

# NACHI NJ 2240 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you 335 Series with all your NACHI NJ 2240 cylindrical roller bearings needs – including routine maintenance, major repairs, warranty service, and 332-B Cup Part Number equipment inspections.

Series	335
Cone Part Number	343
Cup Part Number	332-B
Design Units	Imperial
Bearing Weight	1.3 lb
Cage Type	Stamped Steel
d	1.3750 in
D	3.1496 in
D1 – Flange Outer Diameter	3.3330 in
B – Cone Width	0.8820 in
C – Cup Width	0.7018 in
C1 – Cup Flange Width	0.1875 in
T1 – Bearing Width	0.8268 in
T – Bearing Width to Flange	0.3125 in
R – Cone Backface To Clear Radius1	0.14 in
r – Cup Backface To Clear Radius2	0.030 in
da – Cone Frontface Backing Diameter	1.63 in
db – Cone Backface Backing Diameter	1.89 in
Da – Cup Frontface Backing Diameter	3.05 in
Ab – Cage-Cone Frontface Clearance	0.07 in

Aa – Cage-Cone Backface Clearance	0 in
a – Effective Center Location <sup>3</sup>	-0.25 in
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	4640 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	17900 lbf
C <sub>0</sub> – Static Radial Rating	18700 lbf
Ca <sub>90</sub> – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2170 lbf
K – Factor <sup>7</sup>	2.14
e – ISO Factor <sup>8</sup>	0.27
Y – ISO Factor <sup>9</sup>	2.2
G <sub>1</sub> – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	26.5
G <sub>2</sub> – Heat Generation Factor (Rib-Roller End)	13
C <sub>g</sub> – Geometry Factor <sup>11</sup>	0.0676