



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken M241549 M241510CD Tapered roller bearing

Bearing No. M241549

M241549 Bearing 2D drawings and 3D CAD models

Series	M241500
Cone Part Number	M241549
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	235000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	60900 lbf
d	8.0625 in
B - Cone Width	2.2813 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	8.62 in
db - Cone Backface Backing Diameter	8.78 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.16 in
a - Effective Center Location ⁴	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	35000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	135000 lbf



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C0 - Static Radial Rating	263000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	19900 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	954.1
G2 - Heat Generation Factor (Rib-Roller End)	127.9
Cg - Geometry Factor	0.128