

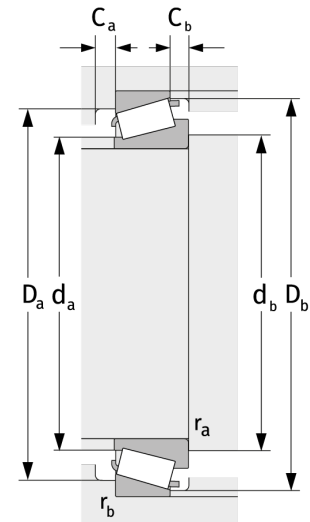
31316

Tapered Roller Bearings (single row, metric)



Details:

Main dimensions			
d [mm]	80	B [mm]	39
D [mm]	170	d ₁ [mm]	≈ 123.6
T [mm]	42.5	r _{1,2} [mm]	3
Weight [kg]	≈ 4	r _{3,4} [mm]	2.5
C [mm]	27	a [mm]	≈ 52.8



Mating dimensions		Calculation data	
d _{a,max} [mm]	97	C [kN]	234
d _{b,min} [mm]	92	C ₀ [kN]	276
D _{a,min} [mm]	134	C _u [kN]	30.7
D _{a,max} [mm]	158	n _{th} [min ⁻¹]	3068
D _{b,min} [mm]	159	n _g [min ⁻¹]	4300
C _{a,min} [mm]	6	e	0,83
C _{b,min} [mm]	15.5	Y	0,73
r _{a,max} [mm]	3	Y ₀	0,4
r _{b,max} [mm]	2.5		