



TYPE TS



Timken 3490 3423D Tapered roller bearing

Bearing No. 3490

3490 Bearing 2D drawings and 3D CAD models

Series	3400
Cone Part Number	3490
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	41000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	10600 lbf
d	1.5 in
B - Cone Width	1.1721 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.8 in
db - Cone Backface Backing Diameter	2.05 in
Ab - Cage-Cone Frontface Clearance	0.05 in
Aa - Cage-Cone Backface Clearance	0.04 in
a - Effective Center Location ⁴	-0.34 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	6100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	23500 lbf
C0 - Static Radial Rating	26800 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	3820 lbf
K - Factor ⁸	1.6
G1 - Heat Generation Factor (Roller-Raceway)	29.9
G2 - Heat Generation Factor (Rib-Roller End)	11.2
Cg - Geometry Factor	0.0781