



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken M238840 M238810CD Tapered roller bearing

Bearing No. M238840

M238840 Bearing 2D drawings and 3D CAD models

Series	M238800
Cone Part Number	M238840
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	199000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	51500 lbf
d	7.0000 in
B - Cone Width	2.1875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	7.64 in
db - Cone Backface Backing Diameter	7.8 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.21 in
a - Effective Center Location ⁴	-0.24 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	29600 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	114000 lbf



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C0 - Static Radial Rating	225000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	16800 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	788
G2 - Heat Generation Factor (Rib-Roller End)	118
Cg - Geometry Factor	0.120