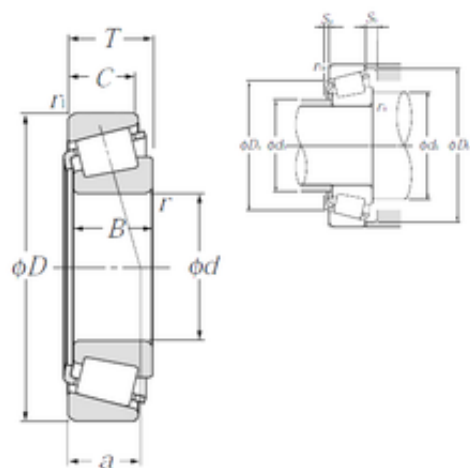




Bearing No. 32018XU

B	32 mm
e	0.42
d	90 mm
D	140 mm
T	32 mm
C	24 mm
a	30 mm
Y2	1.42
Sa	6 mm
d1	115.5 mm
Y0	0.78
Sb	8 mm
Mass	1.79 kg
ra max	2 mm
Weight	1,79 Kg
Ca min	6 mm
Db min	134 mm
r min.	2 mm
Da max	131.5 mm
rs min	2 mm
Da min	125 mm
Cb min	8 mm
db min	100 mm
da max	100 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	134 mm
db max.	100 mm
Da max.	131,5 mm

da min.	100 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Bearings
Size (mm)	90x140x32
Inventory	0.0
Nlim (oil)	3,300 rpm
Width (mm)	32
Nlim (grease)	2,500 rpm
Product Group	B04334
Bearing number	32018XU
Static load, C0	270 kN
Dynamic load, C	168 kN
ISO 355 reference	T3CC090
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	90
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
Calculation factor (e)	0,42
Fatigue limit load, Cu	31.6 kN
(Oil) Lubrication Speed	3 300 r/min
Calculation factor (Y0)	0,78
(Grease) Lubrication Speed	2 500 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	270 kN
Basic dynamic load rating (C)	168 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	15.39 Hz
Characteristic outer ring frequency, BPF0	12.61 Hz
Characteristic rolling element frequency, BSF	9.62 Hz