

NSK FJTT-4524 needle roller bearings

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Series	HM136900
Cone Part Number	HM136940
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	309000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	80200 lbf
d	6.4995 in
B – Cone Width	2.9375 in
R – Cone Backface To Clear Radius ³	0.06 in
da – Cone Frontface Backing Diameter	7.2 in
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Ab – Cage-Cone Frontface Clearance	0.06 in
Aa – Cage-Cone Backface Clearance	0.07 in
a – Effective Center Location ⁴	-0.72 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	46100 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	178000 lbf
C0 – Static Radial Rating	271000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	20900 lbf

K – Factor8	2.21
Cg – Geometry Factor	0.113