

250X280X15 HMSA10 V 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

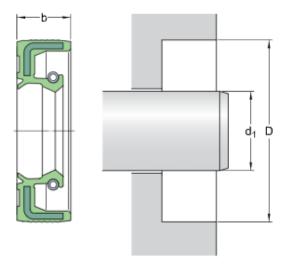
Type of outside diameter	Rubber metal reinforced
Lip material	Fluoro rubber (FKM)
Seal design	HMSA10
Compliance with standard	DIN 3760

DIMENSIONS

d_1	250 mm
D	280 mm
b	15 mm







APPLICATION AND OPERATING CONDITIONS

Operating temperature	min20 °C
Operating temperature	max. 200 °C
Permissible operating temperature, short periods	max. 200 °C
Shaft speed	max. 2 880 r/min
Shaft surface speed	max. 37.99 m/s

PRODUCT FAMILIES

Seals for general industrial applications





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