

NBS SL014918 cylindrical roller bearings

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Series	234000
Cone Part Number	EE234154
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	425000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	110000 lbf
d	15.5 in
B – Cone Width	2.4063 in
R – Cone Backface To Clear Radius ³	0.25 in
da – Cone Frontface Backing Diameter	16.38 in
db – Cone Backface Backing Diameter	16.77 in
Ab – Cage-Cone Frontface Clearance	0.31 in
Aa – Cage-Cone Backface Clearance	0.5 in
a – Effective Center Location ⁴	1.4 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	63300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	244000 lbf
C0 – Static Radial Rating	451000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	51600 lbf
K – Factor ⁸	1.23
G1 – Heat Generation Factor (Roller-Raceway)	2782.9
G2 – Heat Generation Factor (Rib-Roller End)	448.6
Cg – Geometry Factor	0.202