



Bearing No. 32918XU

B	23 mm
e	0.34
d	90 mm
D	125 mm
T	23 mm
C	18 mm
a	22 mm
Y2	1.75
Sa	4 mm
d1	108 mm
Y0	0.96
Sb	5 mm
Mass	0.82 kg
ra max	1.5 mm
Weight	0,817 Kg
Ca min	4 mm
Db min	120.5 mm
r min.	1,5 mm
Da max	116.5 mm
rs min	1.5 mm
Da min	112,5 mm
Cb min	5 mm
db min	98.5 mm
da max	96 mm
r1s min	1.5 mm
ra max.	1,5 mm
r1a max	1.5 mm
Db min.	120,5 mm
db max.	96 mm
Da max.	116,5 mm

da min.	98,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Bearings
Size (mm)	90x125x23
Inventory	0.0
Nlim (oil)	3,600 rpm
Width (mm)	23
Nlim (grease)	2,700 rpm
Product Group	B04334
Bearing number	32918XU
Static load, C0	168 kN
Dynamic load, C	97.5 kN
ISO 355 reference	T2BC090
Weight / US pound	1.764
Manufacturer Name	NTN
Bore Diameter (mm)	90
Outer Diameter (mm)	125
Minimum Buy Quantity	N/A
Calculation factor (e)	0,34
Fatigue limit load, Cu	20.1 kN
(Oil) Lubrication Speed	3 600 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	2 700 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	168 kN
Basic dynamic load rating (C)	97,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	17.74 Hz
Characteristic outer ring frequency, BPF0	15.26 Hz
Characteristic rolling element frequency, BSF	12.86 Hz