

## SKF 295X330X18 HDS1 V

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     | Fluoro rubber (FKM) |
| Garter spring material   | Stainless steel     |
| US stock number          | 1161167             |
| Design                   | HDS1                |
| Unit system              | Metric              |

| Dimensions            |        |
|-----------------------|--------|
| Shaft diameter        | 295 mm |
| Housing diameter      | 330 mm |
| Seal width            | 18 mm  |
| Housing bore diameter | 330 mm |

| Application and operating conditions |                       |
|--------------------------------------|-----------------------|
| Operating temperature                | -18 °C                |
| Operating temperature                | 200 °C                |
| Cumferential speed                   | 25 m/s                |
| Rotational speed                     | 1619 r/min            |
| Pressure differential                | 0.1 N/mm <sup>2</sup> |

| Performance                       |            |
|-----------------------------------|------------|
| Limiting speed                    | 1619 r/min |
| Maximum operating temperature     | 200 °C     |
| Minimum operating temperature     | -18 °C     |
| Permissible circumferential speed | 25 m/s     |
| Rotational speed                  | 1619 r/min |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 0.7 kg      |
| eClass code        | 23-07-08-01 |
| UNSPSC code        | 31181602    |

**SKF drawings**

