

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

25078

Radial shaft seal with single metal case and three sealing lips, for grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. X15 seals are designed with a single metal case. They have three conventional sealing lips made of nitrile rubber, which optimizes the sealing against the bore. Typical applications are grease lubricated agriculture machinery.

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

Overview

Dimensions

Shaft diameter	63.398 mm
Housing bore diameter	93.269 mm
Seal width	7.95 mm

Performance

Limiting speed	765 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	2.54 m/s
Rotational speed	765 r/min

Properties

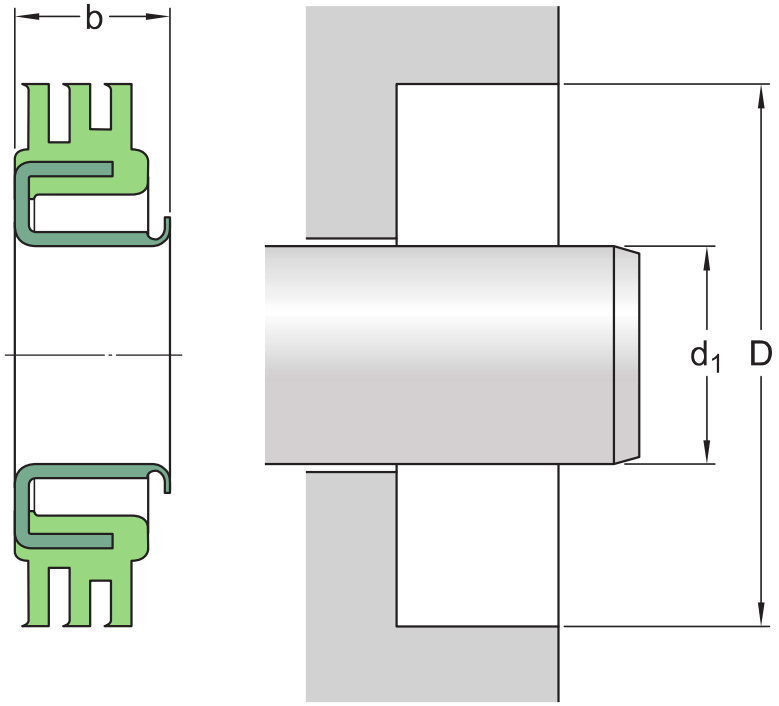
Design	X15
Auxiliary lip	No
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Metal-cased
Unit system	Inch

Logistics

Product net weight	0.0363 kg
eClass code	23-07-08-01
UNSPSC code	31181602

Technical specification

Type of outside diameter	Metal-cased
Lip material	Nitrile rubber (NBR)
Seal design	X15



Dimensions

d_1	63.398 mm	Shaft diameter
D	93.269 mm	Housing bore diameter
b	7.95 mm	Seal width

Application and operating conditions

Operating temperature	min. -40 °C
Operating temperature	max. 100 °C
Circumferential speed	max. 2.54 m/s
Rotational speed	max. 765 r/min
Pressure differential	0.02 N/mm²

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