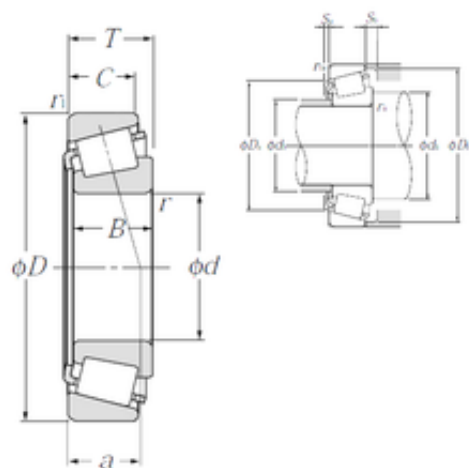




Bearing No. 30220U

B	34 mm
e	0.42
d	100 mm
D	180 mm
T	37 mm
C	29 mm
a	36 mm
Y2	1.43
Sa	5 mm
d1	135.5 mm
Y0	0.79
Sb	8 mm
Mass	3.78 kg
ra max	2.5 mm
Weight	3,78 Kg
Ca min	5 mm
Db min	168 mm
r min.	3 mm
Da max	168 mm
rs min	3 mm
Da min	157 mm
Cb min	8 mm
db min	114 mm
da max	116 mm
r1s min	2.5 mm
ra max.	2,5 mm
r1a max	2 mm
Db min.	168 mm
db max.	116 mm
Da max.	168 mm

da min.	114 mm
r1 min.	2,5 mm
ra1 max.	2 mm
Category	Roller Bearings
Size (mm)	100x180x37
Inventory	0.0
Nlim (oil)	2,700 rpm
Width (mm)	37
Nlim (grease)	2,000 rpm
Product Group	B04334
Bearing number	30220U
Static load, C0	335 kN
Dynamic load, C	258 kN
ISO 355 reference	T3FB100
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A
Calculation factor (e)	0,42
Fatigue limit load, Cu	37 kN
(Oil) Lubrication Speed	2 700 r/min
Calculation factor (Y0)	0,79
(Grease) Lubrication Speed	2 000 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	335 kN
Basic dynamic load rating (C)	258 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	11.42 Hz
Characteristic outer ring frequency, BPF0	8.58 Hz
Characteristic rolling element frequency, BSF	6.63 Hz