



BEARING CORP.OF AMERICA

TYPE TS



Timken JL69349 JL69310 Tapered roller bearing

Bearing No. JL69349

JL69349 Bearing 2D drawings and 3D CAD models

Series	L69300
Cone Part Number	JL69349
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	20000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	5170 lbf
d	38.000 mm
B - Cone Width	17.000 mm
WPD	58.9 mm
DD	52.6 mm
R - Cone Backface To Clear Radius ³	0 mm
da - Cone Frontface Backing Diameter	42.5 mm
db - Cone Backface Backing Diameter	46.5 mm
Ab - Cage-Cone Frontface Clearance	1.8 mm
Aa - Cage-Cone Backface Clearance	0 mm
a - Effective Center Location ⁴	-2.3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	13200 N
C1 - Dynamic Radial Rating	51000 N



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(1 million revolutions) ⁶	
C0 - Static Radial Rating	55000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	9410 N
K - Factor ⁸	1.4
G1 - Heat Generation Factor (Roller-Raceway)	18.4
G2 - Heat Generation Factor (Rib-Roller End)	13.6
Cg - Geometry Factor	0.0692