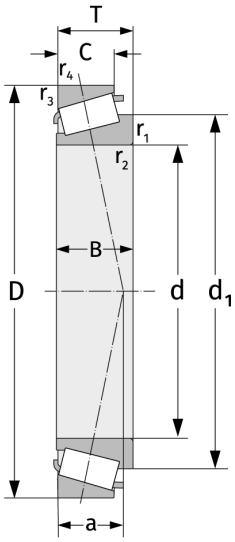
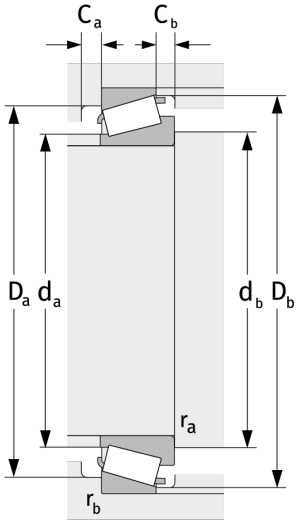
33213

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	65	B [mm]	41
D [mm]	120	d_1 [mm]	≈ 92
T [mm]	41	$r_{1,2}$ [mm]	2
Weight [kg]	≈ 1.98	$r_{3,4}$ [mm]	1.5
C [mm]	32	a [mm]	≈ 30





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	74	C [kN]	202
$d_{b, min}$ [mm]	74	C_0 [kN]	280
$D_{a, min}$ [mm]	102	C_u [kN]	31.9
$D_{a, max}$ [mm]	111	n_{th} [min^{-1}]	3760
$D_{b, min}$ [mm]	115	n_g [min^{-1}]	5800
$C_{a, min}$ [mm]	7	e	0,39
$C_{b, min}$ [mm]	9	Y	1,54
$r_{a, max}$ [mm]	2	Y_0	0,85
$r_{b, max}$ [mm]	1.5		