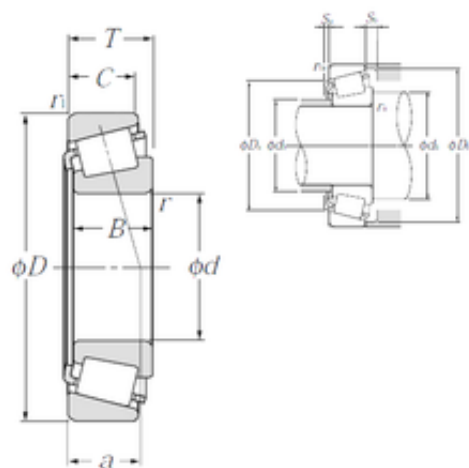




Bearing No. 30218U

B	30 mm
e	0.42
d	90 mm
D	160 mm
T	32,5 mm
C	26 mm
a	32 mm
Y2	1.43
Sa	5 mm
d1	121 mm
Y0	0.79
Sb	6,5 mm
Mass	2.66 kg
ra max	2 mm
Weight	2,66 Kg
Ca min	5 mm
Db min	150 mm
r min.	2,5 mm
Da max	150 mm
rs min	2.5 mm
Da min	140 mm
Cb min	6.5 mm
db min	102 mm
da max	103 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	150 mm
db max.	103 mm
Da max.	150 mm

da min.	102 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Roller Bearings
Size (mm)	90x160x32.5
Inventory	0.0
Nlim (oil)	3,000 rpm
Width (mm)	32,5
Nlim (grease)	2,200 rpm
Product Group	B04334
Bearing number	30218U
Static load, C0	267 kN
Dynamic load, C	208 kN
ISO 355 reference	T3FB090
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Minimum Buy Quantity	N/A
Calculation factor (e)	0,42
Fatigue limit load, Cu	30.5 kN
(Oil) Lubrication Speed	3 000 r/min
Calculation factor (Y0)	0,79
(Grease) Lubrication Speed	2 200 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	267 kN
Basic dynamic load rating (C)	208 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	11.42 Hz
Characteristic outer ring frequency, BPF0	8.58 Hz
Characteristic rolling element frequency, BSF	6.63 Hz