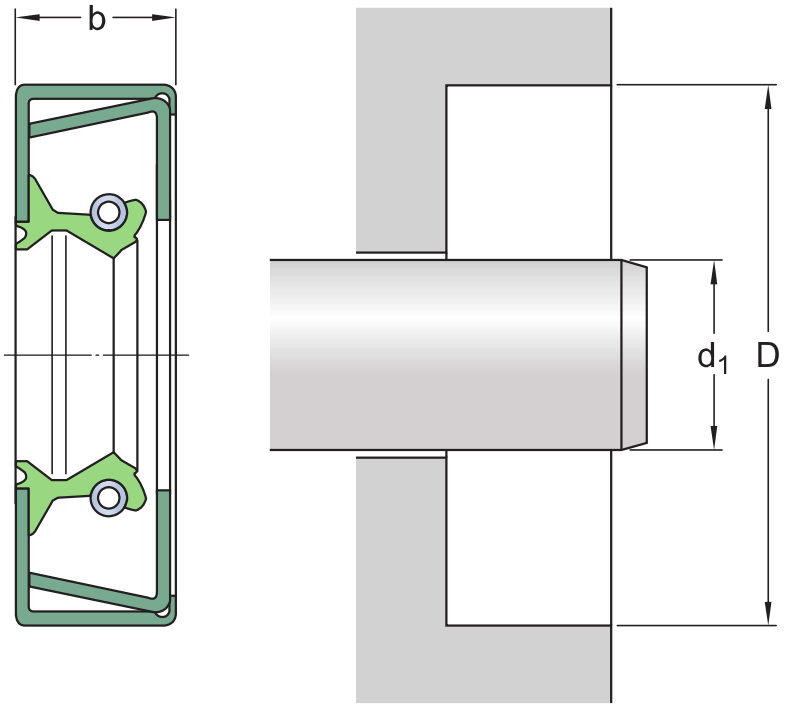
Design	CRWHA1
Auxiliary lip	Yes
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Unit system	Inch

Logistics

Product net weight	0.118 kg
eClass code	23-07-08-01
UNSPSC code	31181602

Technical specification

Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Lip material	Nitrile rubber (NBR)
Seal design	CRWHA1



Dimensions

d_1	82.55 mm	Shaft diameter
D	114.33 mm	Housing bore diameter
b	11.13 mm	Seal width

Application and operating conditions

Operating temperature	min. -40 °C
Operating temperature	max. 100 °C
Circumferential speed	max. 9.87 m/s
Rotational speed	max. 2 280 r/min
Pressure differential	0.07 N/mm²

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