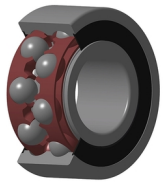
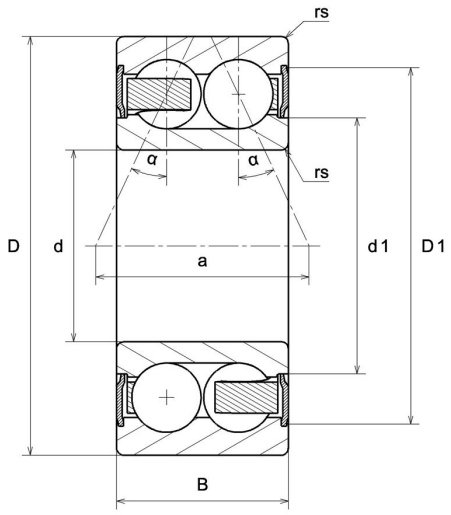
# Technical datasheet

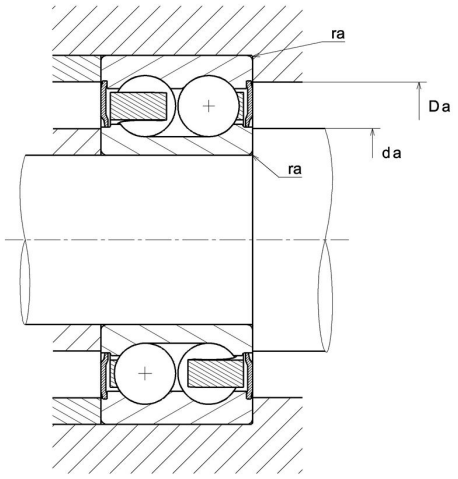
## 5307EEG15

Double row angular contact ball bearings



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 35 mm |
| **D** | 80 mm |
| **B** | 34.9 mm |
| **d1** | 49.3 mm |
| **D1** | 68.4 mm |
| **a** | 41.5 mm |
| **Contact angle α** | 25 ° |
| **rs min** | 1.5 mm |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.66 kg |
| **Brand** | SNR |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 50.2 kN |
| **Static load, C0** | 34.6 kN |
| **Fatigue limit load, Cu** | 2.21 kN |
| **f0** | 13.4 |
| **Nlim** | 5,800 rpm |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.39 Hz |
| **Characteristic rolling element frequency, BSF** | 3.82 Hz |
| **Characteristic outer ring frequency, BPF0** | 2.71 Hz |
| **Characteristic inner ring frequency, BPFI** | 4.29 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 43 mm |
| **da max** | 49.3 mm |
| **Da max** | 72 mm |
| **ra max** | 1.5 mm |