

# NUP1938E.M3

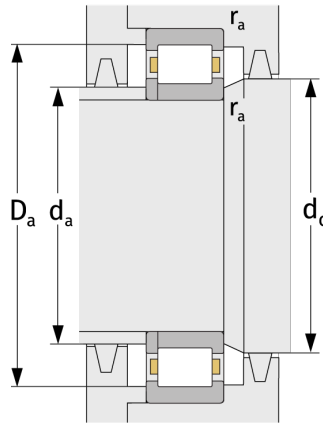
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |                |                |                 |
|-------------|----------------|----------------|-----------------|
| d [mm]      | 190            | $d_1$ [mm]     | $\approx 214.6$ |
| D [mm]      | 260            | $D_1$ [mm]     | $\approx 237.4$ |
| B [mm]      | 33             | $r_{1,2}$ [mm] | 2               |
| Weight [kg] | $\approx 5.32$ | $r_{3,4}$ [mm] | 1.1             |
| F [mm]      | 207            | s [mm]         | 2.6             |



| Mating dimensions  |       | Calculation data               |      |
|--------------------|-------|--------------------------------|------|
| $d_{a, \min}$ [mm] | 198.8 | C [kN]                         | 279  |
| $d_{c, \min}$ [mm] | 218   | $C_0$ [kN]                     | 456  |
| $D_{a, \max}$ [mm] | 251.2 | $C_u$ [kN]                     | 49.2 |
| $r_{a, \max}$ [mm] | 2     | $n_{th}$ [ $\text{min}^{-1}$ ] | 2296 |
|                    |       | $n_g$ [ $\text{min}^{-1}$ ]    | 3100 |