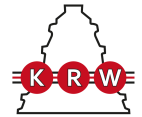


# NU1824M3

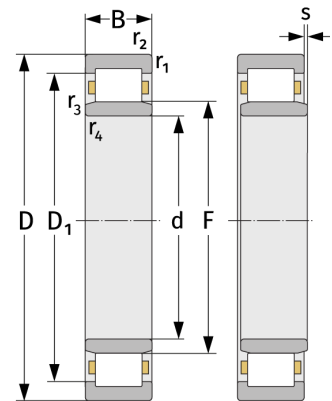
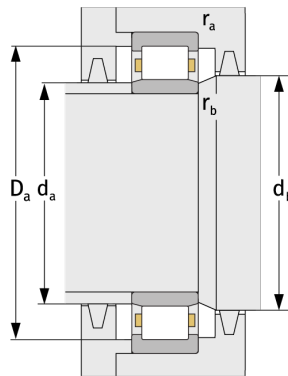
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|        |       |                |                 |
|--------|-------|----------------|-----------------|
| d [mm] | 120   | $D_1$ [mm]     | $\approx 139.5$ |
| D [mm] | 150   | $r_{1,2}$ [mm] | 1               |
| B [mm] | 16    | $r_{3,4}$ [mm] | 0.6             |
| F [mm] | 127.5 | s [mm]         | 2.6             |



### Mating dimensions

|                    |       |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 124.6 |
| $d_{a, \max}$ [mm] | 126   |
| $d_{b, \min}$ [mm] | 130   |
| $D_{a, \max}$ [mm] | 145.4 |
| $r_{a, \max}$ [mm] | 1     |
| $r_{b, \max}$ [mm] | 0.6   |

### Calculation data

|                               |      |
|-------------------------------|------|
| C [kN]                        | 54.5 |
| $C_0$ [kN]                    | 91.9 |
| $C_u$ [kN]                    | 11.5 |
| $n_{th}$ [min <sup>-1</sup> ] | 3090 |
| $n_g$ [min <sup>-1</sup> ]    | 5400 |