



BEARING CORP.OF AMERICA

TYPE TS



Timken X32044XM NP099132 Tapered roller bearing

Bearing No. X32044XM

X32044XM Bearing 2D drawings and 3D CAD models

Series	32044XM
Cone Part Number	X32044XM
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	389000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	101000 lbf
d	220 mm
B - Cone Width	76 mm
WPD	324.1 mm
DD	293.4 mm
R - Cone Backface To Clear Radius ³	4.060 mm
da - Cone Frontface Backing Diameter	241 mm
db - Cone Backface Backing Diameter	248 mm
Ab - Cage-Conc Frontface Clearance	5.3 mm
Aa - Cage-Conc Backface Clearance	9.1 mm
a - Effective Center Location ⁴	-3.3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	258000 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	994000 N
C0 - Static Radial Rating	1800000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	190000 N
K - Factor ⁸	1.36
G1 - Heat Generation Factor (Roller-Raceway)	1207.8
G2 - Heat Generation Factor (Rib-Roller End)	127.4
Cg - Geometry Factor	0.151