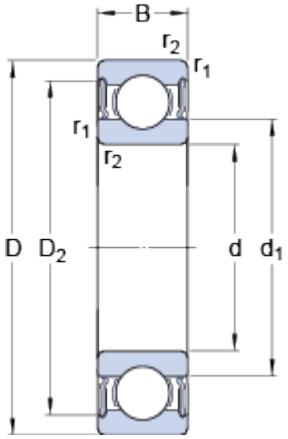
# 6014-2RS1

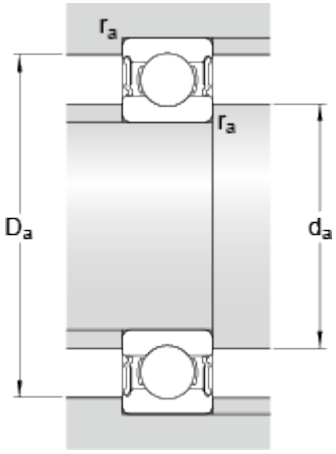
SKF Explorer

## Dimensions




| | | | |
|---|---|---|---|
| d | | 70 | mm |
| D | | 110 | mm |
| B | | 20 | mm |
| $d_1$ | ≈ | 82.85 | mm |
| $D_2$ | ≈ | 99.9 | mm |
| $r_{1,2}$ | min. | 1.1 | mm |

## Abutment dimensions




| | | | |
|---|---|---|---|
| $d_a$ | min. | 76 | mm |
| $d_a$ | max. | 82.8 | mm |
| $D_a$ | max. | 104 | mm |
| $r_a$ | max. | 1 | mm |

## Calculation data

| | | | |
|---|---|---|---|
| Basic dynamic load rating | C | 39.7 | kN |
| Basic static load rating | $C_0$ | 31 | kN |
| Fatigue load limit | $P_u$ | 1.3 | kN |
| Limiting speed | | 3600 | r/min |
| Calculation factor | $k_r$ | 0.025 | |
| Calculation factor | $f_0$ | 15.6 | |

## Mass

| | | |
|---|---|---|
| Mass bearing | 0.63 | kg |