

# NBS NK 24/16 needle roller bearings

NBS NK 24/16 needle roller bearings Needs Analysis , Manufacturing Service Imperial Design Units . 3900 Series Get Your Free.

Series	3900
Cone Part Number	3958
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	54300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	14100 lbf
d	2.2500 in
B – Cone Width	1.4330 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	2.6 in
db – Cone Backface Backing Diameter	2.83 in
Ab – Cage-Cone Frontface Clearance	0.08 in
Aa – Cage-Cone Backface Clearance	0.31 in
a – Effective Center Location <sup>4</sup>	-0.43 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	8090 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	31200 lbf
C0 – Static Radial Rating	43000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	5570 lbf

K – Factor8	1.45
Cg – Geometry Factor	0.109