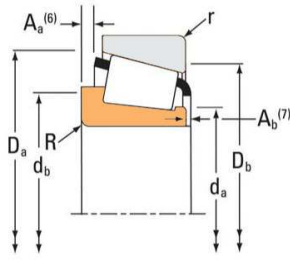
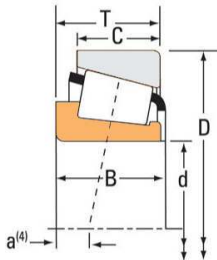




NTN BEARINGS INDUSTRY

TYPE TS



Timken jm207049a Bearing

Bearing No. jm207049a

jm207049a Bearing 2D drawings and 3D CAD models

Series	M207000
Cone Part Number	JM207049A
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	51100 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	13200 lbf
d	55.000 mm
B - Cone Width	29.000 mm
WPD	89.7 mm
DD	80.1 mm
R - Cone Backface To Clear Radius ³	6.100 mm
da - Cone Frontface Backing Diameter	62 mm
db - Cone Backface Backing Diameter	73 mm
Ab - Cage-Cone Frontface Clearance	3 mm
Aa - Cage-Cone Backface Clearance	0.8 mm
a - Effective Center Location ⁴	-7.6 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	33800 N
C1 - Dynamic Radial Rating	131000 N



NTN BEARINGS INDUSTRY

(1 million revolutions) ⁶	
C0 - Static Radial Rating	168000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	19400 N
K - Factor ⁸	1.74
G1 - Heat Generation Factor (Roller-Raceway)	56.4
G2 - Heat Generation Factor (Rib-Roller End)	19.9
C _g - Geometry Factor	0.0937