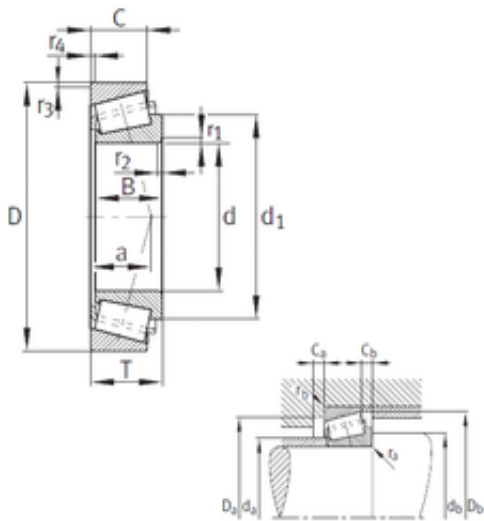




# AMERICAN Timken BEARING MFG.CORP.



82,55 mm x 146,05 mm x 41,275 mm FAG  
K663-653 tapered roller bearings

Bearing No. K663-653

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
a	33 mm
d1	114 mm
r1 min.	3,5 mm
r2 min.	3,5 mm
r3 min.	3,3 mm
r4 min.	3,3 mm
Ca min.	5 mm
Cb min.	8 mm
da max	92 mm
Da min	131 mm
db min	99 mm
Db min.	139 mm
ra max.	3,5 mm
rb max.	3,3 mm
Weight	2,71 Kg
Basic dynamic load rating (C)	211 kN

K663-653 Bearing 2D drawings and 3D CAD models



## AMERICAN Timken BEARING MFG.CORP.

Basic static load rating (C <sub>0</sub> )	305 kN
Fatigue load limit (P <sub>u</sub> )	37
Limiting speed	4 750 r/min
Calculation factor (e)	0,41
Calculation factor (Y)	1,47