

SKF N 1020 KTNHA/HC5SP cylindrical roller bearings

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Series	JP10000
Cone Part Number	JP10049
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	49100 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	12700 lbf
d	100 mm
B – Cone Width	22.500 mm
WPD	138.7 mm
DD	129.4 mm
R – Cone Backface To Clear Radius ³	3.050 mm
da – Cone Frontface Backing Diameter	106 mm
db – Cone Backface Backing Diameter	112 mm
Ab – Cage-Cone Frontface Clearance	3.8 mm
Aa – Cage-Cone Backface Clearance	1.3 mm
a – Effective Center Location ⁴	6.1 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	32500 N
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	125000 N
C0 – Static Radial Rating	172000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	26300 N
K – Factor ⁸	1.24
G1 – Heat Generation Factor (Roller-Raceway)	104
G2 – Heat Generation Factor (Rib-Roller End)	40.9
Cg – Geometry Factor	0.126