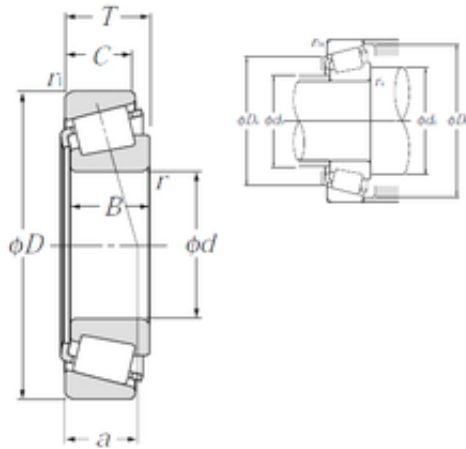




## NTN Bearing Driveshaft do Brasil



53,975 mm x 104,775 mm x 30,958 mm 53,975  
mm x 104,775 mm x 30,958 mm NTN  
4T-45287/45220 tapered roller bearings

Bearing No. 4T-45287/45220

4T-45287/45220 Bearing 2D drawings and 3D CAD  
models

Size	53.975x104.775x30.162 mm
Bore Diameter	53,975 mm
Outer Diameter	104,775 mm
Width	30,162 mm
d	53,975 mm
D	104,775 mm
T	30,162 mm
B	30,958 mm
C	23,812 mm
ra1 max.	3,3 mm
a	7,9 mm
Da	93 mm
db	62 mm
ra max.	0,8 mm
da	62 mm
Db	99 mm
Weight	1,17 Kg
Basic dynamic load rating (C)	130 kN
Basic static load rating (C0)	169 kN
(Grease) Lubrication Speed	3 500 r/min
(Oil) Lubrication Speed	4 700 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	0,99
d1	80 mm



## NTN Bearing Driveshaft do Brasil

e	0.33
Y2	1.8
Y0	0.99
Mass	1.17 kg
Dynamic load, C	130 kN
Rating life coefficient, A2	1.4
Static load, C0	169 kN
Fatigue limit load, Cu	20.6 kN
Nlim (oil)	4,700 rpm
Nlim (grease)	3,500 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	6.56 Hz
Characteristic outer ring frequency, BPF0	7.69 Hz
Characteristic inner ring frequency, BRF1	10.31 Hz
ra max	0.8 mm
r1a max	3.3 mm