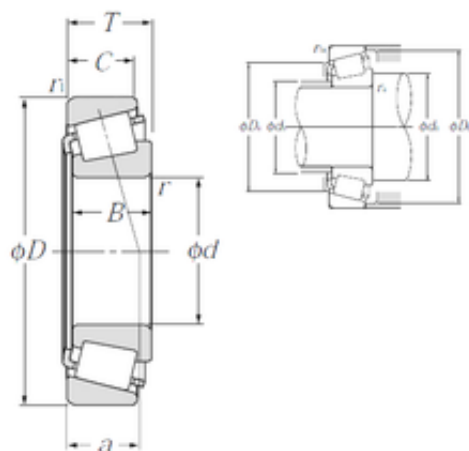




Bearing Rolamentos do Brasil Ltda.



82,55 mm x 146,05 mm x 41,275 mm NTN
4T-663/653 tapered roller bearings

Bearing No. 4T-663/653

4T-663/653 Bearing 2D drawings and 3D CAD models

Size	82.55x146.05x41.275 mm
Bore Diameter	82,55 mm
Outer Diameter	146,05 mm
Width	41,275 mm
d	82,55 mm
D	146,05 mm
T	41,275 mm
B	41,275 mm
C	31,75 mm
ra1 max.	3,3 mm
a	8 mm
Da	131 mm
db	92 mm
ra max.	3,5 mm
da	99 mm
Db	139 mm
Weight	2,78 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



Bearing Rolamentos do Brasil Ltda.

Y2	1.47
Y0	0.81
Mass	2.78 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, BRFI	11.26 Hz
ra max	3.5 mm
r1a max	3.3 mm