



SAFS BEARING SALES COMPANY

TYPE TS



Gates PowerGrip HTD Belt 357 3M 06 - lot of 2

Bearing No. 357

Series	355
Cone Part Number	357
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	38000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9840 lbf
d	1.5748 in
B - Cone Width	0.8540 in
R - Cone Backface To Clear Radius ³	0.09 in
da - Cone Frontface Backing Diameter	1.83 in
db - Cone Backface Backing Diameter	2.01 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location ⁴	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5650 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	21800 lbf
C0 - Static Radial Rating	20000 lbf

357 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2960 lbf
K - Factor ⁸	1.91
G1 - Heat Generation Factor (Roller-Raceway)	30
G2 - Heat Generation Factor (Rib-Roller End)	12.2
Cg - Geometry Factor	0.0732