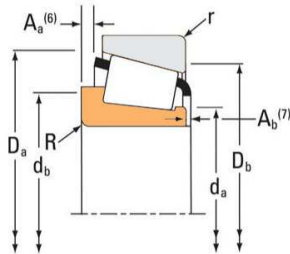




Bearing Rolamentos do Brasil Ltda.

TYPE TS



L724349 Timken Tapered Roller Bearings

Bearing No. L724349

Cone Part Number	L724349
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	56800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	14700 lbf
d	4.7500 in
B - Cone Width	1.0000 in
R - Cone Backface To Clear Radius ³	0.13 in
da - Cone Frontface Backing Diameter	5.04 in
db - Cone Backface Backing Diameter	5.24 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.08 in
a - Effective Center Location ⁴	0.31 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	8450 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	32600 lbf
C0 - Static Radial Rating	52000 lbf
C _{a90} - Dynamic Thrust	6640 lbf

L724349 Bearing 2D drawings and 3D CAD models



Bearing Rolamentos do Brasil Ltda.

Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.27
G1 - Heat Generation Factor (Roller-Raceway)	170
G2 - Heat Generation Factor (Rib-Roller End)	70.6
Cg - Geometry Factor	0.147