

# ISB NU 1010 cylindrical roller bearings

High Quality ISB NU 1010 cylindrical roller bearings. X32309 Cone Part Number Competitive Pricing. Accept Small Order. 32309 Series Easy and Fast Shipping.

Series	32309
Cone Part Number	X32309
Cup Part Number	Y32309
Design Units	METRIC
Bearing Weight	1.4 Kg
Cage Type	Stamped Steel
d	45.000 mm
D	100.000 mm
B – Cone Width	36 mm
C – Cup Width	30.000 mm
B	38.250 mm
R – Cone Backface To Clear Radius <sup>1</sup>	2.030 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	54.10 mm
db – Cone Backface Backing Diameter	56.90 mm
Da – Cup Frontface Backing Diameter	93.00 mm
Db – Cup Backface Backing Diameter	87.12 mm
Ab – Cage-Cone Frontface Clearance	3.6 mm
Aa – Cage-Cone Backface Clearance	4.1 mm
a – Effective Center Location <sup>3</sup>	-1.3 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	39900 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	154000 N
C0 – Static Radial Rating	171000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	23600 N
K – Factor <sup>7</sup>	1.69
e – ISO Factor <sup>8</sup>	0.35
Y – ISO Factor <sup>9</sup>	1.74
G1 – Heat Generation Factor (Roller-Raceway)	47.5
G2 – Heat Generation Factor (Rib-Roller End)	14.2
Cg – Geometry Factor	0.0891