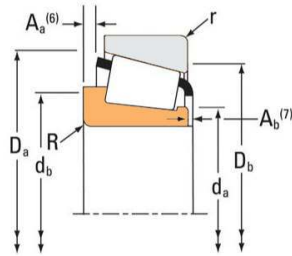
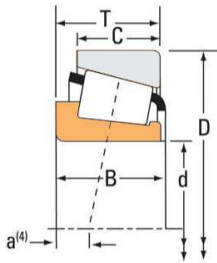




Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken 82587 82951CD Tapered roller bearing

Bearing No. 82587

Series	82000
Cone Part Number	82587
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	5.8750 in
B - Cone Width	2.2300 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.38 in
db - Cone Backface Backing Diameter	6.65 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

82587 Bearing 2D drawings and 3D CAD models



Liaocheng City Hsn 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
Cg - Geometry Factor	0.141