



Bearing Electronic Instrument Co., Ltd.

TYPE TS



Timken Sealed Tapered Roller Bearing Taper Roller Bearing Size Chart L44649 L44643 30205 30206 30207 30204

Bearing No. L44649

L44649 Bearing 2D drawings and 3D CAD models

Cone Part Number	L44649
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	13900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	3610 lbf
d	1.0625 in
B - Cone Width	0.5800 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.22 in
db - Cone Backface Backing Diameter	1.48 in
Ab - Cage-Cone Frontface Clearance	0.05 in
Aa - Cage-Cone Backface Clearance	0.02 in
a - Effective Center Location ⁴	-0.13 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2080 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	8010 lbf
C0 - Static Radial Rating	7400 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	1330 lbf
K - Factor ⁸	1.56
G1 - Heat Generation Factor (Roller-Raceway)	8.9
G2 - Heat Generation Factor (Rib-Roller End)	8.93
Cg - Geometry Factor	0.0526