



## 115X140X12 HMSA10 RG Radial shaft seals for general industrial applications

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Radial shaft seals sit between rotating and stationary components, or two components in relative motion. They have two main parts. One is a cylindrical outer covering with an interference fit that seals statically against the housing bore. The second, a sealing lip, seals dynamically and statically against the shaft. Its sealing edge presses against the counterface surface of the shaft with a defined radial load.

### Technical specification

|                          |                         |
|--------------------------|-------------------------|
| Type of outside diameter | Rubber metal reinforced |
| Lip material             | Nitrile rubber (NBR)    |
| Seal design              | HMSA10                  |
| Compliance with standard | DIN 3760                |

### DIMENSIONS

|       |        |
|-------|--------|
| $d_1$ | 115 mm |
| D     | 140 mm |
| b     | 12 mm  |



## APPLICATION AND OPERATING CONDITIONS

|  |                  |
|--|------------------|
| Operating temperature                            | min. -40 °C      |
| Operating temperature                            | max. 100 °C      |
| Permissible operating temperature, short periods | max. 120 °C      |
| Shaft speed                                      | max. 1 862 r/min |
| Shaft surface speed                              | max. 11.21 m/s   |

## ASSOCIATED PRODUCTS

|                   |       |
|-------------------|-------|
| SKF Speedi-Sleeve | 99452 |
|-------------------|-------|

### PRODUCT FAMILIES

[Seals for general industrial applications](#)

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