

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

# TSN 522 S

## Labyrinth seal

SNL housing seals are the first barrier against contamination. For applications where there are high speeds or extreme temperatures, SKF recommends using labyrinth seals, and for highly contaminated environments, SKF recommends the three-barrier solution. This cost-

effective sealing solution can have a significant impact on bearing service life as contaminants have to pass through three barriers to reach the bearing.

- Good protection from contamination
- Keep the lubricant in the housing
- Part of the three barrier solution
- Cost-effective

# Overview

## Dimensions

| | |
|---|---|
| Outside diameter | 155 mm |
| Shaft diameter | 100 mm |
| Housing groove diameter | 157.5 mm |
| Width | 24 mm |

## Properties

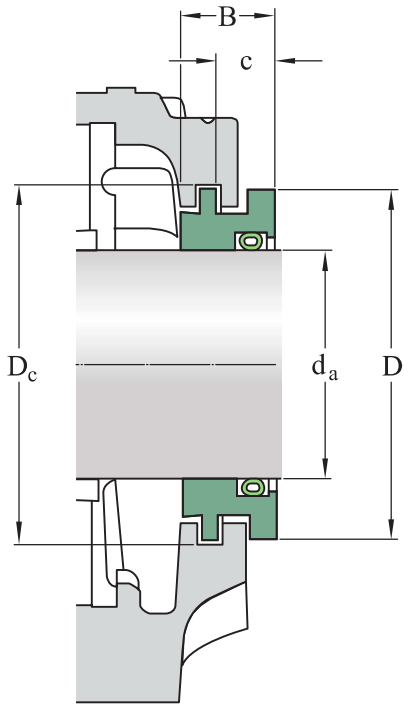
| | |
|---|---|
| Accessory type | Housing seal |
| Sealing type | Labyrinth |
| Material | Steel with silicone element |

## Logistics

| | |
|---|---|
| Product net weight | 1.6 kg |
| eClass code | 23-05-17-90 |
| UNSPSC code | 31171519 |

## Technical specification

| | |
|---|---|
| Material | Steel with silicone element |




## Dimensions

| | | |
|---|---|---|
| $d_a$ | 100 mm | Shaft diameter |
| $D_c$ | 157.5 mm | Diameter of seal groove |
| D | 155 mm | Outside diameter |
| B | 24 mm | Width |
| c | 14 mm | Distance to side face |

## More Information

### Product details

Designs and variants

### Housing series

SNL 2, 3, 5, and 6 series

SNLN 30 series

SNL 30, 31, and 32 series

SONL series

SAF and SAW series (inch dimensions)

### Related documents

SKF bearing housings and roller bearing units (15.5 MB)

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