



Bearing No. 4T-32304

B	21 mm
e	0.3
d	20 mm
D	52 mm
T	22,25 mm
C	18 mm
a	14 mm
Y2	2
Sa	3 mm
d1	35 mm
Y0	1.1
Sb	4 mm
Mass	0.24 kg
ra max	1.5 mm
Weight	0,245 Kg
Ca min	3 mm
Db min	47 mm
r min.	1,5 mm
Da max	43.5 mm
rs min	1.5 mm
Da min	43 mm
Cb min	4 mm
db min	28.5 mm
da max	27 mm
r1s min	1.5 mm
ra max.	1,5 mm
r1a max	1.5 mm
Db min.	47 mm
db max.	27 mm
Da max.	43,5 mm

da min.	28,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Roller Bearings
Size (mm)	20x52x22.25
Inventory	0.0
Nlim (oil)	11,000 rpm
Width (mm)	22,25
Nlim (grease)	8,000 rpm
Product Group	B04334
Bearing number	4T-32304
Static load, C0	48.5 kN
Dynamic load, C	46.5 kN
ISO 355 reference	T2FD020
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	20
Outer Diameter (mm)	52
Minimum Buy Quantity	N/A
Calculation factor (e)	0,3
Fatigue limit load, Cu	5.9 kN
(Oil) Lubrication Speed	11 000 r/min
Calculation factor (Y0)	1,1
(Grease) Lubrication Speed	8 000 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	48,5 kN
Basic dynamic load rating (C)	46,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPF1	7.87 Hz
Characteristic outer ring frequency, BPF0	5.13 Hz
Characteristic rolling element frequency, BSF	4.43 Hz