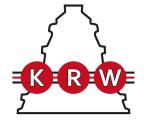


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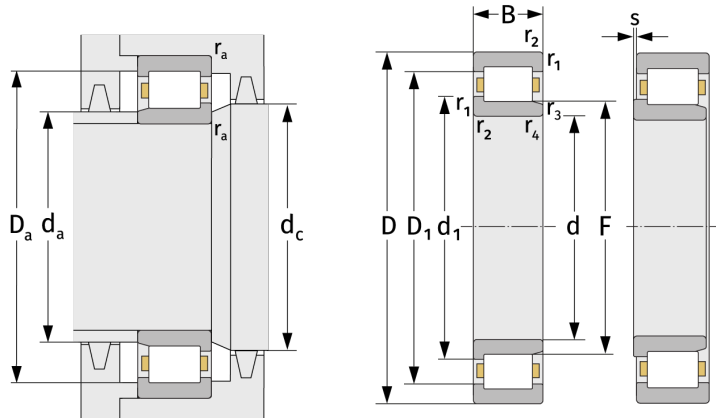
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------------|----------------|-----------------|
| d [mm] | 220 | d_1 [mm] | ≈ 272.8 |
| D [mm] | 370 | D_1 [mm] | ≈ 323.2 |
| B [mm] | 120 | $r_{1,2}$ [mm] | 4 |
| Weight [kg] | ≈ 54 | $r_{3,4}$ [mm] | 4 |
| F [mm] | 256 | s [mm] | 11.5 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 237 | C [kN] | 1500 |
| $d_{a, \max}$ [mm] | 253 | C_0 [kN] | 2470 |
| $d_{b, \min}$ [mm] | 259 | C_u [kN] | 245 |
| $d_{c, \min}$ [mm] | 275 | n_{th} [min^{-1}] | 1187 |
| $D_{a, \max}$ [mm] | 353 | n_g [min^{-1}] | 2300 |
| $r_{a, \max}$ [mm] | 3 | | |