



BEARING USA CORP.

TYPE TS



Timken 941 932CD Tapered roller bearing

Bearing No. 941

Series	935
Cone Part Number	941
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	224000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	58000 lbf
d	4.0000 in
B - Cone Width	2.6250 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	4.61 in
db - Cone Backface Backing Diameter	5.12 in
Ab - Cage-Conc Frontface Clearance	0.09 in
Aa - Cage-Conc Backface Clearance	0.23 in
a - Effective Center Location ⁴	-0.78 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	33300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	129000 lbf
C0 - Static Radial Rating	177000 lbf

941 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	18600 lbf
K - Factor ⁸	1.79
G1 - Heat Generation Factor (Roller-Raceway)	338.6
G2 - Heat Generation Factor (Rib-Roller End)	39.8
Cg - Geometry Factor	0.115