



Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken EE655270 655346CD Tapered roller bearing

Bearing No. EE655270

EE655270 Bearing 2D drawings and 3D CAD models

Series	655000
Cone Part Number	EE655270
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1080000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	279000 lbf
d	27.0000 in
B - Cone Width	3.6250 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	28.11 in
db - Cone Backface Backing Diameter	28.46 in
Ab - Cage-Cone Frontface Clearance	0.35 in
Aa - Cage-Cone Backface Clearance	0.32 in
a - Effective Center Location ⁴	2.13 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	160000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	619000 lbf



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C0 - Static Radial Rating	1420000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	114000 lbf
K - Factor ⁸	1.4
G1 - Heat Generation Factor (Roller-Raceway)	11800
G2 - Heat Generation Factor (Rib-Roller End)	1202.6
Cg - Geometry Factor	0.312