

71972MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 360 | D_1 [mm] | ≈ 442.9 |
| D [mm] | 480 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 56 | $r_{3,4}$ [mm] | 1.1 |
| Weight [kg] | ≈ 26 | α_0 [°] | 30 |
| d_1 [mm] | ≈ 400.4 | a [mm] | ≈ 149 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|-------------------------------|------|
| $d_{a, \min}$ [mm] | 372.4 | C [kN] | 351 |
| $D_{a, \max}$ [mm] | 467.6 | C_0 [kN] | 615 |
| $D_{b, \max}$ [mm] | 474 | C_u [kN] | 14.9 |
| $r_{a, \max}$ [mm] | 2.5 | n_{th} [min ⁻¹] | 1144 |
| $r_{b, \max}$ [mm] | 1 | n_g [min ⁻¹] | 1500 |