



Bearing No. 4T-32308C

B	33 mm
e	0.55
d	40 mm
D	90 mm
T	35,25 mm
C	27 mm
a	27,5 mm
Y2	1.1
Sa	3 mm
d1	66.5 mm
Y0	0.6
Sb	8 mm
Mass	1.1 kg
ra max	2 mm
Weight	1,1 Kg
Ca min	3 mm
Db min	84 mm
r min.	2 mm
Da max	81.5 mm
rs min	2 mm
Da min	72 mm
Cb min	8 mm
db min	50 mm
da max	48 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	84 mm
db max.	48 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)	5,600 rpm
Width (mm)	35,25
Nlim (grease)	4,200 rpm
Product Group	B04334
Bearing number	4T-32308C
Static load, C0	140 kN
Dynamic load, C	110 kN
ISO 355 reference	T5FD040
Weight / Kilogram	1.11
Manufacturer Name	NTN
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Calculation factor (e)	0,55
Fatigue limit load, Cu	17.1 kN
(Oil) Lubrication Speed	5 600 r/min
Calculation factor (Y0)	0,6
(Grease) Lubrication Speed	4 200 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	140 kN
Basic dynamic load rating (C)	110 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPI	9.25 Hz
Characteristic outer ring frequency, BPO	6.75 Hz
Characteristic rolling element frequency, BSF	5.86 Hz