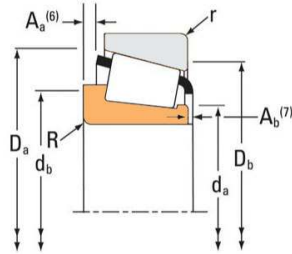




BEARING-THAILAND CO.,LTD

TYPE TS



Timken jm822049 Bearing

Bearing No. jm822049

jm822049 Bearing 2D drawings and 3D CAD models

Series	M822000
Cone Part Number	JM822049
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	88900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	23100 lbf
d	110 mm
B - Cone Width	35.000 mm
WPD	156.7 mm
DD	140.6 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	119 mm
db - Cone Backface Backing Diameter	125 mm
Ab - Cage-Cone Frontface Clearance	2.5 mm
Aa - Cage-Cone Backface Clearance	2.5 mm
a - Effective Center Location ⁴	3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	58900 N
C1 - Dynamic Radial Rating	227000 N



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(1 million revolutions) ⁶	
C0 - Static Radial Rating	356000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	50100 N
K - Factor ⁸	1.18
G1 - Heat Generation Factor (Roller-Raceway)	192
G2 - Heat Generation Factor (Rib-Roller End)	45.8
C _g - Geometry Factor	0.159