

# Toyana L116149/10 tapered roller bearings

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Series	03000
Cone Part Number	03062
Cup Part Number	03162
Design Units	Imperial
Bearing Weight	0.10 Kg
Cage Type	Stamped Steel
d	15.875 mm
D	41.275 mm
B – Cone Width	14.681 mm
C – Cup Width	11.113 mm
B	14.288 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.270 mm
r – Cup Backface To Clear Radius <sup>2</sup>	2.03 mm
da – Cone Frontface Backing Diameter	20.07 mm
db – Cone Backface Backing Diameter	21.59 mm
Da – Cup Frontface Backing Diameter	38.10 mm
Db – Cup Backface Backing Diameter	34.04 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	-0.3 mm
a – Effective Center Location <sup>3</sup>	-5.1 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	1400 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	5400 lbf
C0 – Static Radial Rating	4780 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	745 lbf
K – Factor <sup>7</sup>	1.88
e – ISO Factor <sup>8</sup>	0.31
Y – ISO Factor <sup>9</sup>	1.93
G1 – Heat Generation Factor (Roller-Raceway)	4.2
G2 – Heat Generation Factor (Rib-Roller End)	4.01
Cg – Geometry Factor	0.0384