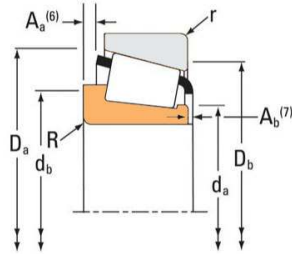




Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken 81630 81963CD Tapered roller bearing

Bearing No. 81630

Series	81000
Cone Part Number	81630
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	157000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	40800 lbf
d	6.2973 in
B - Cone Width	1.8437 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.73 in
db - Cone Backface Backing Diameter	6.93 in
Ab - Cage-Cone Frontface Clearance	0.15 in
Aa - Cage-Cone Backface Clearance	0.31 in
a - Effective Center Location ⁴	-0.21 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	23400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	90300 lbf
C0 - Static Radial Rating	134000 lbf

81630 Bearing 2D drawings and 3D CAD models



Liaocheng City Hsn Bearing Co., Ltd.

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	14100 lbf
K - Factor ⁸	1.66
G1 - Heat Generation Factor (Roller-Raceway)	413
G2 - Heat Generation Factor (Rib-Roller End)	98.4
Cg - Geometry Factor	0.125