

# 32920

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	100	B [mm]	25
D [mm]	140	d <sub>1</sub> [mm]	≈ 118.6
T [mm]	25	r <sub>1,2</sub> [mm]	1.5
Weight [kg]	≈ 1.13	r <sub>3,4</sub> [mm]	1.5
C [mm]	20	a [mm]	≈ 24.1



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	109	C [kN]	136
d <sub>b,min</sub> [mm]	107	C <sub>0</sub> [kN]	231
D <sub>a,min</sub> [mm]	131	C <sub>u</sub> [kN]	25.9
D <sub>a,max</sub> [mm]	131	n <sub>th</sub> [min <sup>-1</sup> ]	2673
D <sub>b,min</sub> [mm]	135	n <sub>g</sub> [min <sup>-1</sup> ]	4500
C <sub>a,min</sub> [mm]	5	e	0,33
C <sub>b,min</sub> [mm]	5	Y	1,82
r <sub>a,max</sub> [mm]	1.5	Y <sub>0</sub>	1
r <sub>b,max</sub> [mm]	1.5		