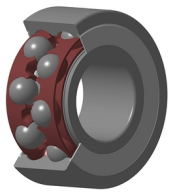
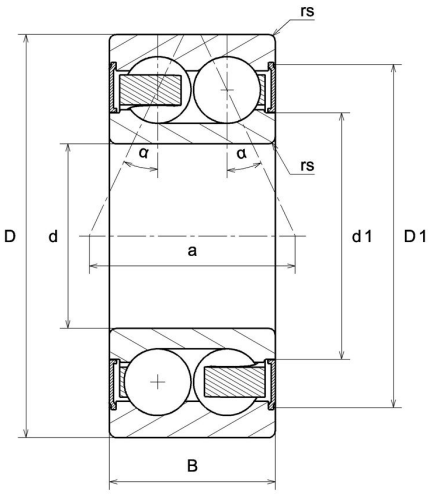
# Technical datasheet

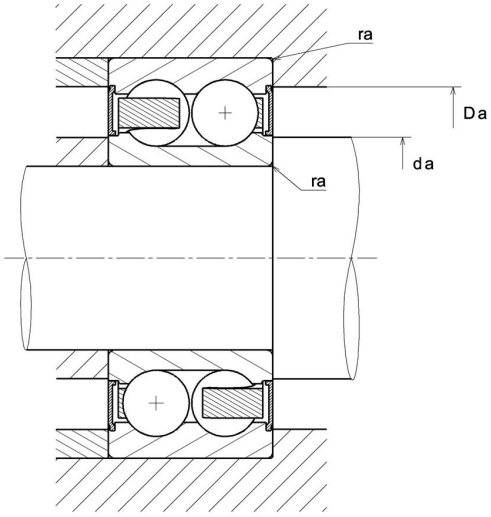
## 5303ZZG15

Double row angular contact ball bearings



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 17 mm |
| **D** | 47 mm |
| **B** | 22.2 mm |
| **d1** | 26.2 mm |
| **D1** | 39.8 mm |
| **a** | 24 mm |
| **Contact angle α** | 25 ° |
| **rs min** | 1 mm |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.16 kg |
| **Brand** | SNR |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 20.1 kN |
| **Static load, C0** | 12.1 kN |
| **Fatigue limit load, Cu** | 0.8 kN |
| **f0** | 12.5 |
| **Nref** | 11,000 rpm |
| **Nlim** | 12,000 rpm |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.38 Hz |
| **Characteristic rolling element frequency, BSF** | 3.44 Hz |
| **Characteristic outer ring frequency, BPF0** | 2.64 Hz |
| **Characteristic inner ring frequency, BPFI** | 4.36 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 22 mm |
| **da max** | 26.2 mm |
| **Da max** | 42 mm |
| **ra max** | 1 mm |