

SKF NNCF 5016 CV cylindrical roller bearings

We work closely with our 14000 Series SKF NNCF 5016 CV cylindrical roller bearings manufacturing partners to bring the best value to customers.

Series	14000
Cone Part Number	14118A
Cup Part Number	14276
Design Units	Imperial
Bearing Weight	0.4 Kg
Cage Type	Stamped Steel
d	30 mm
D	69.012 mm
B – Cone Width	19.583 mm
C – Cup Width	15.875 mm
B	19.845 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	1.27 mm
da – Cone Frontface Backing Diameter	37.08 mm
db – Cone Backface Backing Diameter	42.93 mm
Da – Cup Frontface Backing Diameter	63.00 mm
Db – Cup Backface Backing Diameter	59.94 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location ³	-4.3 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	3180 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	12300 lbf
C0 – Static Radial Rating	13900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2080 lbf
K – Factor ⁷	1.53
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.57
G1 – Heat Generation Factor (Roller-Raceway)	18
G2 – Heat Generation Factor (Rib-Roller End)	13.3
Cg – Geometry Factor	0.0668