

QJ1960MPA

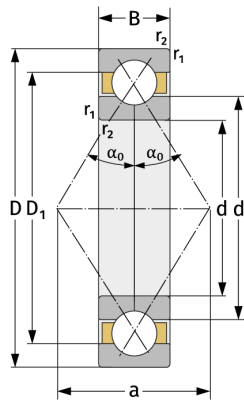
Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 300 | D_1 [mm] | ≈ 378.6 |
| D [mm] | 420 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 56 | α_0 [°] | 35 |
| Weight [kg] | ≈ 26.1 | a [mm] | ≈ 252 |
| d_1 [mm] | ≈ 341.4 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 312.4 |
| $D_{a, \max}$ [mm] | 407.6 |
| $r_{a, \max}$ [mm] | 2.5 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 499 |
| C_0 [kN] | 980 |
| C_u [kN] | 25.6 |
| n_{th} [min ⁻¹] | 1179 |
| n_g [min ⁻¹] | 2300 |