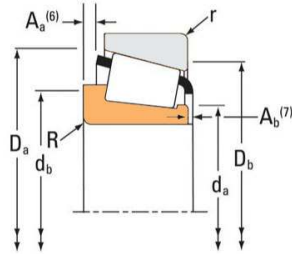




NTN BEARING CORP.OF America LTD.

TYPE TS



Timken 3984 Bearing

Bearing No. 3984

3984 Bearing 2D drawings and 3D CAD models

Series	3900
Cone Part Number	3984
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	54300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	14100 lbf
d	2.6250 in
B - Cone Width	1.1830 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.91 in
db - Cone Backface Backing Diameter	3.15 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.06 in
a - Effective Center Location ⁴	-0.18 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	8090 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	31200 lbf
C0 - Static Radial Rating	43000 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5570 lbf
K - Factor ⁸	1.45
G1 - Heat Generation Factor (Roller-Raceway)	75.2
G2 - Heat Generation Factor (Rib-Roller End)	21.3
C _g - Geometry Factor	0.109