



TYPE TS



Timken H969249 H969210D Tapered roller bearing

Bearing No. H969249

H969249 Bearing 2D drawings and 3D CAD models

Series	H969200
Cone Part Number	H969249
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1640000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	425000 lbf
d	16.0000 in
B - Cone Width	6.3750 in
R - Cone Backface To Clear Radius ³	0.500 in
da - Cone Frontface Backing Diameter	18.24 in
db - Cone Backface Backing Diameter	20.2 in
Ab - Cage-Cone Frontface Clearance	0.94 in
Aa - Cage-Cone Backface Clearance	1.03 in
a - Effective Center Location ⁴	3.12 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	244000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	941000 lbf



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C0 - Static Radial Rating	1540000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	391000 lbf
K - Factor ⁸	0.62
G1 - Heat Generation Factor (Roller-Raceway)	4610
G2 - Heat Generation Factor (Rib-Roller End)	207
Cg - Geometry Factor	0.294