

# SKF 71934 CD/HCP4AH1 angular contact ball bearings

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 Manufacturers 28315 Cup Part Number , Online 28000 Series  
 Wholesale Suppliers ! 28150 Cone Part Number

Series	28000
Cone Part Number	28150
Cup Part Number	28315
Design Units	Imperial
Bearing Weight	0.5 Kg
Cage Type	Stamped Steel
d	38.1 mm
D	80 mm
B – Cone Width	20.940 mm
C – Cup Width	15.875 mm
B	21.003 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.520 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	43.43 mm
db – Cone Backface Backing Diameter	45.47 mm
Da – Cup Frontface Backing Diameter	73.90 mm
Db – Cup Backface Backing Diameter	69.09 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	1.5 mm
a – Effective Center Location <sup>3</sup>	-4.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	4390 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	16900 lbf
C0 – Static Radial Rating	15500 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3020 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y – ISO Factor <sup>9</sup>	1.49
G1 – Heat Generation Factor (Roller-Raceway)	20.7
G2 – Heat Generation Factor (Rib-Roller End)	12.5
Cg – Geometry Factor	0.0709