

# NACHI NUP 2312 E cylindrical roller bearings

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Cone Part Number	EE321145
Design Units	Imperial
Cage Type	Pin-Type
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	1160000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	301000 lbf
d	14.5000 in
B – Cone Width	5.5000 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.310 in
da – Cone Frontface Backing Diameter	15.91 in
db – Cone Backface Backing Diameter	16.26 in
Ab – Cage-Cone Frontface Clearance	0.25 in
Aa – Cage-Cone Backface Clearance	0.78 in
a – Effective Center Location <sup>4</sup>	-0.93 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	173000 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	668000 lbf
C0 – Static Radial Rating	1210000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	106000 lbf
K – Factor <sup>8</sup>	1.64

G1 – Heat Generation Factor (Roller-Raceway)	4401.5
G2 – Heat Generation Factor (Rib-Roller End)	304.6
Cg – Geometry Factor	0.217