



BEARING Driveshaft USA CORP.

TYPE TS



timken 29685 bearing

Bearing No. 29685

Series	29600
Cone Part Number	29685
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	43300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	11200 lbf
d	2.8750 in
B - Cone Width	1.0000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.15 in
db - Cone Backface Backing Diameter	3.39 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.08 in
a - Effective Center Location ⁴	0.04 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	6440 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	24800 lbf
C0 - Static Radial Rating	37200 lbf

29685 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5370 lbf
K - Factor ⁸	1.2
G1 - Heat Generation Factor (Roller-Raceway)	77.7
G2 - Heat Generation Factor (Rib-Roller End)	43.3
Cg - Geometry Factor	0.117