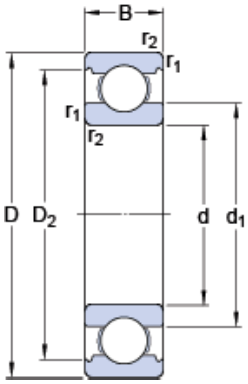
# 6208

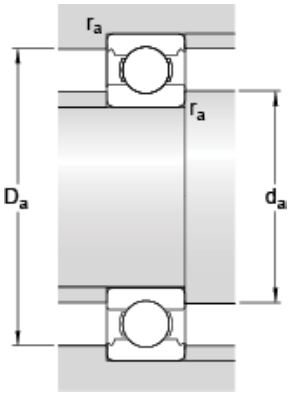
SKF Explorer

## Dimensions




| | | | |
|---|---|---|---|
| d | | 40 | mm |
| D | | 80 | mm |
| B | | 18 | mm |
| $d_1$ | ≈ | 52.6 | mm |
| $D_2$ | ≈ | 69.8 | mm |
| $r_{1,2}$ | min. | 1.1 | mm |

## Abutment dimensions




| | | | |
|---|---|---|---|
| $d_a$ | min. | 47 | mm |
| $D_a$ | max. | 73 | mm |
| $r_a$ | max. | 1 | mm |

## Calculation data

| | | | |
|---|---|---|---|
| Basic dynamic load rating | C | 32.5 | kN |
| Basic static load rating | $C_0$ | 19 | kN |
| Fatigue load limit | $P_u$ | 0.8 | kN |
| Reference speed | | 18000 | r/min |
| Limiting speed | | 11000 | r/min |
| Calculation factor | $k_r$ | 0.025 | |
| Calculation factor | $f_0$ | 13.8 | |

## Mass

| | | | |
|---|---|---|---|
| Mass bearing | | 0.37 | kg |