

# N20/530E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                       |       |
|-------------|-------|-----------------------|-------|
| d [mm]      | 530   | d <sub>1</sub> [mm]   | ≈ 620 |
| D [mm]      | 780   | r <sub>1,2</sub> [mm] | 6     |
| B [mm]      | 145   | r <sub>3,4</sub> [mm] | 6     |
| Weight [kg] | ≈ 245 | s [mm]                | 8     |
| E [mm]      | 724   |                       |       |



### Mating dimensions

### Calculation data

|                         |     |                                      |      |
|-------------------------|-----|--------------------------------------|------|
| d <sub>a,min</sub> [mm] | 553 | C [kN]                               | 3520 |
| D <sub>b,min</sub> [mm] | 729 | C <sub>0</sub> [kN]                  | 7050 |
| D <sub>c,max</sub> [mm] | 719 | C <sub>u</sub> [kN]                  | 559  |
| r <sub>a,max</sub> [mm] | 5   | n <sub>th</sub> [min <sup>-1</sup> ] | 454  |
| r <sub>b,max</sub> [mm] | 5   | n <sub>g</sub> [min <sup>-1</sup> ]  | 920  |