

Q228MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 140 | D_1 [mm] | ≈ 210.5 |
| D [mm] | 250 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 42 | α_0 [°] | 23 |
| Weight [kg] | ≈ 10.1 | a [mm] | ≈ 83 |
| d_1 [mm] | ≈ 179.5 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 154 |
| $D_{a, \max}$ [mm] | 236 |
| $r_{a, \max}$ [mm] | 2.5 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 367 |
| C_0 [kN] | 478 |
| C_u [kN] | 16.8 |
| n_{th} [min ⁻¹] | 2475 |
| n_g [min ⁻¹] | 4400 |