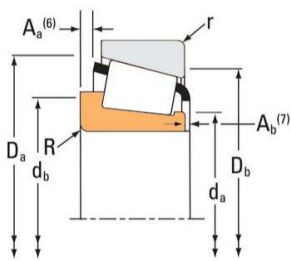
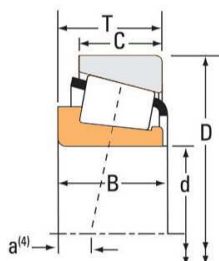




AMERICAN BEARING MFG.CORP.

TYPE TS



TIMKEN HM231132 Tapered Roller Bearings

Bearing No. HM231132

Series	HM231100
Cone Part Number	HM231132
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	234000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	60600 lbf
d	5.5000 in
B - Cone Width	2.2300 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.14 in
db - Cone Backface Backing Diameter	6.3 in
Ab - Cage-Cone Frontface Clearance	0.19 in
Aa - Cage-Cone Backface Clearance	0.14 in
a - Effective Center Location ⁴	-0.45 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	34800 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	134000 lbf
C0 - Static Radial Rating	210000 lbf

HM231132 Bearing 2D drawings and 3D CAD models



AMERICAN BEARING MFG.CORP.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	19000 lbf
K - Factor ⁸	1.83
G1 - Heat Generation Factor (Roller-Raceway)	533
G2 - Heat Generation Factor (Rib-Roller End)	85.9
C _g - Geometry Factor	0.133