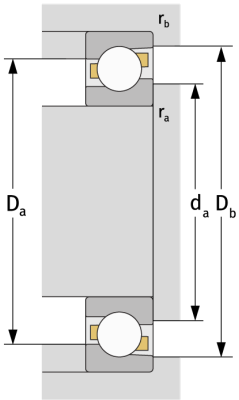
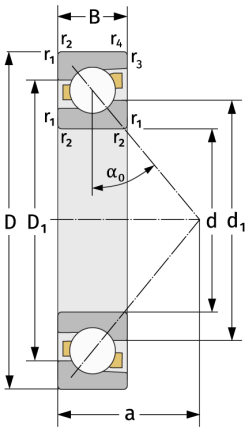
# 7320B.MP

Angular Contact Ball Bearings (single row, metric)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 100 | $D_1$ [mm] | ≈ 174 |
| D [mm] | 215 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 47 | $r_{3,4}$ [mm] | 1.1 |
| Weight [kg] | ≈ 8.35 | $\alpha_0$ [°] | 40 |
| $d_1$ [mm] | ≈ 144.5 | a [mm] | ≈ 90 |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $d_{a,\,min}$ [mm] | 114 | C [kN] | 196 |
| $D_{a,\,max}$ [mm] | 201 | $C_0$ [kN] | 178 |
| $D_{b,\,max}$ [mm] | 208 | $C_u$ [kN] | 7.22 |
| $r_{a,\,max}$ [mm] | 2.5 | $n_{th}$ [$min^{-1}$] | 3565 |
| $r_{b,\,max}$ [mm] | 1 | $n_g$ [$min^{-1}$] | 4300 |