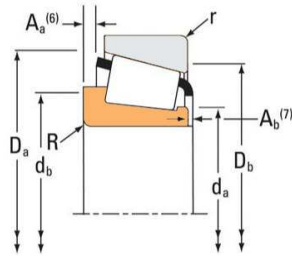




NTN BEARINGS INDUSTRY

TYPE TS



Timken 1985 Bearing

Bearing No. 1985

1985 Bearing 2D drawings and 3D CAD models

Series	1900
Cone Part Number	1985
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	18900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	4910 lbf
d	1.1250 in
B - Cone Width	0.7620 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.32 in
db - Cone Backface Backing Diameter	1.34 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location ⁴	-0.23 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2820 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	10900 lbf
C0 - Static Radial Rating	11300 lbf



NTN BEARINGS INDUSTRY

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	1590 lbf
K - Factor ⁸	1.77
G1 - Heat Generation Factor (Roller-Raceway)	12.5
G2 - Heat Generation Factor (Rib-Roller End)	6.33
Cg - Geometry Factor	0.0565