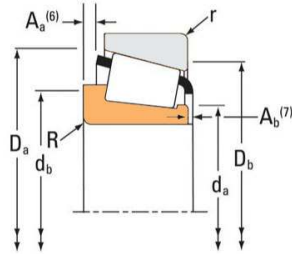




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken M252337 M252310CD Tapered roller bearing

Bearing No. M252337

M252337 Bearing 2D drawings and 3D CAD models

Series	M252300
Cone Part Number	M252337
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	450000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	117000 lbf
d	9.7500 in
B - Cone Width	2.9375 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	10.63 in
db - Cone Backface Backing Diameter	11.02 in
Ab - Cage-Cone Frontface Clearance	0.19 in
Aa - Cage-Cone Backface Clearance	0.29 in
a - Effective Center Location ⁴	-0.26 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	67000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	258000 lbf



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C0 - Static Radial Rating	455000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	38100 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	1839.2
G2 - Heat Generation Factor (Rib-Roller End)	226.1
Cg - Geometry Factor	0.159