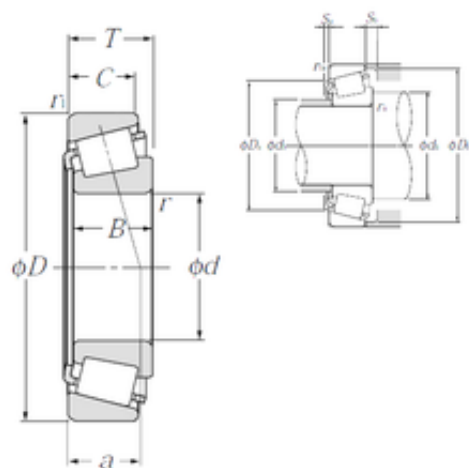




Bearing No. 32309U

B	36 mm
e	0.35
d	45 mm
D	100 mm
T	38,25 mm
C	30 mm
a	25,5 mm
Y2	1.74
Sa	3 mm
d1	71.5 mm
Y0	0.96
Sb	8 mm
Mass	1.46 kg
ra max	2 mm
Weight	1,46 Kg
Ca min	3 mm
Db min	93 mm
r min.	2 mm
Da max	91.5 mm
rs min	2 mm
Da min	82 mm
Cb min	8 mm
db min	55 mm
da max	56 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	93 mm
db max.	56 mm
Da max.	91,5 mm

da min.	55 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Bearings
Size (mm)	45x100x38.25
Inventory	0.0
Nlim (oil)	5,300 rpm
Width (mm)	38,25
Nlim (grease)	4,000 rpm
Product Group	B04334
Bearing number	32309U
Static load, C0	191 kN
Dynamic load, C	154 kN
ISO 355 reference	T2FD045
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	23.3 kN
(Oil) Lubrication Speed	5 300 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	4 000 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	191 kN
Basic dynamic load rating (C)	154 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPFI	9.43 Hz
Characteristic outer ring frequency, BPF0	6.57 Hz
Characteristic rolling element frequency, BSF	5.28 Hz