

709/630MP

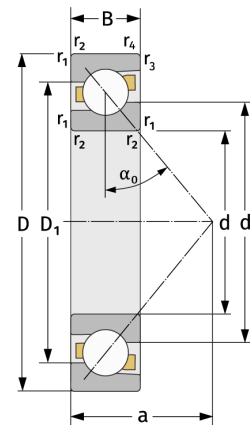
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 630 | D_1 [mm] | ≈ 774.3 |
| D [mm] | 850 | $r_{1,2}$ [mm] | 5 |
| B [mm] | 71 | $r_{3,4}$ [mm] | 2 |
| Weight [kg] | ≈ 118 | α_0 [°] | 30 |
| d_1 [mm] | ≈ 710.6 | a [mm] | ≈ 249 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 648 | C [kN] | 670 |
| $D_{a, \max}$ [mm] | 832 | C_0 [kN] | 1640 |
| $D_{b, \max}$ [mm] | 841.2 | C_u [kN] | 29.5 |
| $r_{a, \max}$ [mm] | 4 | n_{th} [min ⁻¹] | 516 |
| $r_{b, \max}$ [mm] | 2 | n_g [min ⁻¹] | 740 |