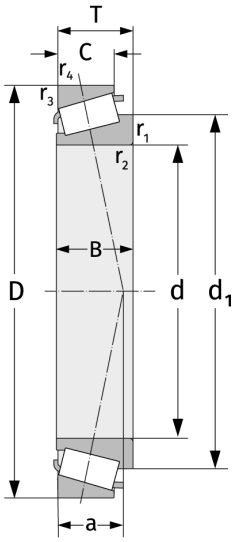
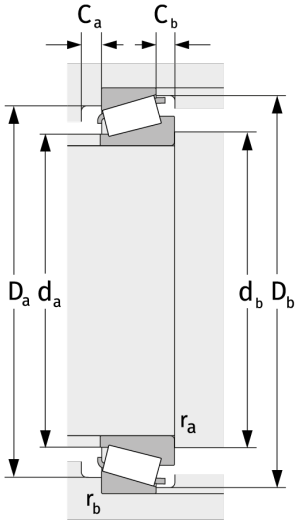
33219

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	95	B [mm]	58
D [mm]	170	d_1 [mm]	≈ 132.1
T [mm]	58	$r_{1,2}$ [mm]	3
Weight [kg]	≈ 5.52	$r_{3,4}$ [mm]	2.5
C [mm]	44	a [mm]	≈ 42.7





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	107	C [kN]	388
$d_{b, min}$ [mm]	107	C_0 [kN]	590
$D_{a, min}$ [mm]	144	C_u [kN]	64.5
$D_{a, max}$ [mm]	158	n_{th} [min^{-1}]	2793
$D_{b, min}$ [mm]	163	n_g [min^{-1}]	4000
$C_{a, min}$ [mm]	9	e	0,41
$C_{b, min}$ [mm]	14	Y	1,47
$r_{a, max}$ [mm]	3	Y_0	0,81
$r_{b, max}$ [mm]	2.5		