

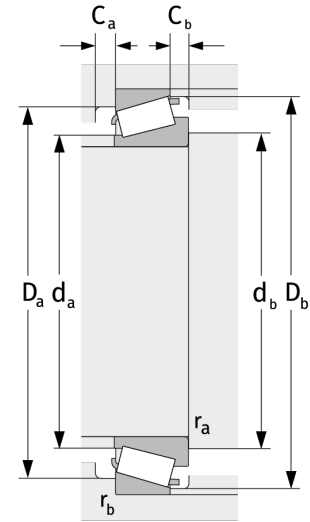
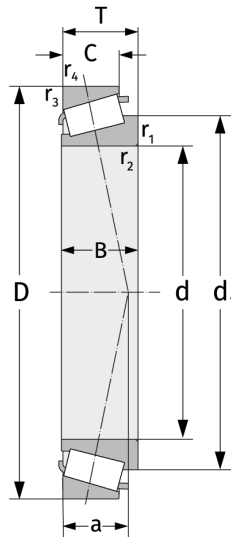
32936

Tapered Roller Bearings (single row, metric)



Details:

| Main dimensions | | | |
|-----------------|--------|-----------------------|---------|
| d [mm] | 180 | B [mm] | 45 |
| D [mm] | 250 | d ₁ [mm] | ≈ 215.3 |
| T [mm] | 45 | r _{1,2} [mm] | 2.5 |
| Weight [kg] | ≈ 6.54 | r _{3,4} [mm] | 2 |
| C [mm] | 34 | a [mm] | ≈ 54 |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,max} [mm] | 193 | C [kN] | 387 |
| d _{b,min} [mm] | 190 | C ₀ [kN] | 770 |
| D _{a,min} [mm] | 225 | C _u [kN] | 74.9 |
| D _{a,max} [mm] | 240 | n _{th} [min ⁻¹] | 1596 |
| D _{b,min} [mm] | 241 | n _g [min ⁻¹] | 2500 |
| C _{a,min} [mm] | 8 | e | 0,48 |
| C _{b,min} [mm] | 11 | Y | 1,25 |
| r _{a,max} [mm] | 2.5 | Y ₀ | 0,69 |
| r _{b,max} [mm] | 2 | | |