

CYSD NUP2209E cylindrical roller bearings

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Series	M38500
Cone Part Number	M38549H
Cup Part Number	M38511
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	34.925 mm
D	65.987 mm
B – Cone Width	20.638 mm
C – Cup Width	16.670 mm
B	20.640 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	41.40 mm
db – Cone Backface Backing Diameter	48.51 mm
Da – Cup Frontface Backing Diameter	62.00 mm
Db – Cup Backface Backing Diameter	57.91 mm
Ab – Cage-Cone Frontface Clearance	3.3 mm
Aa – Cage-Cone Backface Clearance	-0.3 mm
a – Effective Center Location ³	-5.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	4310 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	16600 lbf
C0 – Static Radial Rating	16400 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2600 lbf
K – Factor ⁷	1.66
e – ISO Factor ⁸	0.35
Y – ISO Factor ⁹	1.7
G1 – Heat Generation Factor (Roller-Raceway)	20.3
G2 – Heat Generation Factor (Rib-Roller End)	12.9
Cg – Geometry Factor	0.068