



90 mm x 125 mm x 23 mm NTN 32918XU tapered roller bearings

Bearing No. 32918XU

32918XU Bearing 2D drawings and 3D CAD models

Size	90x125x23 mm
Bore Diameter	90 mm
Outer Diameter	125 mm
Width	23 mm
d	90 mm
D	125 mm
T	23 mm
B	23 mm
C	18 mm
ra1 max.	1,5 mm
a	22 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	98,5 mm
Da min	112,5 mm
Da max.	116,5 mm
db max.	96 mm
Db min.	120,5 mm
ra max.	1,5 mm
Sa	4 mm
Sb	5 mm
Weight	0,817 Kg
Basic dynamic load rating (C)	97,5 kN
Basic static load rating (C0)	168 kN
(Grease) Lubrication Speed	2 700 r/min



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(Oil) Lubrication Speed	3 600 r/min
Calculation factor (e)	0,34
Calculation factor (Y0)	0,96
d1	108 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.34
Y2	1.75
Y0	0.96
Mass	0.82 kg
ISO 355 reference	T2BC090
Dynamic load, C	97.5 kN
Rating life coefficient, A2	1
Static load, C0	168 kN
Fatigue limit load, Cu	20.1 kN
Nlim (oil)	3,600 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.86 Hz
Characteristic outer ring frequency, BPF0	15.26 Hz
Characteristic inner ring frequency, BRFI	17.74 Hz
da max	96 mm
db min	98.5 mm
Da max	116.5 mm
Db min	120.5 mm
Ca min	4 mm



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Cb min	5 mm
ra max	1.5 mm
r1a max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / US pound	1.764
Product Group	B04334