



50X70X10 HMSA10 V 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 | Fluoro rubber (FKM) |
| Seal design | HMSA10 |
| Compliance with standard | ISO 6194, DIN 3760 |

DIMENSIONS

| | |
|-------|-------|
| d_1 | 50 mm |
| D | 70 mm |
| b | 10 mm |



APPLICATION AND OPERATING CONDITIONS

| | |
|--|------------------|
| Operating temperature | min. -20 °C |
| Operating temperature | max. 200 °C |
| Permissible operating temperature, short periods | max. 200 °C |
| Shaft speed | max. 9 600 r/min |
| Shaft surface speed | max. 25.19 m/s |

ASSOCIATED PRODUCTS

| | |
|-------------------|-------|
| SKF Speedi-Sleeve | 99196 |
|-------------------|-------|

PRODUCT FAMILIES

[Seals for general industrial applications](#)

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