

# NACHI KH204AE deep groove ball bearings

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Series	365
Cone Part Number	368A
Cup Part Number	363D
Design Units	Imperial
Bearing Weight	2.5 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.07 in
d	2 in
D	3.5433 in
B – Cone Width	0.8750 in
C – Double Cup Width	1.6563 in
T – Bearing Width across Cones	1.9688 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	2.44 in
Da – Cup Frontface Backing Diameter	3.34 in
Aa – Cage-Cone Backface Clearance	0 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	5930 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	39900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	10300 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3250 lbf
K – Factor <sup>7</sup>	1.83
e – ISO Factor <sup>8</sup>	0.32
Y1 – ISO Factor <sup>9</sup>	2.11
Y2 – ISO Factor <sup>10</sup>	3.14
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	33.8
G2 – Heat Generation Factor (Rib-Roller End)	12.7
Cg – Geometry Factor <sup>12</sup>	0.0773