

# 100X120X12 HMS5 RG



NOT FOUND

Radial shaft seal with rubber outside diameter and single sealing lip, for oil or grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. HMS5 seals are designed with a rubber outside diameter. They have a conventional sealing lip made of elastomer with a garter spring to maintain the right radial load.

- High pumping rate
- With garter spring
- Accommodate misalignment

## Overview

## Dimensions

|                       |        |
|-----------------------|--------|
| Shaft diameter        | 100 mm |
| Housing bore diameter | 120 mm |
| Seal width            | 12 mm  |

## Performance

|                                   |             |
|-----------------------------------|-------------|
| Maximum operating temperature     | 100 °C      |
| Minimum operating temperature     | -40 °C      |
| Permissible circumferential speed | 10.65 m/s   |
| Rotational speed                  | 2 040 r/min |

## Properties

|                          |                         |
|--------------------------|-------------------------|
| Design                   | HMS5                    |
| Auxiliary lip            | No                      |
| Sealing lip material     | Nitrile rubber (NBR)    |
| Type of outside diameter | Rubber metal reinforced |
| Unit system              | Metric                  |

# Technical Specification

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