

# SKF S7004 CD/P4A angular contact ball bearings

SKF S7004 CD/P4A angular contact ball bearings HH224349 Cone Part Number Needs Analysis , Manufacturing Service HH224300 Series . Get Your Free.

Series	HH224300
Cone Part Number	HH224349
Cup Part Number	HH224310V
Design Units	Imperial
Bearing Weight	9.8 Kg
Cage Type	Stamped Steel
d	114.976 mm
D	212.725 mm
B – Cone Width	66.675 mm
C – Cup Width	53.975 mm
B	66.678 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.110 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	131.06 mm
db – Cone Backface Backing Diameter	144.02 mm
Da – Cup Frontface Backing Diameter	201.70 mm
Db – Cup Backface Backing Diameter	192.02 mm
Ab – Cage-Cone Frontface Clearance	3.8 mm
Aa – Cage-Cone Backface Clearance	4.1 mm
a – Effective Center Location <sup>3</sup>	-18.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	39600 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	153000 lbf
C0 – Static Radial Rating	204000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	22100 lbf
K – Factor <sup>7</sup>	1.79
e – ISO Factor <sup>8</sup>	0.33
Y – ISO Factor <sup>9</sup>	1.84
G1 – Heat Generation Factor (Roller-Raceway)	366.6
G2 – Heat Generation Factor (Rib-Roller End)	47.9
Cg – Geometry Factor	0.118