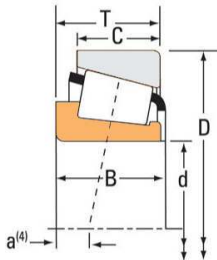




# Bearing Rolamentos do Brasil Ltda.

## TYPE TS



## JM734449 Timken Tapered Roller Bearings

Bearing No. JM734449

JM734449 Bearing 2D drawings and 3D CAD models

Series	M734400
Cone Part Number	JM734449
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	157000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	40700 lbf
d	170 mm
B - Cone Width	44.500 mm
WPD	230.6 mm
DD	210.8 mm
R - Cone Backface To Clear Radius <sup>3</sup>	3.050 mm
da - Cone Frontface Backing Diameter	180 mm
db - Cone Backface Backing Diameter	185 mm
Ab - Cage-Cone Frontface Clearance	4.8 mm
Aa - Cage-Cone Backface Clearance	2 mm
a - Effective Center Location <sup>4</sup>	5.1 mm
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	104000 N
C1 - Dynamic Radial Rating	401000 N



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(1 million revolutions) <sup>6</sup>	
C0 - Static Radial Rating	759000 N
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	77900 N
K - Factor <sup>8</sup>	1.34
G1 - Heat Generation Factor (Roller-Raceway)	548.5
G2 - Heat Generation Factor (Rib-Roller End)	117.5
Cg - Geometry Factor	0.116