

# INA SCE1612 needle roller bearings

Request 3400 Series A Quote For Your Special INA SCE1612 needle roller bearings Needs Today! Free Quotes. ISO 9001 certified.

Series	3400
Cone Part Number	3477
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	41000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	10600 lbf
d	1.3125 in
B – Cone Width	1.1721 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	1.67 in
db – Cone Backface Backing Diameter	1.93 in
Ab – Cage-Cone Frontface Clearance	0.05 in
Aa – Cage-Cone Backface Clearance	0.04 in
a – Effective Center Location <sup>4</sup>	-0.34 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	6100 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	23500 lbf
C0 – Static Radial Rating	26800 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3820 lbf

K – Factor8	1.6
G1 – Heat Generation Factor (Roller-Raceway)	29.9
G2 – Heat Generation Factor (Rib-Roller End)	11.2
Cg – Geometry Factor	0.0781