

# Timken GRA201RRB deep groove ball bearings

Our highly-skilled and 160000 Series factory-trained service experts have the resources to help you with all your Timken GRA201RRB deep groove ball bearings needs – including routine maintenance, major repairs, warranty service, and EE161300 Cone Part Number equipment inspections.

Series	160000
Cone Part Number	EE161300
Cup Part Number	161925
Design Units	Imperial
Bearing Weight	33.10 Kg
Cage Type	Stamped Steel
d	330.200 mm
D	488.950 mm
B – Cone Width	55.563 mm
C – Cup Width	38.100 mm
B	60.325 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.110 mm
r – Cup Backface To Clear Radius <sup>2</sup>	6.35 mm
da – Cone Frontface Backing Diameter	356.11 mm
db – Cone Backface Backing Diameter	367.03 mm
Da – Cup Frontface Backing Diameter	455.90 mm
Db – Cup Backface Backing Diameter	452.88 mm
Ab – Cage-Cone Frontface Clearance	5.6 mm
Aa – Cage-Cone Backface Clearance	13 mm
a – Effective Center Location <sup>3</sup>	33.8 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	36600 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	141000 lbf
C0 – Static Radial Rating	250000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	31400 lbf
K – Factor <sup>7</sup>	1.17
e – ISO Factor <sup>8</sup>	0.5
Y – ISO Factor <sup>9</sup>	1.2
G1 – Heat Generation Factor (Roller-Raceway)	1730.8
G2 – Heat Generation Factor (Rib-Roller End)	299.6
Cg – Geometry Factor	0.174