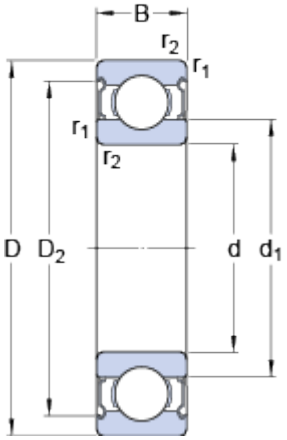
# 608-2Z

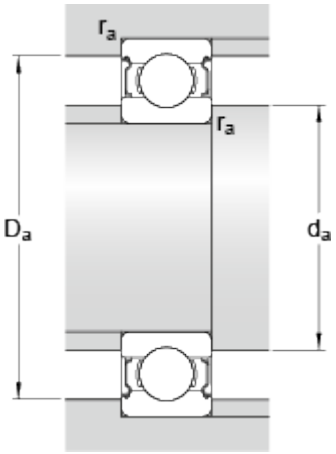
SKF Explorer

## Dimensions




| | | | |
|---|---|---|---|
| d | | 8 | mm |
| D | | 22 | mm |
| B | | 7 | mm |
| $d_1$ | | 12.15 | mm |
| $D_2$ | | 19.2 | mm |
| $r_{1,2}$ | min. | 0.3 | mm |

## Abutment dimensions




| | | | |
|---|---|---|---|
| $d_a$ | min. | 10 | mm |
| $d_a$ | max. | 12 | mm |
| $D_a$ | max. | 20 | mm |
| $r_a$ | max. | 0.3 | mm |

## Calculation data

| | | | |
|---|---|---|---|
| Basic dynamic load rating | C | 3.4 | kN |
| Basic static load rating | $C_0$ | 1.4 | kN |
| Fatigue load limit | $P_u$ | 0.057 | kN |
| Reference speed | | 75000 | r/min |
| Limiting speed | | 38000 | r/min |
| Calculation factor | $k_r$ | 0.025 | |
| Calculation factor | $f_0$ | 12 | |

## Mass

| | | |
|---|---|---|
| Mass bearing | 0.0125 | kg |