

# IKO TAFI 7510525 needle roller bearings

IKO TAFI 7510525 needle roller bearings Product Brochures , Manufacturing 99000 Series Service . Get 99098X Cup Part Number Your 99500 Cone Part Number Free.

Series	99000
Cone Part Number	99500
Cup Part Number	99098X
Design Units	Imperial
Bearing Weight	14.8 Kg
Cage Type	Stamped Steel
d	127 mm
D	250 mm
B – Cone Width	66.675 mm
C – Cup Width	47.625 mm
B	66.675 mm
R – Cone Backface To Clear Radius <sup>1</sup>	6.35 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	149.10 mm
db – Cone Backface Backing Diameter	159 mm
Da – Cup Frontface Backing Diameter	238.30 mm
Db – Cup Backface Backing Diameter	226.06 mm
Ab – Cage-Cone Frontface Clearance	4.8 mm
Aa – Cage-Cone Backface Clearance	8.6 mm
a – Effective Center Location <sup>3</sup>	-12.2 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	38500 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	148000 lbf
C0 – Static Radial Rating	231000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	26800 lbf
K – Factor <sup>7</sup>	1.43
e – ISO Factor <sup>8</sup>	0.41
Y – ISO Factor <sup>9</sup>	1.47
G1 – Heat Generation Factor (Roller-Raceway)	555.5
G2 – Heat Generation Factor (Rib-Roller End)	73.5
Cg – Geometry Factor	0.146