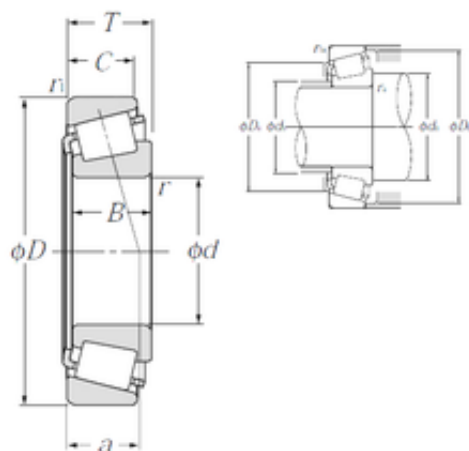




# BEARING MFG. CORP.

82,55 mm x 125,412 mm x 25,4 mm NTN  
4T-27687/27620 tapered roller bearings



Bearing No. 4T-27687/27620

Size	82.55x125.412x25.4 mm
Bore Diameter	82,55 mm
Outer Diameter	125,412 mm
Width	25,4 mm
d	82,55 mm
D	125,412 mm
T	25,4 mm
B	25,4 mm
C	19,845 mm
ra1 max.	1,5 mm
a -	0,6 mm
Da	115 mm
db	89 mm
ra max.	3,5 mm
da	96 mm
Db	120 mm
Weight	1,07 Kg
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	163 kN
(Grease) Lubrication Speed	2 700 r/min
(Oil) Lubrication Speed	3 600 r/min
Calculation factor (e)	0,42
Calculation factor (Y0)	0,79
d1	105 mm
a	26 mm

4T-27687/27620 Bearing 2D drawings and 3D CAD models



## BEARING MFG. CORP.

e	0.42
Y2	1.44
Y0	0.79
Mass	1.07 kg
Dynamic load, C	102 kN
Rating life coefficient, A2	1.4
Static load, C0	163 kN
Fatigue limit load, Cu	19.6 kN
Nlim (oil)	3,600 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.22 Hz
Characteristic outer ring frequency, BPF0	12.35 Hz
Characteristic inner ring frequency, BRFI	14.65 Hz
ra max	3.5 mm
r1a max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.084
Product Group	B04334