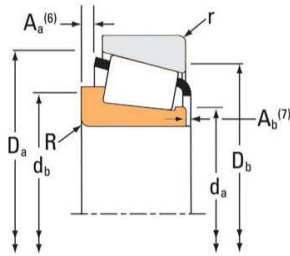
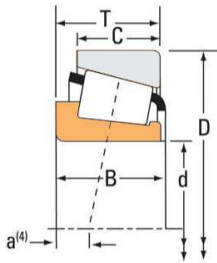




BEARING CORP.OF AMERICA

TYPE TS



Timken LM501349 LM501310 Tapered roller bearing

Bearing No. LM501349

LM501349 Bearing 2D drawings and 3D CAD models

Cone Part Number	LM501349
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	29300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	7590 lbf
d	1.6250 in
B - Cone Width	0.7800 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.89 in
db - Cone Backface Backing Diameter	2.13 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location ⁴	-0.13 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	4360 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	16800 lbf
C0 - Static Radial Rating	16700 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2980 lbf
K - Factor ⁸	1.46
G1 - Heat Generation Factor (Roller-Raceway)	23.3
G2 - Heat Generation Factor (Rib-Roller End)	13.3
Cg - Geometry Factor	0.0739