

# Toyana K62x70x31ZWTN needle roller bearings

Toyana K62x70x31ZWTN needle roller bearings, 34000 Series Units and Housings CAD models , 34306 Cone Part Number Manufacturing Service 34481-B Cup Part Number . Get Your Free.

Series	34000
Cone Part Number	34306
Cup Part Number	34481-B
Design Units	Imperial
Bearing Weight	1.1 lb
Cage Type	Stamped Steel
d	3.0625 in
D	4.8125 in
D1 – Flange Outer Diameter	4.9961 in
B – Cone Width	0.9060 in
C – Cup Width	0.8437 in
C1 – Cup Flange Width	0.1875 in
T1 – Bearing Width	0.9687 in
T – Bearing Width to Flange	0.3125 in
R – Cone Backface To Clear Radius1	0.14 in
r – Cup Backface To Clear Radius2	0.08 in
da – Cone Frontface Backing Diameter	3.31 in
db – Cone Backface Backing Diameter	3.58 in
Da – Cup Frontface Backing Diameter	4.67 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.09 in
a – Effective Center Location3	0.06 in

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	7060 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	27200 lbf
C0 – Static Radial Rating	30600 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	5450 lbf
K – Factor <sup>7</sup>	1.3
e – ISO Factor <sup>8</sup>	0.45
Y – ISO Factor <sup>9</sup>	1.33
G1 – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	69.3
G2 – Heat Generation Factor (Rib-Roller End)	27
Cg – Geometry Factor <sup>11</sup>	0.109