

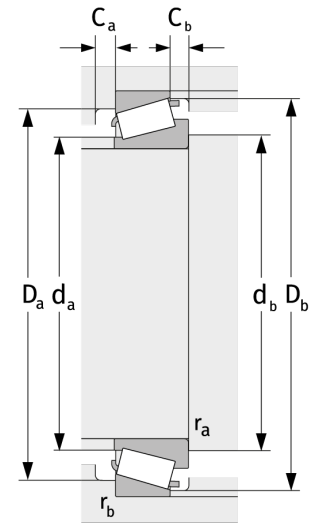
32214

Tapered Roller Bearings (single row, metric)



Details:

| Main dimensions | | | |
|-----------------|--------|-----------------------|--------|
| d [mm] | 70 | B [mm] | 31 |
| D [mm] | 125 | d ₁ [mm] | ≈ 95.3 |
| T [mm] | 33.25 | r _{1,2} [mm] | 2 |
| Weight [kg] | ≈ 1.63 | r _{3,4} [mm] | 1.5 |
| C [mm] | 27 | a [mm] | ≈ 28.4 |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,max} [mm] | 80 | C [kN] | 171 |
| d _{b,min} [mm] | 79 | C ₀ [kN] | 227 |
| D _{a,min} [mm] | 108 | C _u [kN] | 25.9 |
| D _{a,max} [mm] | 116 | n _{th} [min ⁻¹] | 3347 |
| D _{b,min} [mm] | 119 | n _g [min ⁻¹] | 5600 |
| C _{a,min} [mm] | 4 | e | 0,42 |
| C _{b,min} [mm] | 6 | Y | 1,43 |
| r _{a,max} [mm] | 2 | Y ₀ | 0,79 |
| r _{b,max} [mm] | 1.5 | | |