

QJ12/600MPA

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 600 | D_1 [mm] | ≈ 904.3 |
| D [mm] | 1090 | $r_{1,2}$ [mm] | 9.5 |
| B [mm] | 212 | α_0 [°] | 45 |
| Weight [kg] | ≈ 980 | a [mm] | ≈ 845 |
| d_1 [mm] | ≈ 785.7 | | |



Mating dimensions

| | |
|--------------------|------|
| $d_{a, \min}$ [mm] | 640 |
| $D_{a, \max}$ [mm] | 1050 |
| $r_{a, \max}$ [mm] | 8 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 2360 |
| C_0 [kN] | 7550 |
| C_u [kN] | 131 |
| n_{th} [min ⁻¹] | 394 |
| n_g [min ⁻¹] | 800 |