

NTN NK45/30R needle roller bearings

Manufacturers of all are represented in our partial list of clients. Contact Gary 422 Cone Part Number for a complete NTN NK45/30R needle roller bearings list of clients and projects.

Cone Part Number	422
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	45300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	11700 lbf
d	1.5625 in
B – Cone Width	1.1450 in
R – Cone Backface To Clear Radius ³	0.14 in
da – Cone Frontface Backing Diameter	1.79 in
db – Cone Backface Backing Diameter	2.05 in
Ab – Cage-Cone Frontface Clearance	0.06 in
Aa – Cage-Cone Backface Clearance	0.03 in
a – Effective Center Location ⁴	-0.38 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	6740 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	26000 lbf
C0 – Static Radial Rating	28000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	3040 lbf
K – Factor ⁸	2.22

G1 – Heat Generation Factor (Roller-Raceway)	34.4
G2 – Heat Generation Factor (Rib-Roller End)	9.9
Cg – Geometry Factor	0.0731