

# N2372E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                       |       |
|-------------|-------|-----------------------|-------|
| d [mm]      | 360   | d <sub>1</sub> [mm]   | ≈ 489 |
| D [mm]      | 750   | r <sub>1,2</sub> [mm] | 7.5   |
| B [mm]      | 224   | r <sub>3,4</sub> [mm] | 7.5   |
| Weight [kg] | ≈ 490 | s [mm]                | 19    |
| E [mm]      | 665   |                       |       |



### Mating dimensions

|                         |     |
|-------------------------|-----|
| d <sub>a,min</sub> [mm] | 392 |
| D <sub>b,min</sub> [mm] | 669 |
| D <sub>c,max</sub> [mm] | 661 |
| r <sub>a,max</sub> [mm] | 6   |
| r <sub>b,max</sub> [mm] | 6   |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 5550 |
| C <sub>0</sub> [kN]                  | 8400 |
| C <sub>u</sub> [kN]                  | 698  |
| n <sub>th</sub> [min <sup>-1</sup> ] | 415  |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 1200 |