



Bearing No. 30219U

B	32 mm
e	0.42
d	95 mm
D	170 mm
T	34,5 mm
C	27 mm
a	34 mm
Y2	1.43
Sa	5 mm
d1	128 mm
Y0	0.79
Sb	7,5 mm
Mass	3.07 kg
ra max	2.5 mm
Weight	3,07 Kg
Ca min	5 mm
Db min	159 mm
r min.	3 mm
Da max	158 mm
rs min	3 mm
Da min	149 mm
Cb min	7.5 mm
db min	109 mm
da max	110 mm
r1s min	2.5 mm
ra max.	2,5 mm
r1a max	2 mm
Db min.	159 mm
db max.	110 mm
Da max.	158 mm

da min.	109 mm
r1 min.	2,5 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	95x170x34.5
Inventory	0.0
Nlim (oil)	2,800 rpm
Width (mm)	34,5
Nlim (grease)	2,100 rpm
Product Group	B04334
Bearing number	30219U
Static load, C0	290 kN
Dynamic load, C	226 kN
ISO 355 reference	T3FB095
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	95
Outer Diameter (mm)	170
Minimum Buy Quantity	N/A
Calculation factor (e)	0,42
Fatigue limit load, Cu	32.6 kN
(Oil) Lubrication Speed	2 800 r/min
Calculation factor (Y0)	0,79
(Grease) Lubrication Speed	2 100 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	290 kN
Basic dynamic load rating (C)	226 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	11.42 Hz
Characteristic outer ring frequency, BPF0	8.58 Hz
Characteristic rolling element frequency, BSF	6.62 Hz