

# 32017X

Tapered Roller Bearings (single row, metric)



## Details:

| Main dimensions |        |                       |         |
|-----------------|--------|-----------------------|---------|
| d [mm]          | 85     | B [mm]                | 29      |
| D [mm]          | 130    | d <sub>1</sub> [mm]   | ≈ 107.7 |
| T [mm]          | 29     | r <sub>1,2</sub> [mm] | 1.5     |
| Weight [kg]     | ≈ 1.34 | r <sub>3,4</sub> [mm] | 1.5     |
| C [mm]          | 22     | a [mm]                | ≈ 28.5  |



| Mating dimensions       |     | Calculation data                     |      |
|-------------------------|-----|--------------------------------------|------|
| d <sub>a,max</sub> [mm] | 94  | C [kN]                               | 150  |
| d <sub>b,min</sub> [mm] | 92  | C <sub>0</sub> [kN]                  | 240  |
| D <sub>a,min</sub> [mm] | 117 | C <sub>u</sub> [kN]                  | 27.6 |
| D <sub>a,max</sub> [mm] | 122 | n <sub>th</sub> [min <sup>-1</sup> ] | 3190 |
| D <sub>b,min</sub> [mm] | 125 | n <sub>g</sub> [min <sup>-1</sup> ]  | 5000 |
| C <sub>a,min</sub> [mm] | 6   | e                                    | 0,44 |
| C <sub>b,min</sub> [mm] | 7   | Y                                    | 1,36 |
| r <sub>a,max</sub> [mm] | 1.5 | Y <sub>0</sub>                       | 0,75 |
| r <sub>b,max</sub> [mm] | 1.5 |                                      |      |