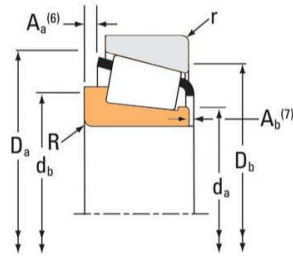




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 95525 95927CD Tapered roller bearing

Bearing No. 95525

Series	95000
Cone Part Number	95525
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	246000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	63800 lbf
d	5.2500 in
B - Cone Width	2.5 in
R - Cone Backface To Clear Radius ³	0.380 in
da - Cone Frontface Backing Diameter	5.83 in
db - Cone Backface Backing Diameter	6.54 in
Ab - Cage-Cone Frontface Clearance	0.19 in
Aa - Cage-Cone Backface Clearance	0.22 in
a - Effective Center Location ⁴	-0.55 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	36700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	141000 lbf
C0 - Static Radial Rating	209000 lbf

95525 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	23200 lbf
K - Factor ⁸	1.58
G1 - Heat Generation Factor (Roller-Raceway)	453.9
G2 - Heat Generation Factor (Rib-Roller End)	59.4
C _g - Geometry Factor	0.132