

# NTN 7930DB/GNP5 angular contact ball bearings

NTN 7930DB/GNP5 angular contact ball bearings 750000 Series  
 Manufacturers EE750558W Cone Part Number , Online Wholesale  
 Suppliers ! Imperial Design Units

Series	750000
Cone Part Number	EE750558W
Design Units	Imperial
Cage Type	Pin-Type
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	303000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	78700 lbf
d	5.5000 in
B – Cone Width	2.4375 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.13 in
da – Cone Frontface Backing Diameter	6.57 in
db – Cone Backface Backing Diameter	6.38 in
Ab – Cage-Cone Frontface Clearance	0.18 in
Aa – Cage-Cone Backface Clearance	0.21 in
a – Effective Center Location <sup>4</sup>	-0.42 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	45200 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	174000 lbf
C0 – Static Radial Rating	196000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	25700 lbf

K – Factor8	1.76
G1 – Heat Generation Factor (Roller-Raceway)	431.4
G2 – Heat Generation Factor (Rib-Roller End)	54.4
Cg – Geometry Factor	0.0974