

# KOYO UC309L3 deep groove ball bearings

Advance KOYO UC309L3 deep groove ball bearings is your source for quality and accessories. shop online for home delivery 2300 Series or pick up in one of our 10000 .

Series	2300
Cone Part Number	2381
Cup Part Number	2330
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	23.813 mm
D	56.896 mm
B – Cone Width	24.765 mm
C – Cup Width	20.638 mm
B	23.818 mm
R – Cone Backface To Clear Radius <sup>1</sup>	2.290 mm
r – Cup Backface To Clear Radius <sup>2</sup>	0.76 mm
da – Cone Frontface Backing Diameter	28.45 mm
db – Cone Backface Backing Diameter	32.51 mm
Da – Cup Frontface Backing Diameter	53.10 mm
Db – Cup Backface Backing Diameter	51.05 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	-0.8 mm
a – Effective Center Location <sup>3</sup>	-9.4 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3710 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	14300 lbf
C0 – Static Radial Rating	13900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	1470 lbf
K – Factor <sup>7</sup>	2.52
e – ISO Factor <sup>8</sup>	0.23
Y – ISO Factor <sup>9</sup>	2.59
G1 – Heat Generation Factor (Roller-Raceway)	13.8
G2 – Heat Generation Factor (Rib-Roller End)	5.9
Cg – Geometry Factor	0.0517