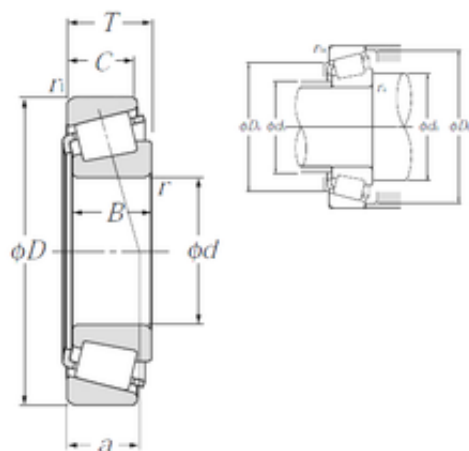




Bearing Rolamentos do Brasil Ltda.

77,788 mm x 161,925 mm x 48,26 mm NTN
4T-756A/752 tapered roller bearings



Bearing No. 4T-756A/752

4T-756A/752 Bearing 2D drawings and 3D CAD models

Size	77.788x161.925x47.625 mm
Bore Diameter	77,788 mm
Outer Diameter	161,925 mm
Width	47,625 mm
d	77,788 mm
D	161,925 mm
T	47,625 mm
B	48,26 mm
C	38,1 mm
ra1 max.	3,3 mm
a	12 mm
Da	144 mm
db	91 mm
ra max.	8 mm
da	106 mm
Db	150 mm
Weight	4,55 Kg
Basic dynamic load rating (C)	270 kN
Basic static load rating (C0)	385 kN
(Grease) Lubrication Speed	2 300 r/min
(Oil) Lubrication Speed	3 100 r/min
Calculation factor (e)	0,34
Calculation factor (Y0)	0,97
d1	120.5 mm
e	0.34



Bearing Rolamentos do Brasil Ltda.

Y2	1.76
Y0	0.97
Mass	4.55 kg
Dynamic load, C	270 kN
Rating life coefficient, A2	1.4
Static load, C0	385 kN
Fatigue limit load, Cu	44.2 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	0.43 Hz
Characteristic rolling element frequency, BSF	6.92 Hz
Characteristic outer ring frequency, BPF0	8.19 Hz
Characteristic inner ring frequency, BRFI	10.81 Hz
ra max	8 mm
r1a max	3.3 mm