

# 33220

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	100	B [mm]	63
D [mm]	180	d <sub>1</sub> [mm]	≈ 139.2
T [mm]	63	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 6.79	r <sub>3,4</sub> [mm]	2.5
C [mm]	48	a [mm]	≈ 45.6



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	112	C [kN]	447
d <sub>b,min</sub> [mm]	112	C <sub>0</sub> [kN]	685
D <sub>a,min</sub> [mm]	151	C <sub>u</sub> [kN]	74
D <sub>a,max</sub> [mm]	168	n <sub>th</sub> [min <sup>-1</sup> ]	2604
D <sub>b,min</sub> [mm]	172	n <sub>g</sub> [min <sup>-1</sup> ]	3800
C <sub>a,min</sub> [mm]	10	e	0,4
C <sub>b,min</sub> [mm]	15	Y	1,48
r <sub>a,max</sub> [mm]	3	Y <sub>0</sub>	0,82
r <sub>b,max</sub> [mm]	2.5		