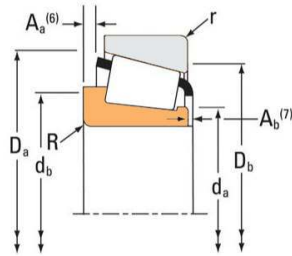




Bearing Rolamentos do Brasil Ltda.

TYPE TS



JM736149 Timken Tapered Roller Bearings

Bearing No. JM736149

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
C1 - Dynamic Radial Rating	409000 N

JM736149 Bearing 2D drawings and 3D CAD models



Bearing Rolamentos do Brasil Ltda.

(1 million revolutions) ⁶	
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