

# NTN 7940DT angular contact ball bearings

NTN 7940DT angular contact ball bearings 72,626 Outer Diameter (mm) Needs Analysis , Manufacturing Service . Get Your 31.75×72.626×30.162 Size (mm) Free.

Size (mm)	31.75×72.626×30.162
Bore Diameter (mm)	31,75
Outer Diameter (mm)	72,626
Width (mm)	30,162
d	31,75 mm
D	72,626 mm
T	30,162 mm
B	29,997 mm
C	23,812 mm
ra1 max.	3,3 mm
a	9,9 mm
Da	61 mm
db	39,5 mm
ra max.	0,8 mm
da	40 mm
Db	67 mm
Weight	0,603 Kg
Basic dynamic load rating (C)	84,5 kN
Basic static load rating (C0)	98 kN
(Grease) Lubrication Speed	5 500 r/min
(Oil) Lubrication Speed	7 300 r/min
Calculation factor (e)	0,33

Calculation factor (Y0)	0,99
d1	51 mm
e	0.33
Y2	1.8
Y0	0.99
Mass	0.6 kg
Dynamic load, C	84.5 kN
Rating life coefficient, A2	1.4
Static load, C0	98 kN
Fatigue limit load, Cu	12 kN
Nlim (oil)	7,300 rpm
Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.04 Hz
Characteristic outer ring frequency, BPF0	5.69 Hz
Characteristic inner ring frequency, BRFI	8.31 Hz
ra max	0.8 mm
r1a max	3.3 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.603
Product Group	B04334