



TYPE TS



Timken L521949 L521910D Tapered roller bearing

Bearing No. L521949

L521949 Bearing 2D drawings and 3D CAD models

Series	L521900
Cone Part Number	L521949
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	34800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	9020 lbf
d	4.25 in
B - Cone Width	0.8438 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da - Cone Frontface Backing Diameter	4.49 in
db - Cone Backface Backing Diameter	4.57 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	5180 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	20000 lbf



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C0 - Static Radial Rating	39400 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3480 lbf
K - Factor <sup>8</sup>	1.49
G1 - Heat Generation Factor (Roller-Raceway)	152
G2 - Heat Generation Factor (Rib-Roller End)	108
Cg - Geometry Factor	0.135