

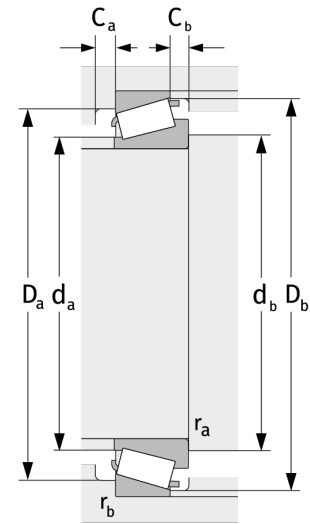
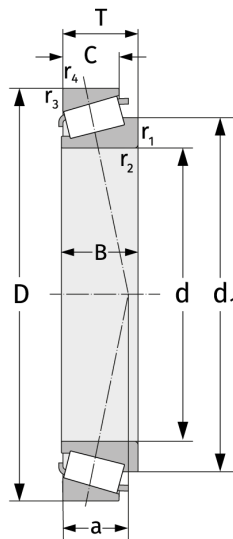
32316

Tapered Roller Bearings (single row, metric)



Details:

| Main dimensions | | | |
|-----------------|--------|-----------------------|---------|
| d [mm] | 80 | B [mm] | 58 |
| D [mm] | 170 | d ₁ [mm] | ≈ 121.9 |
| T [mm] | 61.5 | r _{1,2} [mm] | 3 |
| Weight [kg] | ≈ 6.38 | r _{3,4} [mm] | 2.5 |
| C [mm] | 48 | a [mm] | ≈ 42.3 |



| Mating dimensions | | Calculation data | |
|-------------------------|------|--------------------------------------|------|
| d _{a,max} [mm] | 98 | C [kN] | 397 |
| d _{b,min} [mm] | 92 | C ₀ [kN] | 525 |
| D _{a,min} [mm] | 142 | C _u [kN] | 58.1 |
| D _{a,max} [mm] | 158 | n _{th} [min ⁻¹] | 3200 |
| D _{b,min} [mm] | 159 | n _g [min ⁻¹] | 4300 |
| C _{a,min} [mm] | 7 | e | 0,35 |
| C _{b,min} [mm] | 13.5 | Y | 1,74 |
| r _{a,max} [mm] | 3 | Y ₀ | 0,96 |
| r _{b,max} [mm] | 2.5 | | |