

33024

Tapered Roller Bearings (single row, metric)



Details:

Main dimensions			
d [mm]	120	B [mm]	48
D [mm]	180	d ₁ [mm]	≈ 147.9
T [mm]	48	r _{1,2} [mm]	2.5
Weight [kg]	≈ 4.17	r _{3,4} [mm]	2
C [mm]	38	a [mm]	≈ 35.5



Mating dimensions		Calculation data	
d _{a,max} [mm]	132	C [kN]	317
d _{b,min} [mm]	130	C ₀ [kN]	580
D _{a,min} [mm]	160	C _u [kN]	61.6
D _{a,max} [mm]	170	n _{th} [min ⁻¹]	2542
D _{b,min} [mm]	171	n _g [min ⁻¹]	3600
C _{a,min} [mm]	6	e	0,31
C _{b,min} [mm]	10	Y	1,97
r _{a,max} [mm]	2.5	Y ₀	1,08
r _{b,max} [mm]	2		