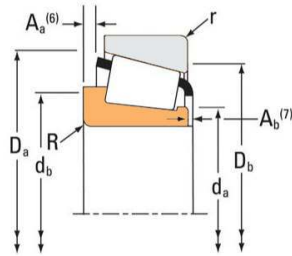




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken LM377449 LM377410CD Tapered roller bearing

Bearing No. LM377449

LM377449 Bearing 2D drawings and 3D CAD models

Series	LM377400
Cone Part Number	LM377449
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1010000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	261000 lbf
d	22.0000 in
B - Cone Width	4.1250 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	23.03 in
db - Cone Backface Backing Diameter	23.39 in
Ab - Cage-Cone Frontface Clearance	0.3 in
Aa - Cage-Cone Backface Clearance	0.27 in
a - Effective Center Location ⁴	0.62 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	150000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	578000 lbf



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C0 - Static Radial Rating	1430000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	88800 lbf
K - Factor ⁸	1.69
G1 - Heat Generation Factor (Roller-Raceway)	9314.8
G2 - Heat Generation Factor (Rib-Roller End)	907.6
Cg - Geometry Factor	0.273