



# BEARING CORP.OF AMERICA

## TYPE TS



## Timken LM281849 LM281810CD Tapered roller bearing

Bearing No. LM281849

LM281849 Bearing 2D drawings and 3D CAD models

Series	LM281800
Cone Part Number	LM281849
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	1960000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	509000 lbf
d	26.7500 in
B - Cone Width	5.6250 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.380 in
da - Cone Frontface Backing Diameter	28.11 in
db - Cone Backface Backing Diameter	28.58 in
Ab - Cage-Cone Frontface Clearance	0.36 in
Aa - Cage-Cone Backface Clearance	0.42 in
a - Effective Center Location <sup>4</sup>	0.27 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	292000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	1130000 lbf



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C0 - Static Radial Rating	2480000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	166000 lbf
K - Factor <sup>8</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway)	16300
G2 - Heat Generation Factor (Rib-Roller End)	961
Cg - Geometry Factor	0.325