

# NSK B30-90C3 deep groove ball bearings

NSK B30-90C3 deep groove ball bearings, Units and Housings CAD models , Manufacturing Service . Imperial Design Units Get Your Free. 67900 Series

Series	67900
Cone Part Number	67983
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	197000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	51000 lbf
d	8 in
B – Cone Width	1.8125 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	8.5 in
db – Cone Backface Backing Diameter	8.74 in
Ab – Cage-Cone Frontface Clearance	0.11 in
Aa – Cage-Cone Backface Clearance	0.15 in
a – Effective Center Location <sup>4</sup>	0.63 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	29300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	113000 lbf
C0 – Static Radial Rating	197000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	25500 lbf

K – Factor <sup>8</sup>	1.15
G1 – Heat Generation Factor (Roller-Raceway)	819.5
G2 – Heat Generation Factor (Rib-Roller End)	172
Cg – Geometry Factor	0.139