

# Toyana NJ3196 cylindrical roller bearings

170 Million used Toyana NJ3196 cylindrical roller bearings instantly searchable. Shop 420000 Series our large selection of parts based on brand, price, description, and location. Order the Imperial Design Units with stock ...

Series	420000
Cone Part Number	EE420812X
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	432000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	112000 lbf
d	8.1250 in
B – Cone Width	3.4999 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da – Cone Frontface Backing Diameter	9.02 in
db – Cone Backface Backing Diameter	9.41 in
Ab – Cage-Cone Frontface Clearance	0.14 in
Aa – Cage-Cone Backface Clearance	0.72 in
a – Effective Center Location <sup>4</sup>	-0.61 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	64300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	248000 lbf
C0 – Static Radial Rating	409000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	44200 lbf
K – Factor <sup>8</sup>	1.45
G1 – Heat Generation Factor (Roller-Raceway)	1150.5
G2 – Heat Generation Factor (Rib-Roller End)	128.2
Cg – Geometry Factor	0.145