



Bearing No. 4T-539/532X

e	0.3
a	12,3 mm
d	53,975 mm
D	107,95 mm
T	36,512 mm
B	36,957 mm
C	28,575 mm
Y0	1.11
Db	100 mm
da	68 mm
Y2	2.02
d1	77 mm
Da	94 mm
db	61 mm
Mass	1.47 kg
Weight	1,47 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Category	Bearings
Inventory	0.0
Size (mm)	53.975x107.95x36.512
Width (mm)	36,512
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Product Group	B04334
Bearing number	4T-539/532X
Dynamic load, C	141 kN
Static load, C0	177 kN

Weight / Kilogram	1.492
Manufacturer Name	NTN
Bore Diameter (mm)	53,975
Outer Diameter (mm)	107,95
Minimum Buy Quantity	N/A
Calculation factor (e)	0,3
Fatigue limit load, Cu	21.6 kN
Calculation factor (Y0)	1,11
(Oil) Lubrication Speed	4 800 r/min
(Grease) Lubrication Speed	3 600 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	177 kN
Basic dynamic load rating (C)	141 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	6.7 Hz
Characteristic inner ring frequency, BPF1	9.3 Hz
Characteristic rolling element frequency, BSF	5.88 Hz