



TYPE TS



Timken EE113091 113171D Tapered roller bearing

Bearing No. EE113091

EE113091 Bearing 2D drawings and 3D CAD models

Series	113000
Cone Part Number	EE113091
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	499000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	129000 lbf
d	8.9945 in
B - Cone Width	3.3750 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	10.51 in
db - Cone Backface Backing Diameter	10.79 in
Ab - Cage-Cone Frontface Clearance	0.48 in
Aa - Cage-Cone Backface Clearance	0.76 in
a - Effective Center Location ⁴	1.63 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	74300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	287000 lbf



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C0 - Static Radial Rating	361000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	112000 lbf
K - Factor ⁸	0.66
G1 - Heat Generation Factor (Roller-Raceway)	966.7
G2 - Heat Generation Factor (Rib-Roller End)	98.1
Cg - Geometry Factor	0.172