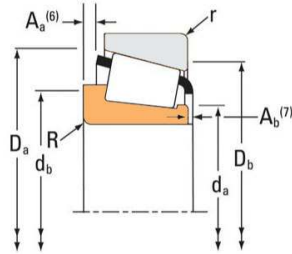
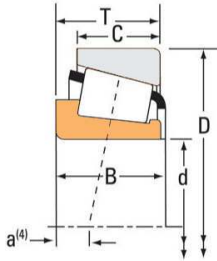




# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken 543086 543115D Tapered roller bearing

Bearing No. 543086

Series	543000
Cone Part Number	543086
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	93600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	24300 lbf
d	8.6602 in
B - Cone Width	1.2500 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	9.02 in
db - Cone Backface Backing Diameter	9.25 in
Ab - Cage-Cone Frontface Clearance	0.14 in
Aa - Cage-Cone Backface Clearance	0.14 in
a - Effective Center Location <sup>4</sup>	0.51 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	13900 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	53800 lbf
C0 - Static Radial Rating	102000 lbf

543086 Bearing 2D drawings and 3D CAD models



## Shanghai Shengjie Bearing Co., Ltd.

C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	9190 lbf
K - Factor <sup>8</sup>	1.52
G1 - Heat Generation Factor (Roller-Raceway)	608.5
G2 - Heat Generation Factor (Rib-Roller End)	232.3
C <sub>g</sub> - Geometry Factor	0.113