

# 30356

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	280	B [mm]	108
D [mm]	580	d <sub>1</sub> [mm]	≈ 403.9
T [mm]	119	r <sub>1,2</sub> [mm]	7.5
Weight [kg]	≈ 130	r <sub>3,4</sub> [mm]	6
C [mm]	90	a [mm]	≈ 100.3



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	344	C [kN]	2270
d <sub>b,min</sub> [mm]	306	C <sub>0</sub> [kN]	3090
D <sub>a,min</sub> [mm]	492	C <sub>u</sub> [kN]	253
D <sub>a,max</sub> [mm]	548	n <sub>th</sub> [min <sup>-1</sup> ]	715
D <sub>b,min</sub> [mm]	530	n <sub>g</sub> [min <sup>-1</sup> ]	1200
C <sub>a,min</sub> [mm]	12	e	0,35
C <sub>b,min</sub> [mm]	29	Y	1,74
r <sub>a,max</sub> [mm]	7.5	Y <sub>0</sub>	0,96
r <sub>b,max</sub> [mm]	6		