

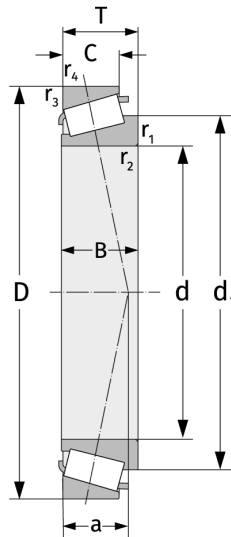
# 30222

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	110	B [mm]	38
D [mm]	200	d <sub>1</sub> [mm]	≈ 149.7
T [mm]	41	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 5.08	r <sub>3,4</sub> [mm]	2.5
C [mm]	32	a [mm]	≈ 39.5



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	129	C [kN]	320
d <sub>b,min</sub> [mm]	122	C <sub>0</sub> [kN]	425
D <sub>a,min</sub> [mm]	174	C <sub>u</sub> [kN]	44.7
D <sub>a,max</sub> [mm]	188	n <sub>th</sub> [min <sup>-1</sup> ]	2536
D <sub>b,min</sub> [mm]	187	n <sub>g</sub> [min <sup>-1</sup> ]	3400
C <sub>a,min</sub> [mm]	6	e	0,42
C <sub>b,min</sub> [mm]	9	Y	1,43
r <sub>a,max</sub> [mm]	3	Y <sub>0</sub>	0,79
r <sub>b,max</sub> [mm]	2.5		