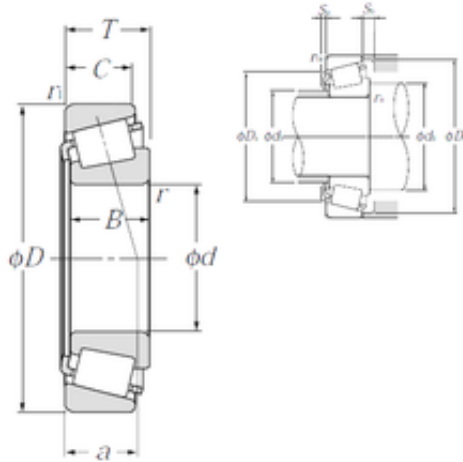




NTN BEARING CORP.OF

100 mm x 180 mm x 34 mm NTN 30220U Single Row Tapered Roller Bearings



Bearing No. 30220U

Size	100x180x37 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	37 mm
d	100 mm
D	180 mm
T	37 mm
B	34 mm
C	29 mm
ra1 max.	2 mm
a	36 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	114 mm
Da min	157 mm
Da max.	168 mm
db max.	116 mm
Db min.	168 mm
ra max.	2,5 mm
Sa	5 mm
Sb	8 mm
Weight	3,78 Kg
Basic dynamic load rating (C)	258 kN
Basic static load rating (C0)	335 kN
(Grease) Lubrication Speed	2 000 r/min

30220U Bearing 2D drawings and 3D CAD models



NTN BEARING CORP.OF

(Oil) Lubrication Speed	2 700 r/min
Calculation factor (e)	0,42
Calculation factor (Y0)	0,79
d1	135.5 mm
rs min	3 mm
r1s min	2.5 mm
e	0.42
Y2	1.43
Y0	0.79
Mass	3.78 kg
ISO 355 reference	T3FB100
Dynamic load, C	258 kN
Rating life coefficient, A2	1
Static load, C0	335 kN
Fatigue limit load, Cu	37 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,000 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	6.63 Hz
Characteristic outer ring frequency, BPF0	8.58 Hz
Characteristic inner ring frequency, BRFI	11.42 Hz
da max	116 mm
db min	114 mm
Da max	168 mm
Db min	168 mm
Ca min	5 mm



NTN BEARING CORP.OF

Cb min	8 mm
ra max	2.5 mm
r1a max	2 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359526066
Product Group	B04334