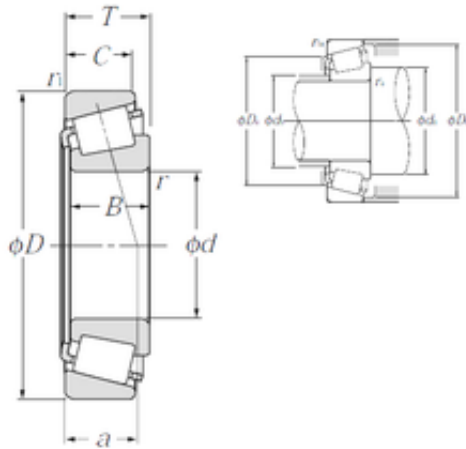




# CAR Bearing manufacturing Co.,Ltd

## NTN 4T-760/752 tapered roller bearings



Bearing No. 4T-760/752

Size	90.488x161.925x47.625 mm
Bore Diameter	90,488 mm
Outer Diameter	161,925 mm
Width	47,625 mm
d	90,488 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	101 mm
ra max.	3,5 mm
da	107 mm
Db	150 mm
Weight	4,01 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
Y2	1.76

4T-760/752 Bearing 2D drawings and 3D CAD models



## CAR Bearing manufacturing Co.,Ltd

Y0	0.97
Mass	4.01 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	3.5 mm
r1a max	3.3 mm