

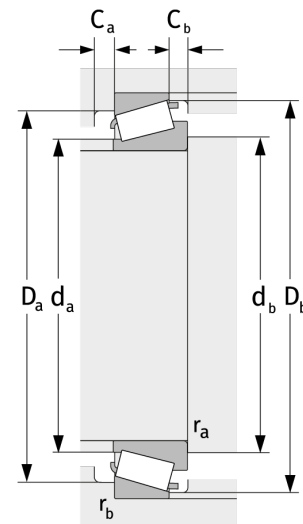
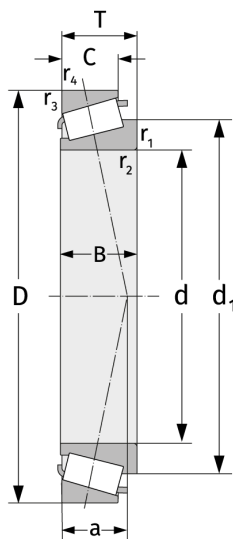
# 31318

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	90	B [mm]	43
D [mm]	190	d <sub>1</sub> [mm]	≈ 138
T [mm]	46.5	r <sub>1,2</sub> [mm]	4
Weight [kg]	≈ 5.4	r <sub>3,4</sub> [mm]	3
C [mm]	30	a [mm]	≈ 58.2



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	109	C [kN]	281
d <sub>b,min</sub> [mm]	104	C <sub>0</sub> [kN]	335
D <sub>a,min</sub> [mm]	151	C <sub>u</sub> [kN]	36.2
D <sub>a,max</sub> [mm]	176	n <sub>th</sub> [min <sup>-1</sup> ]	2809
D <sub>b,min</sub> [mm]	179	n <sub>g</sub> [min <sup>-1</sup> ]	3900
C <sub>a,min</sub> [mm]	6	e	0,83
C <sub>b,min</sub> [mm]	16.5	Y	0,73
r <sub>a,max</sub> [mm]	4	Y <sub>0</sub>	0,4
r <sub>b,max</sub> [mm]	3		