

SKF 240X280X15 HDS1 R

Radial shaft seal for heavy industrial applications, metal-cased

HDS1 seals are designed for open housings in heavy industrial applications. They are self-retaining seals with a metal case and a garter spring and perform exceptionally well in large-size machinery, customized or heavy-duty machinery, and industrial gearboxes. 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	HDS1
Design type	Solid
Type of outside diameter	Metal-cased
Installation	Open housing
Auxiliary lip	No
SKF Springcover	No
Sealing lip material	Nitrile rubber (NBR)
Garter spring material	Stainless steel
US stock number	569943
Design	HDS1
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

