ISO K170x180x46 needle roller bearings

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Series	71000
Cone Part Number	71412
Design Units	Imperial
Cage Type	Stamped Steel
C1 — Dynamic Radial Rating (Two-Row, 1 million revolutions)1	142000 lbf
C90(2) — Dynamic Radial Rating (Two-Row, 90 million revolutions)2	36900 lbf
d	4.1250 in
B — Cone Width	1.9375 in
R — Cone Backface To Clear Radius3	0.14 in
da — Cone Frontface Backing Diameter	4.65 in
db — Cone Backface Backing Diameter	4.88 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.18 in
a — Effective Center Location4	-0.26 in
C90 — Dynamic Radial Rating (90 million revolutions)5	21200 lbf
C1 — Dynamic Radial Rating (1 million revolutions)6	81700 lbf
C0 — Static Radial Rating	122000 lbf
Ca90 — Dynamic Thrust Rating (90 million revolutions)7	15100 lbf
K – Factor8	1.4

G1 — Heat Generation Factor (Roller-Raceway)	269.2
G2 — Heat Generation Factor (Rib-Roller End)	49.5
Cg – Geometry Factor	0.116