



# China 6204 Bearing Supplier

## TYPE TS



## Gates PowerGrip HTD 435 3M Timing Belt USA

Bearing No. 435

435 Bearing 2D drawings and 3D CAD models

Series	435
Cone Part Number	435
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	49700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	12900 lbf
d	1.7500 in
B - Cone Width	1.1772 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.03 in
da - Cone Frontface Backing Diameter	2.01 in
db - Cone Backface Backing Diameter	2.05 in
Ab - Cage-Cone Frontface Clearance	0.05 in
Aa - Cage-Cone Backface Clearance	0.04 in
a - Effective Center Location <sup>4</sup>	-0.36 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	7400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	28500 lbf



## China 6204 Bearing Supplier

C0 - Static Radial Rating	32400 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3600 lbf
K - Factor <sup>8</sup>	2.05
G1 - Heat Generation Factor (Roller-Raceway)	42.5
G2 - Heat Generation Factor (Rib-Roller End)	11.3
Cg - Geometry Factor	0.0805