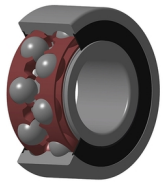
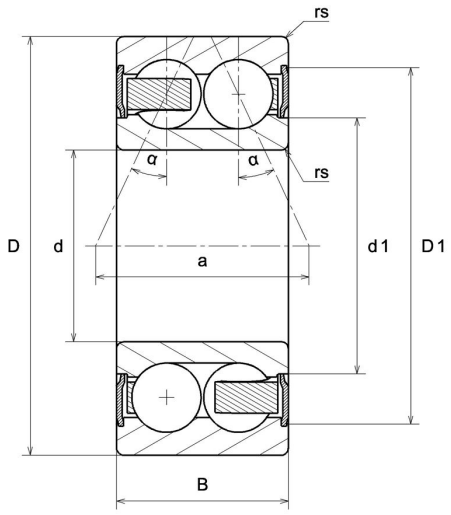
# Technical datasheet

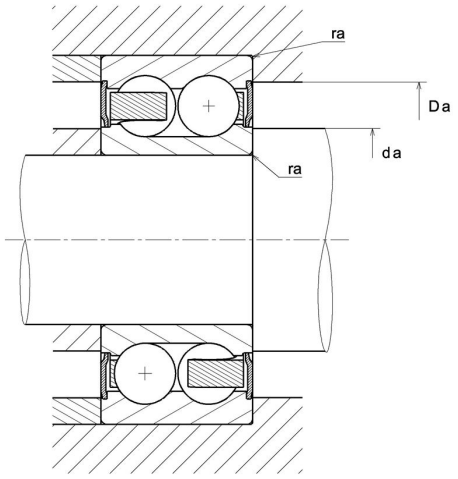
## 5309EEG15

Double row angular contact ball bearings



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 45 mm |
| **D** | 100 mm |
| **B** | 39.7 mm |
| **d1** | 62 mm |
| **D1** | 86.5 mm |
| **a** | 50.1 mm |
| **Contact angle α** | 25 ° |
| **rs min** | 1.5 mm |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 1.42 kg |
| **Brand** | SNR |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 65.8 kN |
| **Static load, C0** | 51 kN |
| **Fatigue limit load, Cu** | 3.15 kN |
| **f0** | 13.9 |
| **Nlim** | 4,600 rpm |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.4 Hz |
| **Characteristic rolling element frequency, BSF** | 4.34 Hz |
| **Characteristic outer ring frequency, BPF0** | 3.2 Hz |
| **Characteristic inner ring frequency, BPFI** | 4.8 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 53 mm |
| **da max** | 62 mm |
| **Da max** | 92 mm |
| **ra max** | 1.5 mm |