



BEARING-THAILAND CO.,LTD

TYPE TS



Timken 45291 Bearing

Bearing No. 45291

45291 Bearing 2D drawings and 3D CAD models

Series	45200
Cone Part Number	45291
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	0.25 in
da - Cone Frontface Backing Diameter	2.6 in
db - Cone Backface Backing Diameter	3.07 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



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5090 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	63.5
G2 - Heat Generation Factor (Rib-Roller End)	16.9
Cg - Geometry Factor	0.0971