

# Stock Four-Point Contact Slewing Bearing, External Gear

Our highly-skilled and factory-trained service experts have the resources to help you 335 Series with all 342 Cone Part Number your Stock Four-Point Contact Slewing Bearing, External Gear needs – including routine maintenance, Imperial Design Units major repairs, warranty service, and equipment inspections.

Series	335
Cone Part Number	342
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	36900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	9560 lbf
d	1.6250 in
B – Cone Width	0.8820 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	1.81 in
db – Cone Backface Backing Diameter	2.09 in
Ab – Cage-Cone Frontface Clearance	0.07 in
Aa – Cage-Cone Backface Clearance	0 in
a – Effective Center Location <sup>4</sup>	-0.25 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	5490 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	21200 lbf
C0 – Static Radial Rating	18700 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2570 lbf
K – Factor <sup>8</sup>	2.14
G1 – Heat Generation Factor (Roller-Raceway)	26.5
G2 – Heat Generation Factor (Rib-Roller End)	13
Cg – Geometry Factor	0.0676