



BEARING-THAILAND CO.,LTD

TYPE TS



Timken Im503349 Bearing

Bearing No. Im503349

Im503349 Bearing 2D drawings and 3D CAD models

Cone Part Number	LM503349
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	26400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	6840 lbf
d	1.8105 in
B - Cone Width	0.7087 in
R - Cone Backface To Clear Radius ³	0.09 in
da - Cone Frontface Backing Diameter	2.01 in
db - Cone Backface Backing Diameter	2.17 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.02 in
a - Effective Center Location ⁴	-0.08 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	3930 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	15100 lbf
C0 - Static Radial Rating	17000 lbf
C _{a90} - Dynamic Thrust	2700 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.45
G1 - Heat Generation Factor (Roller-Raceway)	28.3
G2 - Heat Generation Factor (Rib-Roller End)	22.5
Cg - Geometry Factor	0.0789