

Q222MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 110 | D_1 [mm] | ≈ 168.9 |
| D [mm] | 200 | $r_{1,2}$ [mm] | 2.1 |
| B [mm] | 38 | α_0 [°] | 23 |
| Weight [kg] | ≈ 5.87 | a [mm] | ≈ 66 |
| d_1 [mm] | ≈ 141.1 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 122 |
| $D_{a, \max}$ [mm] | 188 |
| $r_{a, \max}$ [mm] | 2.1 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 295 |
| C_0 [kN] | 332 |
| C_u [kN] | 13 |
| n_{th} [min ⁻¹] | 3159 |
| n_g [min ⁻¹] | 5600 |