

# TSN 513 SLabyrinth seal



## 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        | 83.5 mm |
| Shaft diameter          | 60 mm   |
| Housing groove diameter | 85.5 mm |
| Width                   | 19 mm   |

## Properties

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

# Technical Specification

Material

Steel with silicone element



## Dimensions

|       |         |                         |
|-------|---------|-------------------------|
| $d_a$ | 60 mm   | Shaft diameter          |
| $D_c$ | 85.5 mm | Diameter of seal groove |
| $D$   | 83.5 mm | Outside diameter        |
| $B$   | 19 mm   | Width                   |
| $c$   | 11 mm   | Distance to side face   |

## Mass

Mass

0.28 kg

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