



Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken HM807046 HM807010 Tapered roller bearing

Bearing No. HM807046

HM807046 Bearing 2D drawings and 3D CAD models

Series	HM807000
Cone Part Number	HM807046
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	79600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	20600 lbf
d	2 in
B - Cone Width	1.4375 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.48 in
db - Cone Backface Backing Diameter	2.76 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.12 in
a - Effective Center Location ⁴	-0.29 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	11900 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	45700 lbf



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C0 - Static Radial Rating	50200 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	9890 lbf
K - Factor ⁸	1.2
G1 - Heat Generation Factor (Roller-Raceway)	63.9
G2 - Heat Generation Factor (Rib-Roller End)	17.1
Cg - Geometry Factor	0.0760