

QJ1976MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 380 | D_1 [mm] | ≈ 471.7 |
| D [mm] | 520 | $r_{1,2}$ [mm] | 4 |
| B [mm] | 65 | α_0 [°] | 35 |
| Weight [kg] | ≈ 44.3 | a [mm] | ≈ 315 |
| d_1 [mm] | ≈ 428.3 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 394.6 |
| $D_{a, \max}$ [mm] | 505.4 |
| $r_{a, \max}$ [mm] | 3 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 640 |
| C_0 [kN] | 1430 |
| C_u [kN] | 33.6 |
| n_{th} [min ⁻¹] | 875 |
| n_g [min ⁻¹] | 1800 |