

619/1000M

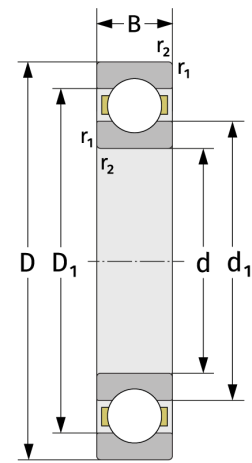
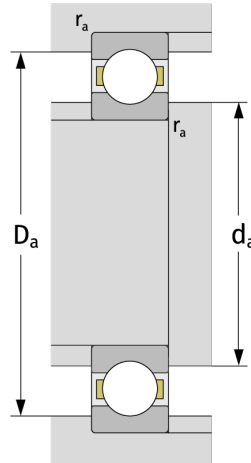
Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|--------|
| d [mm] | 1000 | d ₁ [mm] | ≈ |
| D [mm] | 1320 | | 1102.9 |
| B [mm] | 140 | D ₁ [mm] | ≈ |
| Weight [kg] | ≈ 533 | | 1218.9 |
| | | r _{1,2} [mm] | 7.5 |



Mating dimensions

| | |
|-------------------------|------|
| d _{a,min} [mm] | 1028 |
| D _{a,max} [mm] | 1292 |
| r _{a,max} [mm] | 6 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 1110 |
| C ₀ [kN] | 3040 |
| C _u [kN] | 43.3 |
| n _{th} [min ⁻¹] | 494 |
| n _g [min ⁻¹] | 570 |
| f ₀ | 16,3 |