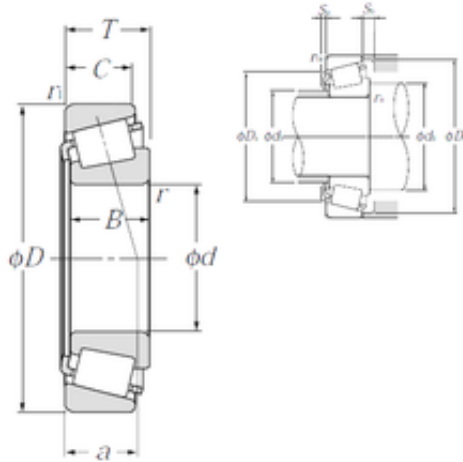




# BEARING CORP. LTD.

## 45 mm x 85 mm x 19 mm NTN 4T-30209 tapered roller bearings



Bearing No. 4T-30209

Size	45x85x20.75 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	20,75 mm
d	45 mm
D	85 mm
T	20,75 mm
B	19 mm
C	16 mm
ra1 max.	1,5 mm
a	18 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	53,5 mm
Da min	74 mm
Da max.	76,5 mm
db max.	54 mm
Db min.	80 mm
ra max.	1,5 mm
Sa	3 mm
Sb	4,5 mm
Weight	0,495 Kg
Basic dynamic load rating (C)	67,5 kN
Basic static load rating (C0)	78,5 kN
(Grease) Lubrication Speed	4 400 r/min

4T-30209 Bearing 2D drawings and 3D CAD models



## BEARING CORP. LTD.

(Oil) Lubrication Speed	5 900 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,81
d1	64 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.4
Y2	1.48
Y0	0.81
Mass	0.5 kg
ISO 355 reference	T3DB045
Dynamic load, C	67.5 kN
Rating life coefficient, A2	1.4
Static load, C0	78.5 kN
Fatigue limit load, Cu	9.6 kN
Nlim (oil)	5,900 rpm
Nlim (grease)	4,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.36 Hz
Characteristic outer ring frequency, BPF0	7.66 Hz
Characteristic inner ring frequency, BRFI	10.34 Hz
da max	54 mm
db min	53.5 mm
Da max	76.5 mm
Db min	80 mm
Ca min	3 mm



## BEARING CORP. LTD.

Cb min	4.5 mm
ra max	1.5 mm
r1a max	1.5 mm
Category	Roller Bearings
Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359003215
Product Group	B04336