SKF 25X45X7 HMSA10 RG

Radial shaft seal with rubber outside diameter and single sealing lip, for oil or gre

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.

Technical specifications

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

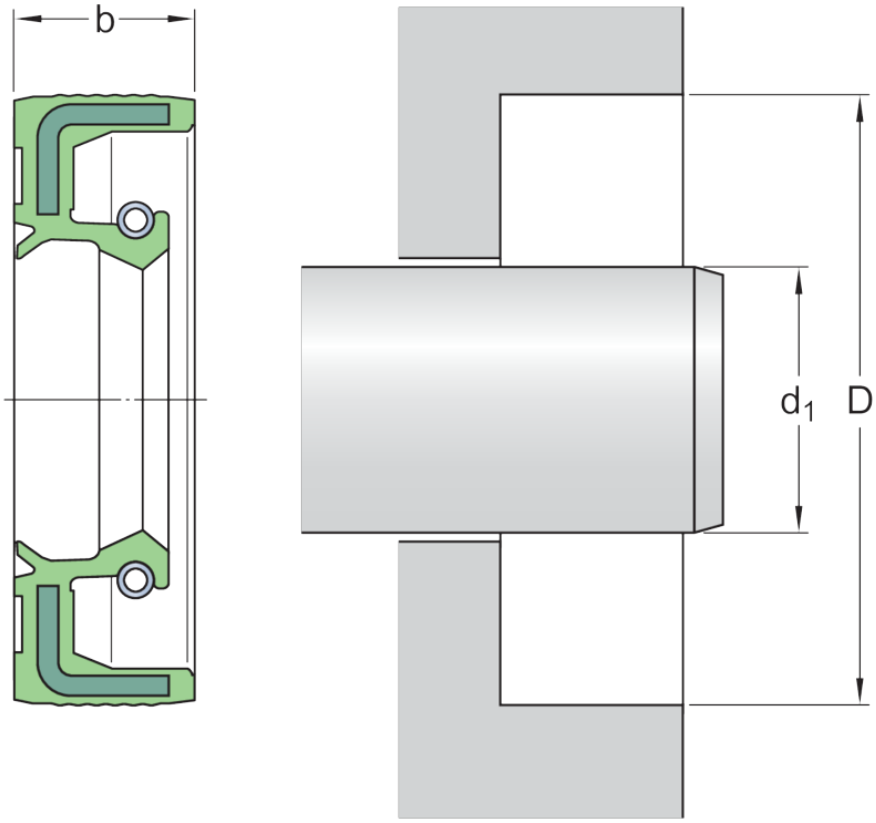
Dimensions	
Shaft diameter	25 mm
Housing bore diameter	45 mm
Seal width	7 mm

Application and operating conditions	
Operating temperature	-40 °C
Operating temperature	100 °C
Operating temperature, short periods	120 °C
Circumferential speed	5 m/s
Rotational speed	3840 r/min
Pressure differential	0.05 N/mm²

Associated products	
SKF Speedi-Sleeve	99098

Performance	
Limiting speed	3840 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	5 m/s
Rotational speed	3840 r/min

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

Logistics	
Product net weight	0.0124 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings