



SKF 22493

Radial shaft seal with double metal case, SKF Wave lip and auxiliary, non-contact

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRWHA1 seals are designed with a double metal case, an SKF WAVE lip made of elastomer with a 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	CRWHA1

Dimensions	
Shaft diameter	57.15 mm
Housing bore diameter	85.09 mm
Seal width	11.13 mm

Application and operating conditions	
Operating temperature	-40 °C
Operating temperature	100 °C
Circumferential speed	8.4 m/s
Rotational speed	2820 r/min
Pressure differential	0.07 N/mm ²

Performance	
Limiting speed	2820 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	8.4 m/s
Rotational speed	2820 r/min

Properties	
Design	CRWHA1
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	0.063 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings

