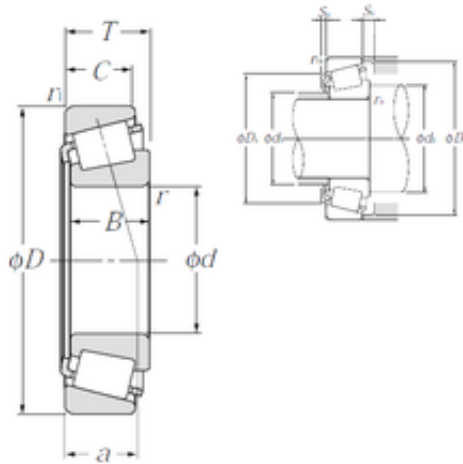




# Timken BEARING MFG.CORP

## 45 mm x 100 mm x 25 mm NTN 4T-30309D tapered roller bearings



Bearing No. 4T-30309D

4T-30309D Bearing 2D drawings and 3D CAD models

Size	45x100x27.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	27,25 mm
d	45 mm
D	100 mm
T	27,25 mm
B	25 mm
C	18 mm
ra1 max.	1,5 mm
a	32,5 mm
r min.	2 mm
r1 min.	1,5 mm
da min.	55 mm
Da min	79 mm
Da max.	91,5 mm
db max.	56 mm
Db min.	96 mm
ra max.	2 mm
Sa	3 mm
Sb	9 mm
Weight	0,958 Kg
Basic dynamic load rating (C)	96 kN
Basic static load rating (C0)	109 kN
(Grease) Lubrication Speed	3 500 r/min



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(Oil) Lubrication Speed	4 600 r/min
Calculation factor (e)	0,83
Calculation factor (Y0)	0,4
d1	75 mm
rs min	2 mm
r1s min	1.5 mm
e	0.83
Y2	0.73
Y0	0.4
Mass	0.96 kg
ISO 355 reference	T7FB045
Dynamic load, C	96 kN
Rating life coefficient, A2	1.4
Static load, C0	109 kN
Fatigue limit load, Cu	13.3 kN
Nlim (oil)	4,600 rpm
Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.52 Hz
Characteristic outer ring frequency, BPF0	6.76 Hz
Characteristic inner ring frequency, BPF1	9.24 Hz
da max	56 mm
db min	55 mm
Da max	91.5 mm
Db min	96 mm
Ca min	3 mm



## Timken BEARING MFG.CORP

Cb min	9 mm
ra max	2 mm
r1a max	1.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359526288
Product Group	B04336