

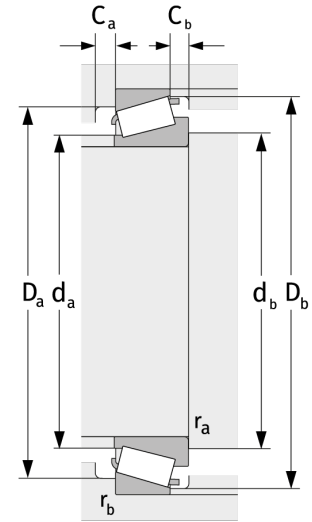
# 31320X

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	100	B [mm]	51
D [mm]	215	d <sub>1</sub> [mm]	≈ 157.6
T [mm]	56.5	r <sub>1,2</sub> [mm]	4
Weight [kg]	≈ 8.67	r <sub>3,4</sub> [mm]	3
C [mm]	35	a [mm]	≈ 67.7



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	121	C [kN]	386
d <sub>b,min</sub> [mm]	114	C <sub>0</sub> [kN]	482
D <sub>a,min</sub> [mm]	168	C <sub>u</sub> [kN]	50.6
D <sub>a,max</sub> [mm]	201	n <sub>th</sub> [min <sup>-1</sup> ]	2543
D <sub>b,min</sub> [mm]	202	n <sub>g</sub> [min <sup>-1</sup> ]	3400
C <sub>a,min</sub> [mm]	7	e	0,83
C <sub>b,min</sub> [mm]	21.5	Y	0,73
r <sub>a,max</sub> [mm]	4	Y <sub>0</sub>	0,4
r <sub>b,max</sub> [mm]	3		