

NKE 24044-MB-W33 spherical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your NKE 24044-MB-W33 spherical roller bearings 435 Series needs – including routine Imperial Design Units maintenance, major repairs, warranty service, and equipment inspections.

Series	435
Cone Part Number	435
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	49700 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	12900 lbf
d	1.7500 in
B – Cone Width	1.1772 in
R – Cone Backface To Clear Radius ³	0.03 in
da – Cone Frontface Backing Diameter	2.01 in
db – Cone Backface Backing Diameter	2.05 in
Ab – Cage-Cone Frontface Clearance	0.05 in
Aa – Cage-Cone Backface Clearance	0.04 in
a – Effective Center Location ⁴	-0.36 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	7400 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	28500 lbf
C0 – Static Radial Rating	32400 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	3600 lbf
K – Factor ⁸	2.05
G1 – Heat Generation Factor (Roller-Raceway)	42.5
G2 – Heat Generation Factor (Rib-Roller End)	11.3
Cg – Geometry Factor	0.0805