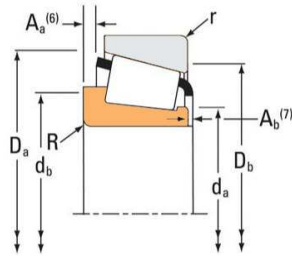




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 82562 82951CD Tapered roller bearing

Bearing No. 82562

Series	82000
Cone Part Number	82562
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	202000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	52300 lbf
d	5.625 in
B - Cone Width	2.2300 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.18 in
db - Cone Backface Backing Diameter	6.42 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.15 in
a - Effective Center Location ⁴	-0.14 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	30000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	116000 lbf
C0 - Static Radial Rating	182000 lbf

82562 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	22700 lbf
K - Factor ⁸	1.32
G1 - Heat Generation Factor (Roller-Raceway)	460.5
G2 - Heat Generation Factor (Rib-Roller End)	81.1
C _g - Geometry Factor	0.141