

# ISB 23964 K spherical roller bearings

Enjoy High Margins on Competitive Pricing.Great LM48514 Cup Part Number Wholesale LM48549X Cone Part Number Products at LM48500 Series Low Costs.

Series	LM48500
Cone Part Number	LM48549X
Cup Part Number	LM48514
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	34.925 mm
D	68.263 mm
B – Cone Width	18.288 mm
C – Cup Width	13.970 mm
B	18.037 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	63.00 mm
Db – Cup Backface Backing Diameter	58.93 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