



# NTN Bearing Manufacturing



82.575 mm x 146.072 mm x 41.33 mm SKF  
663/653/Q tapered roller bearings

Bearing No. 663/653/Q

663/653/Q Bearing 2D drawings and 3D CAD models

Size	146.072x82.575x41.275 mm
Bore Diameter	146,072 mm
Outer Diameter	82,575 mm
Width	41,275 mm
d	82.575 mm
D	146.072 mm
T	41.275 mm
d <sub>1</sub>	113.52 mm
B	41.33 mm
C	31.8 mm
r <sub>1,2</sub> - min.	3.5 mm
r <sub>3,4</sub> - min.	3.3 mm
a	32 mm
d <sub>a</sub> - max.	96 mm
d <sub>b</sub> - min.	94.5 mm
D <sub>a</sub> - min.	125 mm
D <sub>a</sub> - max.	133 mm
D <sub>b</sub> - min.	138 mm
C <sub>a</sub> - min.	6 mm
C <sub>b</sub> - min.	9 mm
r <sub>a</sub> - max.	3 mm
r <sub>b</sub> - max.	3 mm
Basic dynamic load rating - C	220 kN
Basic static load rating - C <sub>0</sub>	320 kN



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Fatigue load limit - $P_u$	35.5 kN
Reference speed	3200 r/min
Limiting speed	4800 r/min
Calculation factor - e	0.4
Calculation factor - Y	1.5
Calculation factor - $Y_0$	0.8
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334