



Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken EE430888 431576CD Tapered roller bearing

Bearing No. EE430888

EE430888 Bearing 2D drawings and 3D CAD models

Series	430000
Cone Part Number	EE430888
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	440000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	114000 lbf
d	8.875 in
B - Cone Width	3.4375 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	9.88 in
db - Cone Backface Backing Diameter	9.88 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.55 in
a - Effective Center Location ⁴	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	65500 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	253000 lbf



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C0 - Static Radial Rating	432000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	49300 lbf
K - Factor ⁸	1.33
G1 - Heat Generation Factor (Roller-Raceway)	1350
G2 - Heat Generation Factor (Rib-Roller End)	143
Cg - Geometry Factor	0.157