

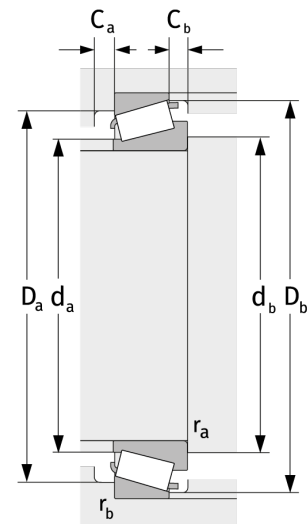
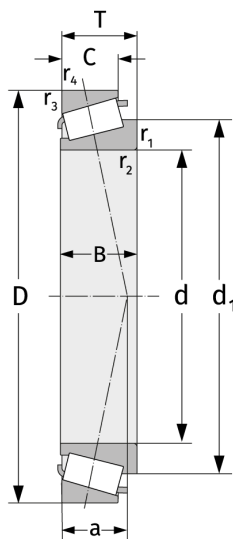
# 32215

Tapered Roller Bearings (single row, metric)



## Details:

| Main dimensions |        |                       |         |
|-----------------|--------|-----------------------|---------|
| d [mm]          | 75     | B [mm]                | 31      |
| D [mm]          | 130    | d <sub>1</sub> [mm]   | ≈ 100.6 |
| T [mm]          | 33.25  | r <sub>1,2</sub> [mm] | 2       |
| Weight [kg]     | ≈ 1.69 | r <sub>3,4</sub> [mm] | 1.5     |
| C [mm]          | 27     | a [mm]                | ≈ 29.6  |



| Mating dimensions       |     | Calculation data                     |      |
|-------------------------|-----|--------------------------------------|------|
| d <sub>a,max</sub> [mm] | 85  | C [kN]                               | 173  |
| d <sub>b,min</sub> [mm] | 84  | C <sub>0</sub> [kN]                  | 231  |
| D <sub>a,min</sub> [mm] | 115 | C <sub>u</sub> [kN]                  | 26.9 |
| D <sub>a,max</sub> [mm] | 121 | n <sub>th</sub> [min <sup>-1</sup> ] | 3197 |
| D <sub>b,min</sub> [mm] | 124 | n <sub>g</sub> [min <sup>-1</sup> ]  | 5300 |
| C <sub>a,min</sub> [mm] | 4   | e                                    | 0,44 |
| C <sub>b,min</sub> [mm] | 6   | Y                                    | 1,38 |
| r <sub>a,max</sub> [mm] | 2   | Y <sub>0</sub>                       | 0,76 |
| r <sub>b,max</sub> [mm] | 1.5 |                                      |      |