

Q272MPB

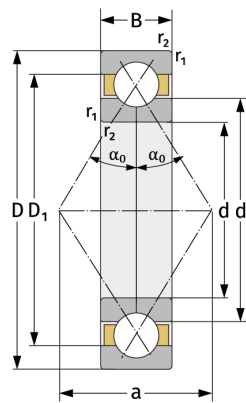
Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|-------|
| d [mm] | 360 | D_1 [mm] | ≈ 539 |
| D [mm] | 650 | $r_{1,2}$ [mm] | 6 |
| B [mm] | 95 | α_0 [°] | 23 |
| Weight [kg] | ≈ 157 | a [mm] | ≈ 214 |
| d_1 [mm] | ≈ 471 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 386 |
| $D_{a, \max}$ [mm] | 624 |
| $r_{a, \max}$ [mm] | 5 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 1160 |
| C_0 [kN] | 2680 |
| C_u [kN] | 59.6 |
| n_{th} [min ⁻¹] | 701 |
| n_g [min ⁻¹] | 1600 |