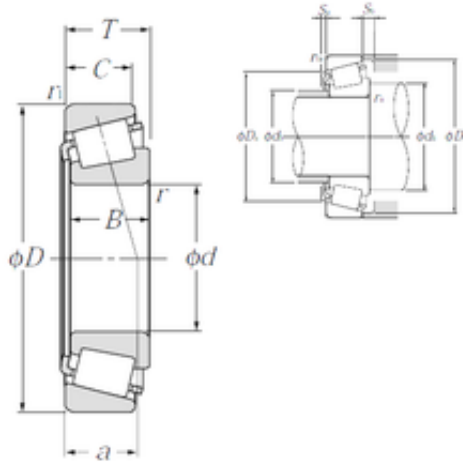




# FML ske Manufacturing Co., Ltd



## 25 mm x 52 mm x 22 mm NTN 4T-33205 tapered roller bearings

Bearing No. 4T-33205

4T-33205 Bearing 2D drawings and 3D CAD models

Size	25x52x22 mm
Bore Diameter	25 mm
Outer Diameter	52 mm
Width	22 mm
d	25 mm
D	52 mm
T	22 mm
B	22 mm
C	18 mm
ra1 max.	1 mm
a	14 mm
r min.	1 mm
r1 min.	1 mm
da min.	30,5 mm
Da min	43 mm
Da max.	46,5 mm
db max.	30 mm
Db min.	49 mm
ra max.	1 mm
Sa	4 mm
Sb	4 mm
Weight	0,217 Kg
Basic dynamic load rating (C)	47,5 kN
Basic static load rating (C0)	57,5 kN
(Grease) Lubrication Speed	7 300 r/min



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(Oil) Lubrication Speed	9 800 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,94
d1	39 mm
rs min	1 mm
r1s min	1 mm
e	0.35
Y2	1.71
Y0	0.94
Mass	0.22 kg
ISO 355 reference	T2DE025
Dynamic load, C	47.5 kN
Rating life coefficient, A2	1.4
Static load, C0	57.5 kN
Fatigue limit load, Cu	7 kN
Nlim (oil)	9,800 rpm
Nlim (grease)	7,300 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	5.83 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring frequency, BPF1	9.3 Hz
da max	30 mm
db min	30.5 mm
Da max	46.5 mm
Db min	49 mm
Ca min	4 mm



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Cb min	4 mm
ra max	1 mm
r1a max	1 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359530605
Product Group	B04334