

# 33X45X7 HMSA10 RG Radial shaft seals for general industrial applications

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Radial shaft seals sit between rotating and stationary components, or two components in relative motion. They have two main parts. One is a cylindrical outer covering with an interference fit that seals statically against the housing bore. The second, a sealing lip, seals dynamically and statically against the shaft. Its sealing edge presses against the counterface surface of the shaft with a defined radial load.

# Technical specification

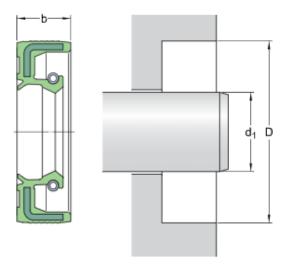
Type of outside diameter	Rubber metal reinforced
Lip material	Nitrile rubber (NBR)
Seal design	HMSA10
Compliance with standard	ISO 6194, DIN 3760

## **DIMENSIONS**

$d_1$	33 mm
D	45 mm
b	7 mm







# APPLICATION AND OPERATING CONDITIONS

Operating temperature	min40 °C
Operating temperature	max. 100 °C
Permissible operating temperature, short periods	max. 120 °C
Shaft speed	max. 3 720 r/min
Shaft surface speed	max. 6.39 m/s

## PRODUCT FAMILIES

Seals for general industrial applications





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