

# Ruville 8110 wheel bearings

LET OUR Ruville 8110 wheel bearings EXPERTS 2800 Series GET YOU 2820 Cup Part Number THE PARTS YOU NEED. 2879 Cone Part Number

Series	2800
Cone Part Number	2879
Cup Part Number	2820
Design Units	Imperial
Bearing Weight	0.5 Kg
Cage Type	Stamped Steel
d	31.750 mm
D	73.025 mm
B – Cone Width	23.813 mm
C – Cup Width	17.463 mm
B	22.225 mm
R – Cone Backface To Clear Radius <sup>1</sup>	0.760 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	38.61 mm
db – Cone Backface Backing Diameter	39.62 mm
Da – Cup Frontface Backing Diameter	68.10 mm
Db – Cup Backface Backing Diameter	62.99 mm
Ab – Cage-Cone Frontface Clearance	1.3 mm
Aa – Cage-Cone Backface Clearance	0 mm
a – Effective Center Location <sup>3</sup>	-5.6 mm
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	4260 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	16400 lbf

C0 – Static Radial Rating	18800 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2690 lbf
K – Factor <sup>7</sup>	1.59
e – ISO Factor <sup>8</sup>	0.37
Y – ISO Factor <sup>9</sup>	1.63
G1 – Heat Generation Factor (Roller-Raceway)	23.1
G2 – Heat Generation Factor (Rib-Roller End)	12.4
Cg – Geometry Factor	0.0718