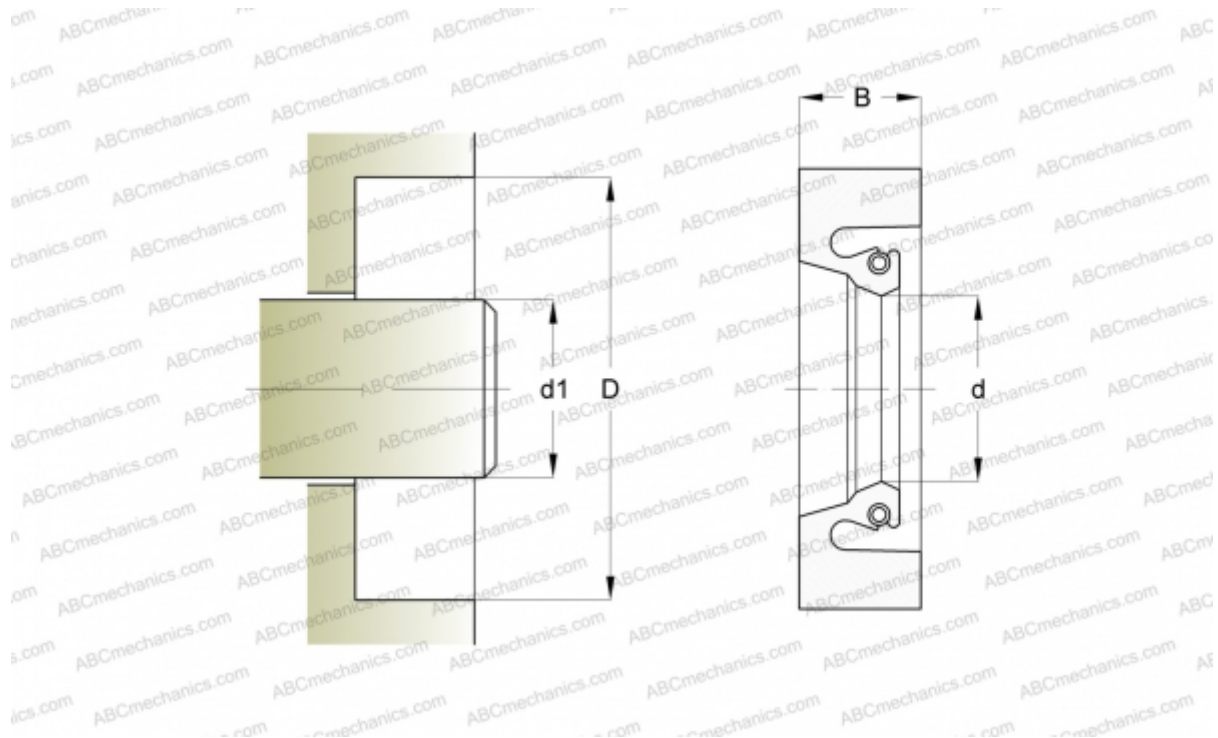


190x220x15 HSF1 R SKF

Radial shaft seals

TYPE: Seals for heavy industrial applications, Fabric reinforced rubber seal body, With spring-loaded sealing lip, Type HSF1, material NBR (SKF)



Technical specification

DIMENSIONS, MM

| | |
|----|---------|
| d1 | 190,000 |
| d | 190,000 |
| D | 220,000 |
| B | 15,000 |

MANUFACTURER [SKF](#)

CALCULATION DATA

| | |
|--|------------|
| Operating temperature min | -40 °C |
| Operating temperature max | 120 °C |
| Permissible operating temperature, short periods max | 140 °C |
| Maximum shaft surface speed | 15,000 m/s |