

# NTN K105×113×30 needle roller bearings

NTN K105×113×30 needle roller bearings Needs Analysis , Manufacturing 165.1×225.425×41.275 Size (mm) Service . Get Your Free.

Size (mm)	165.1×225.425×41.275
Bore Diameter (mm)	165,1
Outer Diameter (mm)	225,425
Width (mm)	41,275
d	165,1 mm
D	225,425 mm
T	41,275 mm
B	39,688 mm
C	33,338 mm
ra1 max.	3,3 mm
a –	2,6 mm
Da	209 mm
db	174 mm
ra max.	3,5 mm
da	181 mm
Db	218 mm
Weight	4,69 Kg
Basic dynamic load rating (C)	254 kN
Basic static load rating (C0)	555 kN
(Grease) Lubrication Speed	1 400 r/min
(Oil) Lubrication Speed	1 900 r/min
Calculation factor (e)	0,38

Calculation factor (Y0)	0,86
d1	197.5 mm
a	43.88 mm
e	0.38
Y2	1.57
Y0	0.86
Mass	4.69 kg
Dynamic load, C	254 kN
Rating life coefficient, A2	1.4
Static load, C0	555 kN
Fatigue limit load, Cu	55.3 kN
Nlim (oil)	1,900 rpm
Nlim (grease)	1,400 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.72 Hz
Characteristic outer ring frequency, BPF0	19.79 Hz
Characteristic inner ring frequency, BRFI	22.21 Hz
ra max	3.5 mm
r1a max	3.3 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359303810
Product Group	B04336