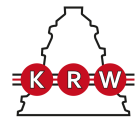


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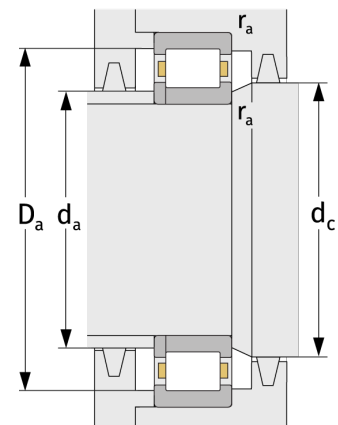
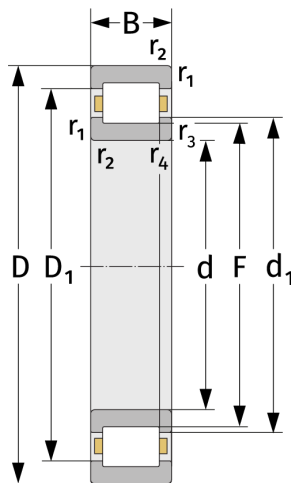
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 110 | d_1 [mm] | ≈ 120.5 |
| D [mm] | 140 | D_1 [mm] | ≈ 129.5 |
| B [mm] | 16 | $r_{1,2}$ [mm] | 1 |
| Weight [kg] | ≈ 0.598 | $r_{3,4}$ [mm] | 0.6 |
| F [mm] | 117.5 | s [mm] | 2.6 |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 114.6 |
| $d_{c, \min}$ [mm] | 123 |
| $D_{a, \max}$ [mm] | 135.4 |
| $r_{a, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 52.5 |
| C_0 [kN] | 85.3 |
| C_u [kN] | 10.9 |
| n_{th} [min^{-1}] | 3382 |
| n_g [min^{-1}] | 5800 |