

# INA RCJTY5/8 bearing units

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Series	33000
Cone Part Number	33261
Cup Part Number	33472DC
Design Units	Imperial
Bearing Weight	7.71 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.07 in
d	2.6250 in
D	4.7244 in
B – Cone Width	1.1875 in
C – Double Cup Width	2.6490 in
T – Bearing Width across Cones	3.1460 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.220 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	3.35 in
Da – Cup Frontface Backing Diameter	4.49 in
Aa – Cage-Cone Backface Clearance	0.07 in
C <sub>90</sub> – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	8060 lbf
C <sub>1</sub> – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	54200 lbf
C <sub>90(2)</sub> – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	14000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	6020 lbf
K – Factor <sup>7</sup>	1.34
e – ISO Factor <sup>8</sup>	0.44
Y1 – ISO Factor <sup>9</sup>	1.55
Y2 – ISO Factor <sup>10</sup>	2.31
Cg – Geometry Factor <sup>11</sup>	0.116