

SKF 240X280X15 HDS2 R

Radial shaft seal for heavy industrial applications, metal-cased

HDS2 seals are designed for open housings in heavy industrial applications. They are equipped with a metal case and a garter spring, and an SKF Springcover. This provides reliable spring retention in a blind seal installation. They are self-retaining seals and perform exceptionally well in large-size machinery, and customized or heavy-duty machinery. They are designed for industries such as metal, construction, wind energy, forestry, mining, and pulp and paper.



Technical specifications

Properties	
Metric/inch series	Metric
Design name	HDS2
Design type	Solid
Type of outside diameter	Metal-cased
Installation	Open housing
Auxiliary lip	No
SKF Springcover	Yes
Sealing lip material	Nitrile rubber (NBR)
Garter spring material	Stainless steel
US stock number	569952
Design	HDS2
Unit system	Metric

Dimensions	
Shaft diameter	240 mm
Housing diameter	280 mm
Seal width	15 mm
Housing bore diameter	280 mm

Application and operating conditions	
Operating temperature	-35 °C
Operating temperature	100 °C
Cumferential speed	15 m/s
Rotational speed	1194 r/min
Pressure differential	0.1 N/mm ²

Performance	
Limiting speed	1194 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-35 °C
Permissible circumferential speed	15 m/s
Rotational speed	1194 r/min

Logistics	
Product net weight	0.58 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings

