

718/1000MP

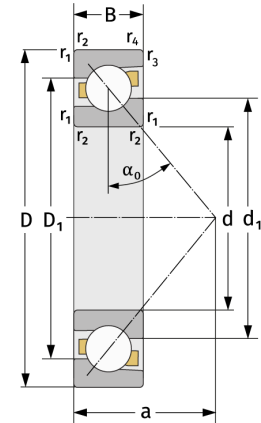
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|----------|----------------|--------|
| d [mm] | 1000 | D_1 [mm] | ≈ 1152 |
| D [mm] | 1220 | $r_{1,2}$ [mm] | 6 |
| B [mm] | 100 | $r_{3,4}$ [mm] | 3 |
| Weight [kg] | ≈ 227 | α_0 [°] | 30 |
| d_1 [mm] | ≈ 1074.1 | a [mm] | ≈ 370 |



| Mating dimensions | | Calculation data | |
|--------------------|--------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 1023 | C [kN] | 940 |
| $D_{a, \max}$ [mm] | 1197 | C_0 [kN] | 2870 |
| $D_{b, \max}$ [mm] | 1207.6 | C_u [kN] | 41.8 |
| $r_{a, \max}$ [mm] | 5 | n_{th} [min ⁻¹] | 329 |
| $r_{b, \max}$ [mm] | 2.5 | n_g [min ⁻¹] | 430 |