

Q316MPB

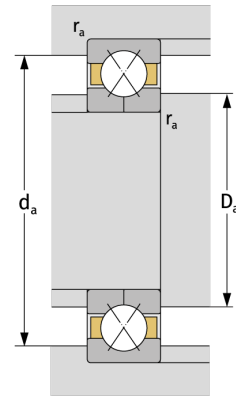
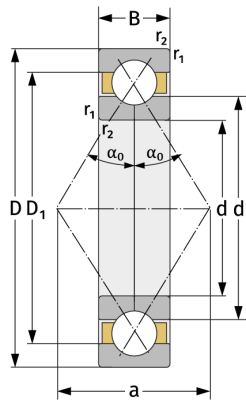
Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 80 | D_1 [mm] | ≈ 138.9 |
| D [mm] | 170 | $r_{1,2}$ [mm] | 2.1 |
| B [mm] | 39 | α_0 [°] | 23 |
| Weight [kg] | ≈ 4.8 | a [mm] | ≈ 53 |
| d_1 [mm] | ≈ 111.1 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 92 |
| $D_{a, \max}$ [mm] | 158 |
| $r_{a, \max}$ [mm] | 2.1 |

Calculation data

| | |
|-------------------------------|------|
| C [kN] | 243 |
| C_0 [kN] | 228 |
| C_u [kN] | 9.89 |
| n_{th} [min ⁻¹] | 3711 |
| n_g [min ⁻¹] | 7000 |