

718/600MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 600 | D_1 [mm] | ≈ 689.8 |
| D [mm] | 730 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 60 | $r_{3,4}$ [mm] | 1.1 |
| Weight [kg] | ≈ 48 | α_0 [°] | 30 |
| d_1 [mm] | ≈ 643.8 | a [mm] | ≈ 222 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 612.4 | C [kN] | 454 |
| $D_{a, \max}$ [mm] | 717.6 | C_0 [kN] | 1030 |
| $D_{b, \max}$ [mm] | 724 | C_u [kN] | 19.5 |
| $r_{a, \max}$ [mm] | 2.5 | n_{th} [min ⁻¹] | 616 |
| $r_{b, \max}$ [mm] | 1 | n_g [min ⁻¹] | 850 |