

QJ1080MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 400 | D_1 [mm] | ≈ 529.4 |
| D [mm] | 600 | $r_{1,2}$ [mm] | 5 |
| B [mm] | 90 | α_0 [°] | 35 |
| Weight [kg] | ≈ 97.7 | a [mm] | ≈ 350 |
| d_1 [mm] | ≈ 470.6 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 418 |
| $D_{a, \max}$ [mm] | 582 |
| $r_{a, \max}$ [mm] | 4 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 905 |
| C_0 [kN] | 2150 |
| C_u [kN] | 48 |
| n_{th} [min ⁻¹] | 776 |
| n_g [min ⁻¹] | 1600 |