



**82,55 mm x 152,4 mm x 41,275 mm NTN  
4T-663/652 tapered roller bearings**



Bearing No. 4T-663/652

4T-663/652 Bearing 2D drawings and 3D CAD models

Size	82.55x152.4x41.275 mm
Bore Diameter	82,55 mm
Outer Diameter	152,4 mm
Width	41,275 mm
d	82,55 mm
D	152,4 mm
T	41,275 mm
B	41,275 mm
C	31,75 mm
ra1 max.	3,3 mm
a	8 mm
Da	134 mm
db	92 mm
ra max.	3,5 mm
da	99 mm
Db	141 mm
Weight	3,15 Kg
Basic dynamic load rating (C)	206 kN
Basic static load rating (C0)	295 kN
(Grease) Lubrication Speed	2 500 r/min
(Oil) Lubrication Speed	3 300 r/min
Calculation factor (e)	0,41
Calculation factor (Y0)	0,81
d1	114.4 mm
e	0.41



Y2	1.47
Y0	0.81
Mass	3.15 kg
Dynamic load, C	206 kN
Rating life coefficient, A2	1.4
Static load, C0	295 kN
Fatigue limit load, Cu	34.5 kN
Nlim (oil)	3,300 rpm
Nlim (grease)	2,500 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	7.53 Hz
Characteristic outer ring frequency, BPF0	8.74 Hz
Characteristic inner ring frequency, BRF0	11.26 Hz
ra max	3.5 mm
r1a max	3.3 mm