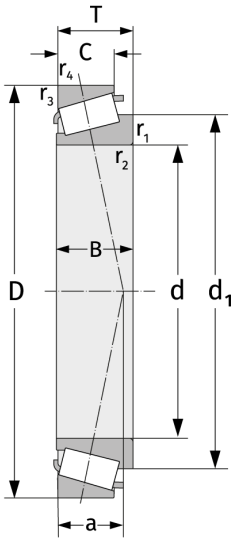
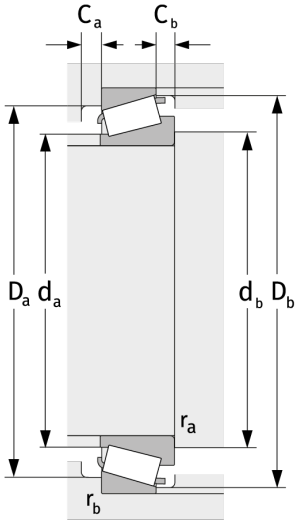
31322X

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	110	B [mm]	57
D [mm]	240	d_1 [mm]	≈ 175.8
T [mm]	63	$r_{1,2}$ [mm]	4
Weight [kg]	≈ 12.1	$r_{3,4}$ [mm]	3
C [mm]	38	a [mm]	≈ 75.2





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	130	C [kN]	469
$d_{b, min}$ [mm]	124	C_0 [kN]	595
$D_{a, min}$ [mm]	190	C_u [kN]	60.8
$D_{a, max}$ [mm]	226	n_{th} [min^{-1}]	2236
$D_{b, min}$ [mm]	228	n_g [min^{-1}]	3000
$C_{a, min}$ [mm]	7	e	0,83
$C_{b, min}$ [mm]	25	Y	0,73
$r_{a, max}$ [mm]	4	Y_0	0,4
$r_{b, max}$ [mm]	3		