

# KOYO NA49/22 needle roller bearings

Manufacturers of all are represented in our partial list of KL540048 Cone Part Number clients. Contact Gary for a complete KOYO NA49/22 needle roller bearings list of clients and projects.

Cone Part Number	KL540048
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	82500 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	21400 lbf
d	7.874 in
B – Cone Width	1.0938 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da – Cone Frontface Backing Diameter	8.19 in
db – Cone Backface Backing Diameter	8.27 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.08 in
a – Effective Center Location <sup>4</sup>	0.56 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	12300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	47400 lbf
C0 – Static Radial Rating	91800 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	8350 lbf

K – Factor8	1.47
G1 – Heat Generation Factor (Roller-Raceway)	504
G2 – Heat Generation Factor (Rib-Roller End)	226.7
Cg – Geometry Factor	0.137