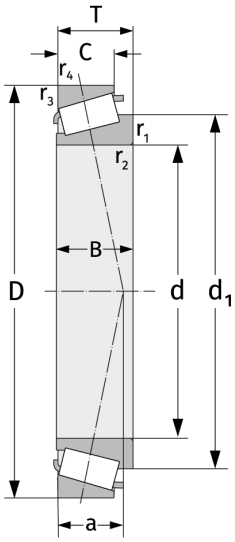
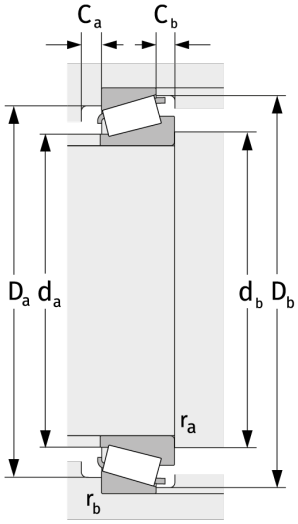
32213

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	65	B [mm]	31
D [mm]	120	d_1 [mm]	≈ 90.5
T [mm]	32.75	$r_{1,2}$ [mm]	2
Weight [kg]	≈ 1.53	$r_{3,4}$ [mm]	1.5
C [mm]	27	a [mm]	≈ 26.8





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	76	C [kN]	163
$d_{b, min}$ [mm]	74	C_0 [kN]	212
$D_{a, min}$ [mm]	104	C_u [kN]	24.1
$D_{a, max}$ [mm]	111	n_{th} [min^{-1}]	3532
$D_{b, min}$ [mm]	115	n_g [min^{-1}]	5800
$C_{a, min}$ [mm]	4	e	0,4
$C_{b, min}$ [mm]	5.5	Y	1,48
$r_{a, max}$ [mm]	2	Y_0	0,81
$r_{b, max}$ [mm]	1.5		