



114,3 mm x 177,8 mm x 41,275 mm NTN  
4T-64450/64700 tapered roller bearings

Bearing No. 4T-64450/64700

4T-64450/64700 Bearing 2D drawings and 3D CAD models

Size	114.3x177.8x41.275 mm
Bore Diameter	114,3 mm
Outer Diameter	177,8 mm
Width	41,275 mm
d	114,3 mm
D	177,8 mm
T	41,275 mm
B	41,275 mm
C	30,162 mm
ra1 max.	3,3 mm
a -	1,1 mm
Da	160 mm
db	125 mm
ra max.	3,5 mm
da	131 mm
Db	172 mm
Weight	3,52 Kg
Basic dynamic load rating (C)	232 kN
Basic static load rating (C0)	375 kN
(Grease) Lubrication Speed	1 900 r/min
(Oil) Lubrication Speed	2 600 r/min
Calculation factor (e)	0,52
Calculation factor (Y0)	0,64
d1	147 mm
a	42.38 mm



e	0.52
Y2	1.16
Y0	0.64
Mass	3.52 kg
Dynamic load, C	232 kN
Rating life coefficient, A2	1.4
Static load, C0	375 kN
Fatigue limit load, Cu	40.9 kN
Nlim (oil)	2,600 rpm
Nlim (grease)	1,900 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	9.63 Hz
Characteristic outer ring frequency, BPF0	11.28 Hz
Characteristic inner ring frequency, BRFI	13.72 Hz
ra max	3.5 mm
r1a max	3.3 mm