



BEARING CORP.OF AMERICA

TYPE TS



Timken EE662303 663551CD Tapered roller bearing

Bearing No. EE662303

EE662303 Bearing 2D drawings and 3D CAD models

Series	660000
Cone Part Number	EE662303
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1950000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	505000 lbf
d	23.0000 in
B - Cone Width	5.5000 in
R - Cone Backface To Clear Radius ³	0.310 in
da - Cone Frontface Backing Diameter	24.57 in
db - Cone Backface Backing Diameter	24.92 in
Ab - Cage-Cone Frontface Clearance	0.41 in
Aa - Cage-Cone Backface Clearance	0.71 in
a - Effective Center Location ⁴	0.01 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	290000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	1120000 lbf



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C0 - Static Radial Rating	1710000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	165000 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	8756.7
G2 - Heat Generation Factor (Rib-Roller End)	477.1
Cg - Geometry Factor	0.264