

# NACHI L225849/L225818 tapered roller bearings

What is LM48500 Series NACHI L225849/L225818 tapered roller bearings in mechanical engineering? Manufacturing Service . Upload your LM48510 Cup Part Number CAD file for an instant. LM48549X Cone Part Number

Series	LM48500
Cone Part Number	LM48549X
Cup Part Number	LM48510
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	34.925 mm
D	65.088 mm
B – Cone Width	18.288 mm
C – Cup Width	13.970 mm
B	18.034 mm
R – Cone Backface To Clear Radius <sup>1</sup>	2.290 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.27 mm
da – Cone Frontface Backing Diameter	39.88 mm
db – Cone Backface Backing Diameter	43.43 mm
Da – Cup Frontface Backing Diameter	61.00 mm
Db – Cup Backface Backing Diameter	57.91 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	0.3 mm
a – Effective Center Location <sup>3</sup>	-3.6 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3760 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	14500 lbf
C0 – Static Radial Rating	14200 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2430 lbf
K – Factor <sup>7</sup>	1.55
e – ISO Factor <sup>8</sup>	0.38
Y – ISO Factor <sup>9</sup>	1.59
G1 – Heat Generation Factor (Roller-Raceway)	18
G2 – Heat Generation Factor (Rib-Roller End)	10.6
Cg – Geometry Factor	0.0666