



TYPE TS



Timken HH224335 HH224310CD Tapered roller bearing

Bearing No. HH224335

HH224335 Bearing 2D drawings and 3D CAD models

Series	HH224300
Cone Part Number	HH224335
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	266000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	69000 lbf
d	4.0000 in
B - Cone Width	2.6250 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	4.76 in
db - Cone Backface Backing Diameter	5.2 in
Ab - Cage-Cone Frontface Clearance	0.15 in
Aa - Cage-Cone Backface Clearance	0.16 in
a - Effective Center Location ⁴	-0.74 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	39600 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	153000 lbf



Shandong Xiangyue bearing Trading Co....

C0 - Static Radial Rating	204000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	22100 lbf
K - Factor ⁸	1.79
G1 - Heat Generation Factor (Roller-Raceway)	367
G2 - Heat Generation Factor (Rib-Roller End)	43.4
Cg - Geometry Factor	0.118