



LINK BELT BEARING LTD

TYPE TS



TIMKEN LM545849 FRANCE Bearing 234.95x314.32x49.21

Bearing No. LM545849

LM545849 Bearing 2D drawings and 3D CAD models

Series	LM545800
Cone Part Number	LM545849
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	203000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	52700 lbf
d	9.25 in
B - Cone Width	1.9375 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	9.69 in
db - Cone Backface Backing Diameter	9.92 in
Ab - Cage-Cone Frontface Clearance	0.16 in
Aa - Cage-Cone Backface Clearance	0.14 in
a - Effective Center Location ⁴	0.33 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	30200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	117000 lbf



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C0 - Static Radial Rating	233000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	20600 lbf
K - Factor ⁸	1.47
Cg - Geometry Factor	0.137