

# NU1908E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |                 |                |                |
|-------------|-----------------|----------------|----------------|
| d [mm]      | 40              | $D_1$ [mm]     | $\approx 54.8$ |
| D [mm]      | 62              | $r_{1,2}$ [mm] | 0.6            |
| B [mm]      | 12              | $r_{3,4}$ [mm] | 0.3            |
| Weight [kg] | $\approx 0.127$ | s [mm]         | 1.2            |
| F [mm]      | 46              |                |                |



### Mating dimensions

### Calculation data

|                    |      |                                |       |
|--------------------|------|--------------------------------|-------|
| $d_{a, \min}$ [mm] | 43.2 | C [kN]                         | 20.7  |
| $d_{a, \max}$ [mm] | 45   | $C_0$ [kN]                     | 23.7  |
| $d_{b, \min}$ [mm] | 48   | $C_u$ [kN]                     | 3.1   |
| $D_{a, \max}$ [mm] | 58.8 | $n_{th}$ [ $\text{min}^{-1}$ ] | 8434  |
| $r_{a, \max}$ [mm] | 0.6  | $n_g$ [ $\text{min}^{-1}$ ]    | 15000 |
| $r_{b, \max}$ [mm] | 0.3  |                                |       |