

# Toyana CX618 wheel bearings

Toyana CX618 wheel bearings Product Brochures , Manufacturing Service . Get Your Free. 3100 Series

Series	3100
Cone Part Number	3190
Cup Part Number	3129
Design Units	Imperial
Bearing Weight	0.70 Kg
Cage Type	Stamped Steel
d	30 mm
D	76.2 mm
B – Cone Width	29.997 mm
C – Cup Width	23.813 mm
B	30.165 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.560 mm
r – Cup Backface To Clear Radius <sup>2</sup>	0.76 mm
da – Cone Frontface Backing Diameter	38.10 mm
db – Cone Backface Backing Diameter	44.45 mm
Da – Cup Frontface Backing Diameter	69.10 mm
Db – Cup Backface Backing Diameter	65.02 mm
Ab – Cage-Cone Frontface Clearance	1.5 mm
Aa – Cage-Cone Backface Clearance	0.8 mm
a – Effective Center Location <sup>3</sup>	-10.2 mm
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	5520 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	21300 lbf
C <sub>0</sub> – Static Radial Rating	22800 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3140 lbf
K – Factor <sup>7</sup>	1.76
e – ISO Factor <sup>8</sup>	0.33
Y – ISO Factor <sup>9</sup>	1.8
G1 – Heat Generation Factor (Roller-Raceway)	23.4
G2 – Heat Generation Factor (Rib-Roller End)	8.8
Cg – Geometry Factor	0.0697