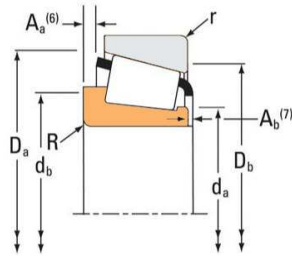




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken EE420801 421451CD Tapered roller bearing

Bearing No. EE420801

EE420801 Bearing 2D drawings and 3D CAD models

Series	420000
Cone Part Number	EE420801
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	457000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	118000 lbf
d	8 in
B - Cone Width	3.4999 in
R - Cone Backface To Clear Radius ³	0.13 in
da - Cone Frontface Backing Diameter	8.94 in
db - Cone Backface Backing Diameter	9.06 in
Ab - Cage-Cone Frontface Clearance	0.14 in
Aa - Cage-Cone Backface Clearance	0.72 in
a - Effective Center Location ⁴	-0.61 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	68100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	263000 lbf



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C0 - Static Radial Rating	409000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	46800 lbf
K - Factor ⁸	1.45
G1 - Heat Generation Factor (Roller-Raceway)	1150
G2 - Heat Generation Factor (Rib-Roller End)	128
Cg - Geometry Factor	0.145