

# 30314

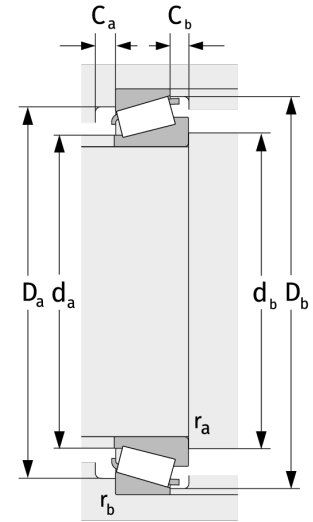
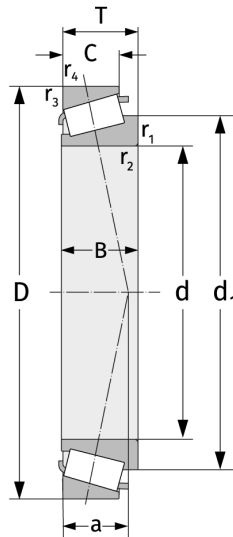
Tapered Roller Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	70	B [mm]	35
D [mm]	150	d <sub>1</sub> [mm]	≈ 106.4
T [mm]	38	r <sub>1,2</sub> [mm]	3
Weight [kg]	≈ 2.96	r <sub>3,4</sub> [mm]	2.5
C [mm]	30	a [mm]	≈ 30.3



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	89	C [kN]	226
d <sub>b,min</sub> [mm]	82	C <sub>0</sub> [kN]	266
D <sub>a,min</sub> [mm]	130	C <sub>u</sub> [kN]	30.3
D <sub>a,max</sub> [mm]	138	n <sub>th</sub> [min <sup>-1</sup> ]	3701
D <sub>b,min</sub> [mm]	140	n <sub>g</sub> [min <sup>-1</sup> ]	4800
C <sub>a,min</sub> [mm]	5	e	0,35
C <sub>b,min</sub> [mm]	8	Y	1,74
r <sub>a,max</sub> [mm]	3	Y <sub>0</sub>	0,96
r <sub>b,max</sub> [mm]	2.5		