

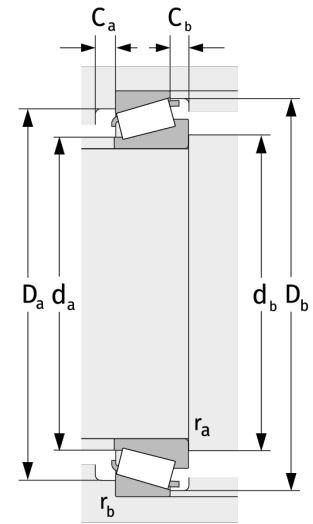
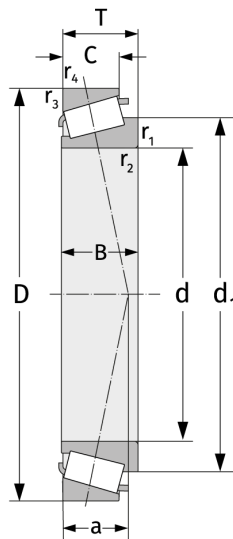
# 32018X

Tapered Roller Bearings (single row, metric)



## Details:

Main dimensions			
d [mm]	90	B [mm]	32
D [mm]	140	d <sub>1</sub> [mm]	≈ 114.5
T [mm]	32	r <sub>1,2</sub> [mm]	2
Weight [kg]	≈ 1	r <sub>3,4</sub> [mm]	1.5
C [mm]	24	a [mm]	≈ 30.1



Mating dimensions		Calculation data	
d <sub>a,max</sub> [mm]	100	C [kN]	172
d <sub>b,min</sub> [mm]	99	C <sub>0</sub> [kN]	270
D <sub>a,min</sub> [mm]	125	C <sub>u</sub> [kN]	30.5
D <sub>a,max</sub> [mm]	131	n <sub>th</sub> [min <sup>-1</sup> ]	3124
D <sub>b,min</sub> [mm]	134	n <sub>g</sub> [min <sup>-1</sup> ]	4700
C <sub>a,min</sub> [mm]	6	e	0,42
C <sub>b,min</sub> [mm]	8	Y	1,42
r <sub>a,max</sub> [mm]	2	Y <sub>0</sub>	0,78
r <sub>b,max</sub> [mm]	1.5		