



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken LM742745 LM742710CD Tapered roller bearing

Bearing No. LM742745

LM742745 Bearing 2D drawings and 3D CAD models

Series	LM742700
Cone Part Number	LM742745
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	168000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	43600 lbf
d	8.3750 in
B - Cone Width	1.8125 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	8.86 in
db - Cone Backface Backing Diameter	9.06 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.18 in
a - Effective Center Location ⁴	0.56 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	25000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	96600 lbf



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C0 - Static Radial Rating	200000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	20600 lbf
K - Factor ⁸	1.21
G1 - Heat Generation Factor (Roller-Raceway)	866.9
G2 - Heat Generation Factor (Rib-Roller End)	225.2
Cg - Geometry Factor	0.139