



TYPE TS



Timken 3876 3820 Tapered roller bearing

Bearing No. 3876

3876 Bearing 2D drawings and 3D CAD models

Series	3800
Cone Part Number	3876
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	48600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	12600 lbf
d	1.5 in
B - Cone Width	1.1875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.91 in
db - Cone Backface Backing Diameter	2.17 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.04 in
a - Effective Center Location ⁴	-0.32 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	7240 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	27900 lbf
C0 - Static Radial Rating	33200 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	4980 lbf
K - Factor ⁸	1.45
C_g - Geometry Factor	0.0873