

# 18X30X6 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

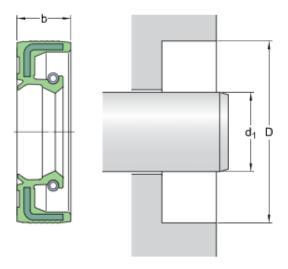
| Type of outside diameter | Rubber metal reinforced |
|--------------------------|-------------------------|
| Lip material             | Nitrile rubber (NBR)    |
| Seal design              | HMSA10                  |
| Compliance with standard | ISO 6194, DIN 3760      |

### **DIMENSIONS**

| $d_1$ | 18 mm |
|-------|-------|
| D     | 30 mm |
| b     | 6 mm  |







## APPLICATION AND OPERATING CONDITIONS

| Operating temperature                            | min40 °C         |
|--|------------------|
| Operating temperature                            | max. 100 °C      |
| Permissible operating temperature, short periods | max. 120 °C      |
| Shaft speed                                      | max. 3 900 r/min |
| Shaft surface speed                              | max. 3.7 m/s     |

# ASSOCIATED PRODUCTS

SKF Speedi-Sleeve 99082

## PRODUCT FAMILIES

Seals for general industrial applications





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