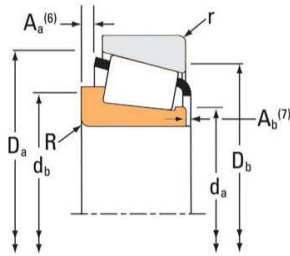
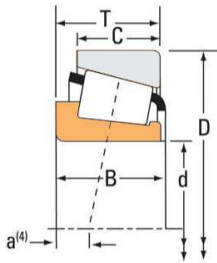




Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken LM451345 LM451310CD Tapered roller bearing

Bearing No. LM451345

LM451345 Bearing 2D drawings and 3D CAD models

Series	LM451300
Cone Part Number	LM451345
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	275000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	71200 lbf
d	10.3750 in
B - Cone Width	2.2500 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	10.98 in
db - Cone Backface Backing Diameter	11.14 in
Ab - Cage-Cone Frontface Clearance	0.18 in
Aa - Cage-Cone Backface Clearance	0.19 in
a - Effective Center Location ⁴	0.2 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	40900 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	158000 lbf



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C0 - Static Radial Rating	339000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	25200 lbf
K - Factor ⁸	1.62
G1 - Heat Generation Factor (Roller-Raceway)	1554.1
G2 - Heat Generation Factor (Rib-Roller End)	212.2
Cg - Geometry Factor	0.154