



BEARING PRECISION AXLE CORP.

TYPE TS



Gates G-Force Drive Belt Polaris Sportsman 335 400 450 500 Scrambler Blazer/Boss

Bearing No. 335

335 Bearing 2D drawings and 3D CAD models

Series	335
Cone Part Number	335
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	36900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9560 lbf
d	1.3750 in
B - Cone Width	0.8820 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.67 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location ⁴	-0.25 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5490 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	21200 lbf



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C0 - Static Radial Rating	18700 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2570 lbf
K - Factor ⁸	2.14
G1 - Heat Generation Factor (Roller-Raceway)	26.5
G2 - Heat Generation Factor (Rib-Roller End)	13
Cg - Geometry Factor	0.0676