



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken JLM508748 JLM508710 Tapered roller bearing

Bearing No. JLM508748

JLM508748 Bearing 2D drawings and 3D CAD models

Series	LM508700
Cone Part Number	JLM508748
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	38200 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9900 lbf
d	60.000 mm
B - Cone Width	24.000 mm
WPD	90 mm
DD	81 mm
R - Cone Backface To Clear Radius ³	5.080 mm
da - Cone Frontface Backing Diameter	66 mm
db - Cone Backface Backing Diameter	75 mm
Ab - Cage-Cone Frontface Clearance	2 mm
Aa - Cage-Cone Backface Clearance	1 mm
a - Effective Center Location ⁴	-2.8 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	25300 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	97600 N
C0 - Static Radial Rating	135000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	17400 N
K - Factor ⁸	1.45
G1 - Heat Generation Factor (Roller-Raceway)	54.2
G2 - Heat Generation Factor (Rib-Roller End)	25.3
Cg - Geometry Factor	0.0979