

# Toyana 7324 B-UX angular contact ball bearings

Toyana 7324 B-UX angular contact ball bearings 33211 Series  
 Manufacturers METRIC Design Units , Online Wholesale  
 Suppliers ! X33211 Cone Part Number

Series	33211
Cone Part Number	X33211
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	75200 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	19500 lbf
d	55.000 mm
B – Cone Width	35.000 mm
WPD	95.1 mm
DD	81.8 mm
R – Cone Backface To Clear Radius <sup>3</sup>	2.030 mm
da – Cone Frontface Backing Diameter	62 mm
db – Cone Backface Backing Diameter	68 mm
Ab – Cage-Cone Frontface Clearance	3.3 mm
Aa – Cage-Cone Backface Clearance	2.3 mm
a – Effective Center Location <sup>4</sup>	-9.7 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	49800 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	192000 N
C0 – Static Radial Rating	202000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	34100 N
K – Factor <sup>8</sup>	1.46
G1 – Heat Generation Factor (Roller-Raceway)	59.3
G2 – Heat Generation Factor (Rib-Roller End)	17.2
Cg – Geometry Factor	0.101