

NSK FJL-2830L needle roller bearings

Advance NSK FJL-2830L needle roller bearings is your source for quality and accessories. shop online for home delivery 34000 Series or pick up in one of our 10000 .

Series	34000
Cone Part Number	34301
Cup Part Number	34481-B
Design Units	Imperial
Bearing Weight	1.7 lb
Cage Type	Stamped Steel
d	3 in
D	4.8125 in
D1 – Flange Outer Diameter	4.9961 in
B – Cone Width	0.9060 in
C – Cup Width	0.8437 in
C1 – Cup Flange Width	0.1875 in
T1 – Bearing Width	0.9688 in
T – Bearing Width to Flange	0.3126 in
R – Cone Backface To Clear Radius ¹	0.14 in
r – Cup Backface To Clear Radius ²	0.08 in
da – Cone Frontface Backing Diameter	3.27 in
db – Cone Backface Backing Diameter	3.5 in
Da – Cup Frontface Backing Diameter	4.67 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.09 in
a – Effective Center Location ³	0.06 in

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	5960 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	23000 lbf
C0 – Static Radial Rating	30600 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	4600 lbf
K – Factor ⁷	1.3
e – ISO Factor ⁸	0.45
Y – ISO Factor ⁹	1.33
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	69.3
G2 – Heat Generation Factor (Rib-Roller End)	27
Cg – Geometry Factor ¹¹	0.109