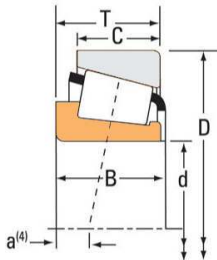




BEARING USA CORP.

TYPE TS



3308-BD-2Z-TVH Double Row Angular Contact Ball Bearing 40x90x36.5mm

Bearing No. JM736149

JM736149 Bearing 2D drawings and 3D CAD models

Series	M736100
Cone Part Number	JM736149
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	160000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	41500 lbf
d	180 mm
B - Cone Width	45 mm
WPD	241.6 mm
DD	219.8 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	190.5 mm
db - Cone Backface Backing Diameter	196 mm
Ab - Cage-Cone Frontface Clearance	4.8 mm
Aa - Cage-Cone Backface Clearance	2.8 mm
a - Effective Center Location ⁴	8.9 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	106000 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	409000 N
C0 - Static Radial Rating	786000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	87200 N
K - Factor ⁸	1.22
G1 - Heat Generation Factor (Roller-Raceway)	589.4
G2 - Heat Generation Factor (Rib-Roller End)	128
Cg - Geometry Factor	0.123