



AFEX Bearing Equipment Co., Ltd.

TYPE TS



TIMKEN 39589 39520 Inch Tapered roller bearing 393A 3920 3992 3984 3994 39590 3925 39521 39591 479 472A 472 472X 3994 3926 3926

Bearing No. 39589

39589 Bearing 2D drawings and 3D CAD models

Series	39500
Cone Part Number	39589
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	2.6250 in
B - Cone Width	1.1875 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	2.95 in
db - Cone Backface Backing Diameter	3.07 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



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C0 - Static Radial Rating	50300 lbf
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
Cg - Geometry Factor	0.107