



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken EE982003 982901CD Tapered roller bearing

Bearing No. EE982003

EE982003 Bearing 2D drawings and 3D CAD models

Series	980000
Cone Part Number	EE982003
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	778000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	202000 lbf
d	20.0000 in
B - Cone Width	3.2188 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	21.38 in
db - Cone Backface Backing Diameter	21.61 in
Ab - Cage-Cone Frontface Clearance	0.41 in
Aa - Cage-Cone Backface Clearance	0.69 in
a - Effective Center Location ⁴	1.79 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	116000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	447000 lbf



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C0 - Static Radial Rating	772000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	94000 lbf
K - Factor ⁸	1.23
G1 - Heat Generation Factor (Roller-Raceway)	4901.2
G2 - Heat Generation Factor (Rib-Roller End)	606.3
Cg - Geometry Factor	0.243