



45X70X10 HMSA10 RGR Radial shaft seal with rubber outside diameter and single sealing lip, for oil or grease

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. HMSA10 seals are designed with a rubber outside diameter. They have a conventional sealing lip made of elastomer. A garter spring in the seal and a non-contacting auxiliary lip optimize the sealing against the shaft also in polluted environment.

- High pumping rate
- Higher contamination exclusion with dust lip
- With garter spring
- Accommodate misalignment

Overview

Dimensions

Shaft diameter	45 mm
Housing bore diameter	70 mm
Seal width	10 mm

Performance

Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	7.41 m/s
Rotational speed	3 120 r/min

Properties

Design	HMSA10
Auxiliary lip	Yes
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Rubber metal reinforced
Unit system	Metric

Technical Specification

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