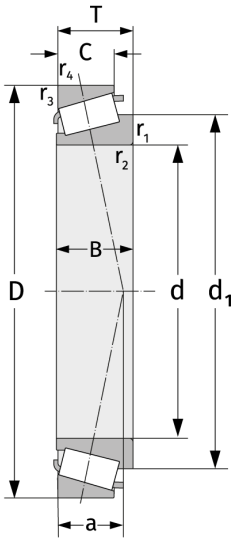
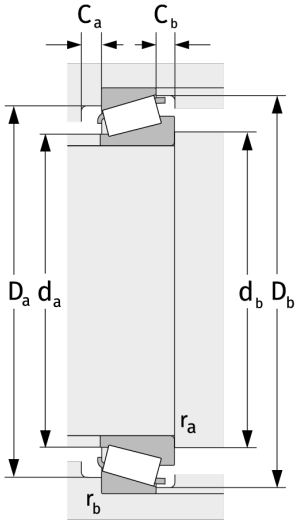
32021X

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	105	B [mm]	35
D [mm]	160	d_1 [mm]	≈ 132.4
T [mm]	35	$r_{1,2}$ [mm]	2.5
Weight [kg]	≈ 2	$r_{3,4}$ [mm]	2
C [mm]	26	a [mm]	≈ 34.8





Mating dimensions	
$d_{a,\,max}$ [mm]	116
$d_{b,\,min}$ [mm]	115
$D_{a,\,min}$ [mm]	143
$D_{a,\,max}$ [mm]	150
$D_{b,\,min}$ [mm]	154
$C_{a,\,min}$ [mm]	6
$C_{b,\,min}$ [mm]	9
$r_{a,\,max}$ [mm]	2.5
$r_{b,\,max}$ [mm]	2

Calculation data	
C [kN]	212
C_0 [kN]	348
C_u [kN]	38
n_{th} [min^{-1}]	2724
n_g [min^{-1}]	4000
e	0,44
Y	1,35
Y_0	0,74