



Bearing No. 32021XU

B	35 mm
e	0.44
d	105 mm
D	160 mm
T	35 mm
C	26 mm
a	34,5 mm
Y2	1.35
Sa	6 mm
d1	133.5 mm
Y0	0.74
Sb	9 mm
Mass	2.42 kg
ra max	2 mm
Weight	2,42 Kg
Ca min	6 mm
Db min	154 mm
r min.	2,5 mm
Da max	150 mm
rs min	2.5 mm
Da min	143 mm
Cb min	9 mm
db min	117 mm
da max	116 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	154 mm
db max.	116 mm
Da max.	150 mm

da min.	117 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	105x160x35
Inventory	0.0
Nlim (oil)	2,800 rpm
Width (mm)	35
Nlim (grease)	2,100 rpm
Product Group	B04334
Bearing number	32021XU
Static load, C0	335 kN
Dynamic load, C	201 kN
ISO 355 reference	T4DC105
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	105
Outer Diameter (mm)	160
Minimum Buy Quantity	N/A
Calculation factor (e)	0,44
Fatigue limit load, Cu	37.5 kN
(Oil) Lubrication Speed	2 800 r/min
Calculation factor (Y0)	0,74
(Grease) Lubrication Speed	2 100 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	335 kN
Basic dynamic load rating (C)	201 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPF1	15.31 Hz
Characteristic outer ring frequency, BPF0	12.69 Hz
Characteristic rolling element frequency, BSF	10.13 Hz