

# NTN NK80/25R needle roller bearings

Request 8520 Cup Part Number A Quote For Your Special NTN NK80/25R needle roller bearings 8575 Cone Part Number Needs Today! Free 8500 Series Quotes. ISO 9001 certified.

Series	8500
Cone Part Number	8575
Cup Part Number	8520
Design Units	Imperial
Bearing Weight	12.3 Kg
Cage Type	Stamped Steel
d	234.95 mm
D	327.025 mm
B – Cone Width	52.388 mm
C – Cup Width	36.513 mm
B	52.388 mm
R – Cone Backface To Clear Radius <sup>1</sup>	6.35 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	247.90 mm
db – Cone Backface Backing Diameter	259.08 mm
Da – Cup Frontface Backing Diameter	314.96 mm
Db – Cup Backface Backing Diameter	305.05 mm
Ab – Cage-Cone Frontface Clearance	3.3 mm
Aa – Cage-Cone Backface Clearance	6.1 mm
a – Effective Center Location <sup>3</sup>	7.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	32500 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	126000 lbf
C0 – Static Radial Rating	240000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	22700 lbf
K – Factor <sup>7</sup>	1.44
e – ISO Factor <sup>8</sup>	0.41
Y – ISO Factor <sup>9</sup>	1.48
G1 – Heat Generation Factor (Roller-Raceway)	1050
G2 – Heat Generation Factor (Rib-Roller End)	172
Cg – Geometry Factor	0.14