

NKE NU324-E-M6 cylindrical roller bearings

Various 17000 Series types and sizes to accommodate your NKE NU324-E-M6 cylindrical roller bearings requirements.

Series	17000
Cone Part Number	17119
Cup Part Number	17244-B
Design Units	Imperial
Bearing Weight	0.7 lb
Cage Type	Stamped Steel
d	1.1875 in
D	2.4409 in
D1 – Flange Outer Diameter	2.5930 in
B – Cone Width	0.6522 in
C – Cup Width	0.5625 in
C1 – Cup Flange Width	0.1400 in
T1 – Bearing Width	0.6300 in
T – Bearing Width to Flange	0.2075 in
R – Cone Backface To Clear Radius ¹	0.06 in
r – Cup Backface To Clear Radius ²	0.06 in
da – Cone Frontface Backing Diameter	1.36 in
db – Cone Backface Backing Diameter	1.46 in
Da – Cup Frontface Backing Diameter	2.34 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	-0.02 in
a – Effective Center Location ³	-0.14 in

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	2520 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	9720 lbf
C0 – Static Radial Rating	9910 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	1650 lbf
K – Factor ⁷	1.53
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.57
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	11.8
G2 – Heat Generation Factor (Rib-Roller End)	7.49
Cg – Geometry Factor ¹¹	0.0579