



**Bearing No. 4T-529/522**

e	0.29
a	12,9 mm
d	50,8 mm
D	101,6 mm
T	34,925 mm
B	36,068 mm
C	26,988 mm
Y0	1.16
Db	95 mm
da	59 mm
Y2	2.1
d1	73.4 mm
Da	89 mm
db	58 mm
Mass	1.24 kg
Weight	1,24 Kg
ra max	0.8 mm
ra max.	0,8 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Category	Bearings
Inventory	0.0
Size (mm)	50.8x101.6x34.925
Width (mm)	34,925
Nlim (oil)	5,000 rpm
Nlim (grease)	3,800 rpm
Product Group	B04334
Bearing number	4T-529/522
Dynamic load, C	135 kN
Static load, C0	165 kN

Weight / Kilogram	1.262
Manufacturer Name	NTN
Bore Diameter (mm)	50,8
Outer Diameter (mm)	101,6
Minimum Buy Quantity	N/A
Calculation factor (e)	0,29
Fatigue limit load, Cu	20.1 kN
Calculation factor (Y0)	1,16
(Oil) Lubrication Speed	5 000 r/min
(Grease) Lubrication Speed	3 800 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	165 kN
Basic dynamic load rating (C)	135 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	6.22 Hz
Characteristic inner ring frequency, BPF1	8.78 Hz
Characteristic rolling element frequency, BSF	5.61 Hz