



SAF BEARING LIMITED

TYPE TS



TIMKEN 1985 bearing

Bearing No. 1985

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

1985 Bearing 2D drawings and 3D CAD models



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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
C _g - Geometry Factor	0.0565