



Bearing No. 32308U

B	33 mm
e	0.35
d	40 mm
D	90 mm
T	35,25 mm
C	27 mm
a	23 mm
Y2	1.74
Sa	3 mm
d1	63.5 mm
Y0	0.96
Sb	8 mm
Mass	1.08 kg
ra max	2 mm
Weight	1,08 Kg
Ca min	3 mm
Db min	82 mm
r min.	2 mm
Da max	81.5 mm
rs min	2 mm
Da min	73 mm
Cb min	8 mm
db min	50 mm
da max	50 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	82 mm
db max.	50 mm
Da max.	81,5 mm

da min.	50 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Bearings
Size (mm)	40x90x35.25
Inventory	0.0
Nlim (oil)	5,900 rpm
Width (mm)	35,25
Nlim (grease)	4,400 rpm
Product Group	B04334
Bearing number	32308U
Static load, C0	150 kN
Dynamic load, C	122 kN
ISO 355 reference	T2FD040
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	18.3 kN
(Oil) Lubrication Speed	5 900 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	4 400 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	150 kN
Basic dynamic load rating (C)	122 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPF1	9.43 Hz
Characteristic outer ring frequency, BPF0	6.57 Hz
Characteristic rolling element frequency, BSF	5.28 Hz