

# Loyal RB 11012 crossed roller bearing

The online Loyal RB 11012 crossed roller bearing parts store gives you 00050 Cone Part Number immediate access to a selection of more than 1.4 00000 Series million new, 00152 Cup Part Number used, remanufactured.

Series	00000
Cone Part Number	00050
Cup Part Number	00152
Design Units	Imperial
Bearing Weight	0.10 Kg
Cage Type	Stamped Steel
d	12.700 mm
D	38.1 mm
B – Cone Width	14.072 mm
C – Cup Width	13.556 mm
B	13.736 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.520 mm
r – Cup Backface To Clear Radius <sup>2</sup>	0.76 mm
da – Cone Frontface Backing Diameter	16.51 mm
db – Cone Backface Backing Diameter	19.05 mm
Da – Cup Frontface Backing Diameter	35.56 mm
Db – Cup Backface Backing Diameter	33.02 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	-0.8 mm
a – Effective Center Location <sup>3</sup>	-5.1 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	1220 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	4690 lbf
C0 – Static Radial Rating	3840 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	574 lbf
K – Factor <sup>7</sup>	2.12
e – ISO Factor <sup>8</sup>	0.28
Y – ISO Factor <sup>9</sup>	2.18
G1 – Heat Generation Factor (Roller-Raceway)	3.1
G2 – Heat Generation Factor (Rib-Roller End)	2.9
Cg – Geometry Factor	0.033