

# NKE 2205-K-2RS self aligning ball bearings

Various LL225749 Cone Part Number types and sizes to accommodate your NKE 2205-K-2RS self aligning ball bearings requirements.

Cone Part Number	LL225749
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	35300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	9150 lbf
d	5 in
B – Cone Width	0.6875 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da – Cone Frontface Backing Diameter	5.24 in
db – Cone Backface Backing Diameter	5.31 in
Ab – Cage-Cone Frontface Clearance	0.12 in
Aa – Cage-Cone Backface Clearance	0.03 in
a – Effective Center Location <sup>4</sup>	0.24 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	5260 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	20300 lbf
C0 – Static Radial Rating	34400 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2990 lbf
K – Factor <sup>8</sup>	1.76

G1 – Heat Generation Factor (Roller-Raceway)	164
G2 – Heat Generation Factor (Rib-Roller End)	141
Cg – Geometry Factor	0.13