



SKF 52447

Radial shaft seal with double metal case, SKF Wave lip, for oil or grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRWH1 seals are designed with a double metal case, an SKF WAVE lip made of elastomer with a higher pumping rate to reduce heat generation, and a garter spring to optimize sealing against the shaft. Most of the seals feature the SKF Bore Tite coating on the outside diameter that helps fill small imperfections in the housing bore.

Technical specifications

General	
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Lip material	Fluoro rubber (FKM)
Seal design	CRWH1
Dimensions	
Shaft diameter	133.35 mm
Housing bore diameter	158.75 mm
Seal width	12.7 mm
Application and operating conditions	
Operating temperature	-25 °C
Operating temperature	200 °C
Circumferential speed	36.2 m/s
Rotational speed	5160 r/min
Pressure differential	0.07 N/mm ²
Performance	
Limiting speed	5160 r/min
Maximum operating temperature	200 °C
Minimum operating temperature	-25 °C
Permissible circumferential speed	36.2 m/s
Rotational speed	5160 r/min
Properties	
Design	CRWH1
Auxiliary lip	No
Sealing lip material	Fluoro rubber (FKM)
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Unit system	Inch
Logistics	
Product net weight	0.174 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings

