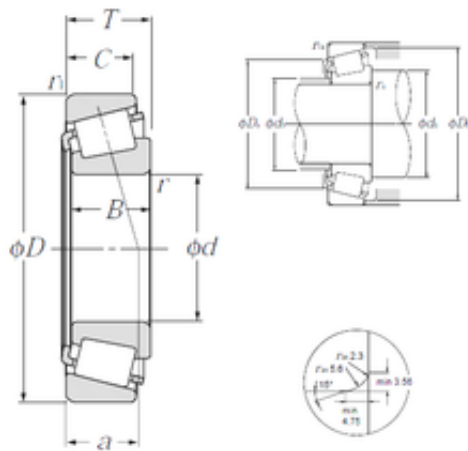




BEARING CORP. LTD.

40,988 mm x 67,975 mm x 18 mm NTN 4T-LM300849/LM300811 tapered roller bearings

Bearing No. 4T-LM300849/LM300811



4T-LM300849/LM300811 Bearing 2D drawings and 3D CAD models

Size	40.988x67.975x17.5 mm
Bore Diameter	40,988 mm
Outer Diameter	67,975 mm
Width	17,5 mm
d	40,988 mm
D	67,975 mm
T	17,5 mm
B	18 mm
C	13,5 mm
ra1 max.	1,5 mm
a	3,6 mm
Da	61 mm
db	45 mm
da	52 mm
Db	65 mm
Weight	0,239 Kg
Basic dynamic load rating (C)	46 kN
Basic static load rating (C0)	62,5 kN
(Grease) Lubrication Speed	5 300 r/min
(Oil) Lubrication Speed	7 000 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,95
d1	54.5 mm
e	0.35
Y2	1.72



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Y0	0.95
Mass	0.24 kg
Dynamic load, C	46 kN
Rating life coefficient, A2	1.4
Static load, C0	62.5 kN
Fatigue limit load, Cu	7.6 kN
Nlim (oil)	7,000 rpm
Nlim (grease)	5,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.65 Hz
Characteristic outer ring frequency, BPF0	10.22 Hz
Characteristic inner ring frequency, BRFI	12.78 Hz
ra max	3.94 mm
r1a max	1.5 mm