



BEARING CORP. OF AMERICA

TYPE TS



Timken 39580 39521 Tapered roller bearing

Bearing No. 39580

39580 Bearing 2D drawings and 3D CAD models

Series	39500
Cone Part Number	39580
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	65300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	16900 lbf
d	2.2500 in
B - Cone Width	1.1875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.68 in
db - Cone Backface Backing Diameter	2.91 in
Ab - Cage-Cone Frontface Clearance	0.13 in
Aa - Cage-Cone Backface Clearance	0.05 in
a - Effective Center Location ⁴	-0.26 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	9730 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	37500 lbf
C0 - Static Radial Rating	50300 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5650 lbf
K - Factor ⁸	1.72
G1 - Heat Generation Factor (Roller-Raceway)	84.3
G2 - Heat Generation Factor (Rib-Roller End)	23.7
C _g - Geometry Factor	0.107