

719/950MP

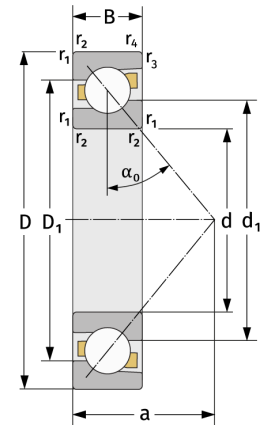
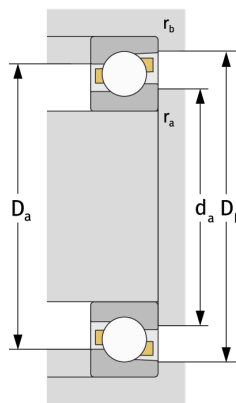
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|--------|----------------|--------|
| d [mm] | 950 | D_1 [mm] | ≈ |
| D [mm] | 1250 | | 1157.2 |
| B [mm] | 132 | $r_{1,2}$ [mm] | 7.5 |
| Weight [kg] | ≈ 408 | $r_{3,4}$ [mm] | 4 |
| d_1 [mm] | ≈ | α_0 [°] | 30 |
| | 1051.1 | a [mm] | ≈ 384 |



| Mating dimensions | | Calculation data | |
|--------------------|--------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 978 | C [kN] | 1280 |
| $D_{a, \max}$ [mm] | 1222 | C_0 [kN] | 3950 |
| $D_{b, \max}$ [mm] | 1235.4 | C_u [kN] | 57.8 |
| $r_{a, \max}$ [mm] | 6 | n_{th} [min ⁻¹] | 337 |
| $r_{b, \max}$ [mm] | 3 | n_g [min ⁻¹] | 430 |