

# ZEN S6015-2RS deep groove ball bearings

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Series	L217800
Cone Part Number	L217849
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	36300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	9400 lbf
d	3.5000 in
B – Cone Width	0.8125 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da – Cone Frontface Backing Diameter	3.7 in
db – Cone Backface Backing Diameter	3.82 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.01 in
a – Effective Center Location <sup>4</sup>	0 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	5400 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	20800 lbf
C0 – Static Radial Rating	35200 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3050 lbf
K – Factor <sup>8</sup>	1.77
G1 – Heat Generation Factor (Roller-Raceway)	111.3
G2 – Heat Generation Factor (Rib-Roller End)	74.8
Cg – Geometry Factor	0.115