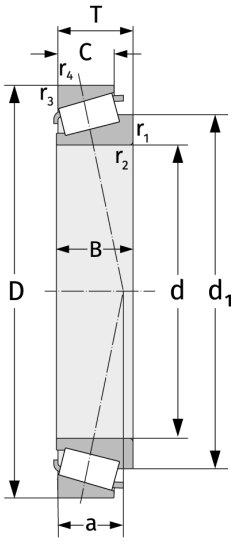
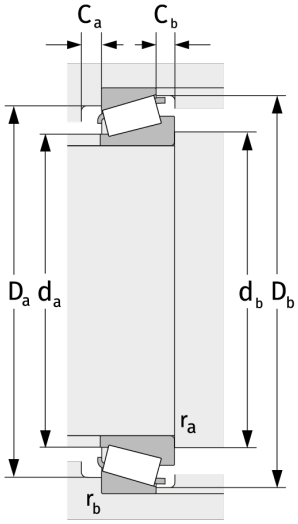
31321X

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	105	B [mm]	53
D [mm]	225	d_1 [mm]	≈ 165.2
T [mm]	58	$r_{1,2}$ [mm]	4
Weight [kg]	≈ 9.79	$r_{3,4}$ [mm]	3
C [mm]	36	a [mm]	≈ 71.3





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	123	C [kN]	416
$d_{b, min}$ [mm]	119	C_0 [kN]	525
$D_{a, min}$ [mm]	180	C_u [kN]	54.4
$D_{a, max}$ [mm]	211	n_{th} [min^{-1}]	2390
$D_{b, min}$ [mm]	214	n_g [min^{-1}]	3200
$C_{a, min}$ [mm]	7	e	0,83
$C_{b, min}$ [mm]	22	Y	0,73
$r_{a, max}$ [mm]	4	Y_0	0,4
$r_{b, max}$ [mm]	3		