



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken 45289 45221 Tapered roller bearing

Bearing No. 45289

Series	45200
Cone Part Number	45289
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	60000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	15600 lbf
d	2.2500 in
B - Cone Width	1.2188 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	2.6 in
db - Cone Backface Backing Diameter	2.64 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.07 in
a - Effective Center Location ⁴	-0.32 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	8930 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	34500 lbf
C0 - Static Radial Rating	42600 lbf

45289 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5090 lbf
K - Factor ⁸	1.76
C_g - Geometry Factor	0.0971