

# NTN 7030CDB/GNP4 angular contact ball bearings

NTN 7030CDB/GNP4 angular contact ball bearings 30318 Series Engineering Calculator , Manufacturing Service . X30318M Cone Part Number Get Y30318M Cup Part Number Your Free.

Series	30318
Cone Part Number	X30318M
Cup Part Number	Y30318M
Design Units	METRIC
Bearing Weight	5.56 Kg
Cage Type	Stamped Steel
d	90 mm
D	190 mm
B – Cone Width	43 mm
C – Cup Width	36 mm
B	46.5 mm
R – Cone Backface To Clear Radius <sup>1</sup>	4 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3 mm
da – Cone Frontface Backing Diameter	105 mm
db – Cone Backface Backing Diameter	112 mm
Da – Cup Frontface Backing Diameter	176 mm
Db – Cup Backface Backing Diameter	173 mm
Ab – Cage-Cone Frontface Clearance	6.4 mm
Aa – Cage-Cone Backface Clearance	3.8 mm
a – Effective Center Location <sup>3</sup>	-9.4 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	105000 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	406000 N
C0 – Static Radial Rating	429000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	62200 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)	176.8
G2 – Heat Generation Factor (Rib-Roller End)	31.8
Cg – Geometry Factor	0.0882