

# INA BCH912 needle roller bearings

INA BCH912 needle roller bearings Manufacturers LM742700 Series Imperial Design Units , Online Wholesale Suppliers ! LM742749 Cone Part Number

Series	LM742700
Cone Part Number	LM742749
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	168000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	43600 lbf
d	8.5000 in
B – Cone Width	1.8125 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	8.94 in
db – Cone Backface Backing Diameter	9.17 in
Ab – Cage-Cone Frontface Clearance	0.12 in
Aa – Cage-Cone Backface Clearance	0.18 in
a – Effective Center Location <sup>4</sup>	0.56 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	25000 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	96600 lbf
C0 – Static Radial Rating	200000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	20600 lbf

K – Factor8	1.21
G1 – Heat Generation Factor (Roller-Raceway)	867
G2 – Heat Generation Factor (Rib-Roller End)	225
Cg – Geometry Factor	0.139