

KOYO UCT209-26 bearing units

KOYO UCT209-26 bearing units manufacturer and global supplier of reliable ball and roller ... KOYO UCT209-26 bearing units Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted industries. 14000 Series

Series	14000
Cone Part Number	14121
Cup Part Number	14283
Design Units	Imperial
Bearing Weight	0.5 Kg
Cage Type	Stamped Steel
d	30.226 mm
D	72.085 mm
B – Cone Width	25.933 mm
C – Cup Width	18.415 mm
B	28.735 mm
R – Cone Backface To Clear Radius ¹	0.760 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	36.58 mm
db – Cone Backface Backing Diameter	37.08 mm
Da – Cup Frontface Backing Diameter	66.00 mm
Db – Cup Backface Backing Diameter	59.94 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	6.9 mm
a – Effective Center Location ³	-10.7 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