

# 16285



## Radial shaft seal with metal case and single sealing lip, for grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. HM21 seals are designed with a sealant coated metal case. They have a conventional double sealing lip made of elastomer. Typical applications include grease lubricated agriculture machinery.

- Maximise the exclusion of contamination
- Accommodate low speed
- Easy installation

## Overview

## Dimensions

Shaft diameter	59.131 mm
Housing bore diameter	65.075 mm
Seal width	6.35 mm

## Performance

Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	8.52 m/s
Rotational speed	2 752 r/min

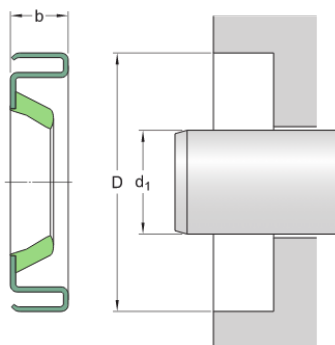
## Properties

Design	HM21
Auxiliary lip	No
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Metal-cased
Unit system	Inch

# Technical Specification

Type of outside diameter	Metal-cased
Lip material	Nitrile rubber (NBR)
Seal design	HM21

## Dimensions



$d_1$	59.131 mm	Shaft diameter
$D$	65.075 mm	Housing bore diameter
$b$	6.35 mm	Seal width

## Application and operating conditions

Operating temperature	min. -40 °C
Operating temperature	max. 100 °C
Circumferential speed	max. 8.52 m/s
Rotational speed	max. 2 752 r/min
Pressure differential	0.07 N/mm

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