

32220

Tapered Roller Bearings (single row, metric)



Details:

Main dimensions			
d [mm]	100	B [mm]	46
D [mm]	180	d ₁ [mm]	≈ 136.8
T [mm]	49	r _{1,2} [mm]	3
Weight [kg]	≈ 5.04	r _{3,4} [mm]	2.5
C [mm]	39	a [mm]	≈ 41.8



Mating dimensions		Calculation data	
d _{a,max} [mm]	114	C [kN]	338
d _{b,min} [mm]	112	C ₀ [kN]	475
D _{a,min} [mm]	154	C _u [kN]	51.3
D _{a,max} [mm]	168	n _{th} [min ⁻¹]	2584
D _{b,min} [mm]	171	n _g [min ⁻¹]	3800
C _{a,min} [mm]	5	e	0,42
C _{b,min} [mm]	10	Y	1,43
r _{a,max} [mm]	3	Y ₀	0,79
r _{b,max} [mm]	2.5		