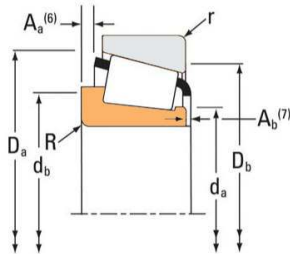
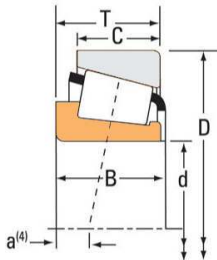




BEARING CORP.OF AMERICA

TYPE TS



Timken EE234156 234213CD Tapered roller bearing

Bearing No. EE234156

EE234156 Bearing 2D drawings and 3D CAD models

Series	234000
Cone Part Number	EE234156
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	425000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	110000 lbf
d	15.6250 in
B - Cone Width	2.4063 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	16.46 in
db - Cone Backface Backing Diameter	16.85 in
Ab - Cage-Cone Frontface Clearance	0.31 in
Aa - Cage-Cone Backface Clearance	0.5 in
a - Effective Center Location ⁴	1.4 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	63300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	244000 lbf



BEARING CORP.OF AMERICA

C0 - Static Radial Rating	451000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	51600 lbf
K - Factor ⁸	1.23
G1 - Heat Generation Factor (Roller-Raceway)	2782.9
G2 - Heat Generation Factor (Rib-Roller End)	448.6
Cg - Geometry Factor	0.202