

# NTN PK25X32X15.8 needle roller bearings

NTN PK25X32X15.8 needle roller bearings SEARCH – Whether it's agriculture or 05000 Series construction equipment your working on, Has the you need.

Series	05000
Cone Part Number	05075X
Cup Part Number	05185-S
Design Units	Imperial
Bearing Weight	0.10 Kg
Cage Type	Stamped Steel
d	19.050 mm
D	47.000 mm
B – Cone Width	14.381 mm
C – Cup Width	11.113 mm
B	14.381 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.520 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	23.62 mm
db – Cone Backface Backing Diameter	25.4 mm
Da – Cup Frontface Backing Diameter	42.93 mm
Db – Cup Backface Backing Diameter	40.39 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	-0.3 mm
a – Effective Center Location <sup>3</sup>	-4.1 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	1560 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	6010 lbf
C0 – Static Radial Rating	5720 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	952 lbf
K – Factor <sup>7</sup>	1.64
e – ISO Factor <sup>8</sup>	0.36
Y – ISO Factor <sup>9</sup>	1.68
G1 – Heat Generation Factor (Roller-Raceway)	5.8
G2 – Heat Generation Factor (Rib-Roller End)	5.55
Cg – Geometry Factor	0.0448