



BEARING CORP.OF AMERICA

TYPE TS



Timken JLM104948 JLM104910 Tapered roller bearing

Bearing No. JLM104948

JLM104948 Bearing 2D drawings and 3D CAD models

Series	LM104900
Cone Part Number	JLM104948
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	37700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9770 lbf
d	50.000 mm
B - Cone Width	21.500 mm
WPD	77.3 mm
DD	71 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	55 mm
db - Cone Backface Backing Diameter	61 mm
Ab - Cage-Cone Frontface Clearance	2.8 mm
Aa - Cage-Cone Backface Clearance	0.3 mm
a - Effective Center Location ⁴	-5.3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	25000 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	96300 N
C0 - Static Radial Rating	104000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	13000 N
K - Factor ⁸	1.91
G1 - Heat Generation Factor (Roller-Raceway)	38.8
G2 - Heat Generation Factor (Rib-Roller End)	19.3
Cg - Geometry Factor	0.0801