



SKF 18872

Radial shaft seal with metal case, SKF Wave lip and auxiliary, contacting lip, for c

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRWA1 seals are designed with a metal case, an SKF WAVE lip made of elastomer with higher pumping rate to reduce heat generation, a garter spring to optimize sealing against the shaft, and a dust lip to improve contamination exclusion. 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	Nitrile rubber (NBR)
Seal design	CRWA1

Dimensions	
Shaft diameter	47.63 mm
Housing bore diameter	77.749 mm
Seal width	7.95 mm

Application and operating conditions	
Operating temperature	-40 °C
Operating temperature	100 °C
Circumferential speed	7.6 m/s
Rotational speed	3060 r/min
Pressure differential	0.07 N/mm ²

Associated products	
SKF Speedi-Sleeve	99189

Performance	
Limiting speed	3060 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	7.6 m/s
Rotational speed	3060 r/min

Properties	
Design	CRWA1
Auxiliary lip	Yes
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Unit system	Inch

Logistics	
Product net weight	0.028 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings

