



TYPE TS



Timken 43131 43319D Tapered roller bearing

Bearing No. 43131

43131 Bearing 2D drawings and 3D CAD models

Series	43000
Cone Part Number	43131
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	36000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9340 lbf
d	1.3125 in
B - Cone Width	0.9478 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.65 in
db - Cone Backface Backing Diameter	2.01 in
Ab - Cage-Cone Frontface Clearance	0.13 in
Aa - Cage-Cone Backface Clearance	0.1 in
a - Effective Center Location ⁴	-0.08 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5360 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	20700 lbf
C0 - Static Radial Rating	17100 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	6130 lbf
K - Factor ⁸	0.87
G1 - Heat Generation Factor (Roller-Raceway)	16.8
G2 - Heat Generation Factor (Rib-Roller End)	7.6
Cg - Geometry Factor	0.0774