



LEDONG Machinery Co., Ltd.

104,775 mm x 180,975 mm x 48,006 mm NTN 4T-782/772 tapered roller bearings



Bearing No. 4T-782/772

4T-782/772 Bearing 2D drawings and 3D CAD models

Size	104.775x180.975x47.625 mm
Bore Diameter	104,775 mm
Outer Diameter	180,975 mm
Width	47,625 mm
d	104,775 mm
D	180,975 mm
T	47,625 mm
B	48,006 mm
C	38,1 mm
ra1 max.	3,3 mm
a	8,1 mm
Da	161 mm
db	116 mm
ra max.	3,5 mm
da	122 mm
Db	168 mm
Weight	4,92 Kg
Basic dynamic load rating (C)	285 kN
Basic static load rating (C0)	430 kN
(Grease) Lubrication Speed	2 000 r/min
(Oil) Lubrication Speed	2 700 r/min
Calculation factor (e)	0,39
Calculation factor (Y0)	0,86
d1	139 mm



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e	0.39
Y2	1.56
Y0	0.86
Mass	4.92 kg
Dynamic load, C	285 kN
Rating life coefficient, A2	1.4
Static load, C0	430 kN
Fatigue limit load, Cu	47.5 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,000 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	7.93 Hz
Characteristic outer ring frequency, BPF0	9.24 Hz
Characteristic inner ring frequency, BPF1	11.76 Hz
ra max	3.5 mm
r1a max	3.3 mm