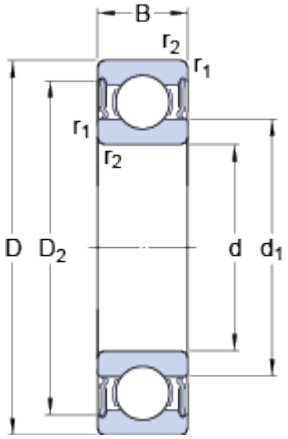
# 6011-2RS1

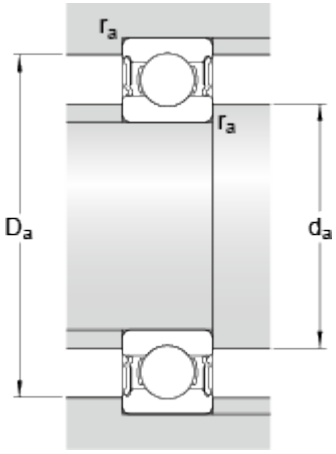
SKF Explorer

## Dimensions




| | | | |
|---|---|---|---|
| d | | 55 | mm |
| D | | 90 | mm |
| B | | 18 | mm |
| $d_1$ | ≈ | 66.3 | mm |
| $D_2$ | ≈ | 81.5 | mm |
| $r_{1,2}$ | min. | 1.1 | mm |

## Abutment dimensions




| | | | |
|---|---|---|---|
| $d_a$ | min. | 61 | mm |
| $d_a$ | max. | 66.2 | mm |
| $D_a$ | max. | 84 | mm |
| $r_a$ | max. | 1 | mm |

## Calculation data

| | | | |
|---|---|---|---|
| Basic dynamic load rating | C | 29.6 | kN |
| Basic static load rating | $C_0$ | 21.2 | kN |
| Fatigue load limit | $P_u$ | 0.9 | kN |
| Limiting speed | | 4500 | r/min |
| Calculation factor | $k_r$ | 0.025 | |
| Calculation factor | $f_0$ | 15.4 | |

## Mass

| | | |
|---|---|---|
| Mass bearing | 0.397 | kg |