

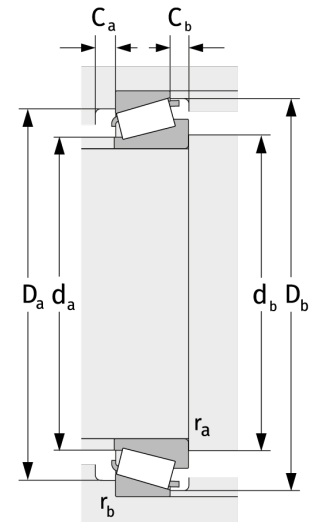
# 31314

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	70	B [mm]	35
D [mm]	150	d <sub>1</sub> [mm]	≈ 109.5
T [mm]	38	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 2.86	r <sub>3,4</sub> [mm]	2.5
C [mm]	25	a [mm]	≈ 47



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	84	C [kN]	194
d <sub>b,min</sub> [mm]	82	C <sub>0</sub> [kN]	228
D <sub>a,min</sub> [mm]	118	C <sub>u</sub> [kN]	26.1
D <sub>a,max</sub> [mm]	138	n <sub>th</sub> [min <sup>-1</sup> ]	3341
D <sub>b,min</sub> [mm]	141	n <sub>g</sub> [min <sup>-1</sup> ]	4900
C <sub>a,min</sub> [mm]	5	e	0,83
C <sub>b,min</sub> [mm]	13	Y	0,73
r <sub>a,max</sub> [mm]	3	Y <sub>0</sub>	0,4
r <sub>b,max</sub> [mm]	2.5		