

NBS NK 37/30 needle roller bearings

Various types and 2581 Cone Part Number sizes to accommodate your NBS NK 37/30 needle roller bearings 2500 Series requirements.

Series	2500
Cone Part Number	2581
Cup Part Number	2523-S
Design Units	Imperial
Bearing Weight	0.4 Kg
Cage Type	Stamped Steel
d	33.338 mm
D	69.850 mm
B – Cone Width	25.357 mm
C – Cup Width	19.050 mm
B	23.813 mm
R – Cone Backface To Clear Radius ¹	0.760 mm
r – Cup Backface To Clear Radius ²	1.52 mm
da – Cone Frontface Backing Diameter	39.12 mm
db – Cone Backface Backing Diameter	39.62 mm
Da – Cup Frontface Backing Diameter	65.00 mm
Db – Cup Backface Backing Diameter	60.96 mm
Ab – Cage-Cone Frontface Clearance	1.5 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location ³	-8.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	4880 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	18800 lbf
C0 – Static Radial Rating	21200 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2280 lbf
K – Factor ⁷	2.14
e – ISO Factor ⁸	0.27
Y – ISO Factor ⁹	2.19
G1 – Heat Generation Factor (Roller-Raceway)	23.6
G2 – Heat Generation Factor (Rib-Roller End)	9.63
Cg – Geometry Factor	0.0656