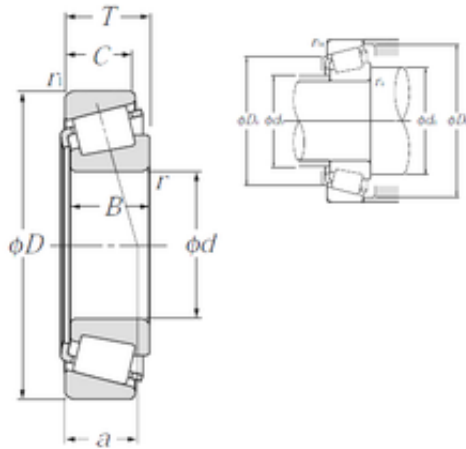




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95,25 mm x 147,638 mm x 36,322 mm NTN 4T-594A/592XE tapered roller bearings

Bearing No. 4T-594A/592XE



4T-594A/592XE Bearing 2D drawings and 3D CAD models

Size	95.25x147.638x35.717 mm
Bore Diameter	95,25 mm
Outer Diameter	147,638 mm
Width	35,717 mm
d	95,25 mm
D	147,638 mm
T	35,717 mm
B	36,322 mm
C	26,192 mm
ra1 max.	0,8 mm
a	2,6 mm
Da	135 mm
db	104 mm
ra max.	5 mm
da	113 mm
Db	142 mm
Weight	2,09 Kg
Basic dynamic load rating (C)	180 kN
Basic static load rating (C0)	279 kN
(Grease) Lubrication Speed	2 300 r/min
(Oil) Lubrication Speed	3 100 r/min
Calculation factor (e)	0,44
Calculation factor (Y0)	0,75
d1	121.2 mm
e	0.44



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Y2	1.36
Y0	0.75
Mass	2.09 kg
Dynamic load, C	180 kN
Rating life coefficient, A2	1.4
Static load, C0	279 kN
Fatigue limit load, Cu	32.1 kN
Nlim (oil)	3,100 rpm
Nlim (grease)	2,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.18 Hz
Characteristic outer ring frequency, BPF0	10.76 Hz
Characteristic inner ring frequency, BRFI	13.24 Hz
ra max	5 mm
r1a max	0.8 mm