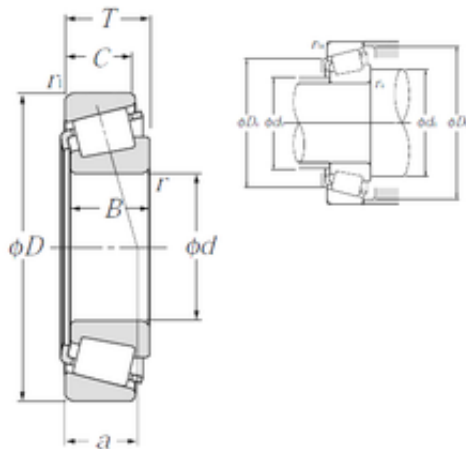




# Timken BEARINGS INDUSTRY

45,618 mm x 83,058 mm x 25,4 mm NTN  
4T-25590/25522 tapered roller bearings



Bearing No. 4T-25590/25522

4T-25590/25522 Bearing 2D drawings and 3D CAD models

Size	45.618x83.058x23.876 mm
Bore Diameter	45,618 mm
Outer Diameter	83,058 mm
Width	23,876 mm
d	45,618 mm
D	83,058 mm
T	23,876 mm
B	25,4 mm
C	19,114 mm
ra1 max.	2 mm
a	6,2 mm
Da	73 mm
db	51 mm
ra max.	3,5 mm
da	58 mm
Db	77 mm
Weight	0,545 Kg
Basic dynamic load rating (C)	76 kN
Basic static load rating (C0)	98 kN
(Grease) Lubrication Speed	4 500 r/min
(Oil) Lubrication Speed	6 000 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	0,99
d1	63 mm
e	0.33



## Timken BEARINGS INDUSTRY

Y2	1.79
Y0	0.99
Mass	0.54 kg
Dynamic load, C	76 kN
Rating life coefficient, A2	1.4
Static load, C0	98 kN
Fatigue limit load, Cu	12 kN
Nlim (oil)	6,000 rpm
Nlim (grease)	4,500 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	7.08 Hz
Characteristic outer ring frequency, BPF0	7.78 Hz
Characteristic inner ring frequency, BPF1	10.22 Hz
ra max	3.5 mm
r1a max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.555
Product Group	B04334