

# AST NJ2311 EM cylindrical roller bearings

AST NJ2311 EM cylindrical roller bearings with easy-to-use parts graphics, 15000 Series giving you the ability to check parts availability, pricing, examine remanufactured options. 15115 Cone Part Number

Series	15000
Cone Part Number	15115
Cup Part Number	15245
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	29.987 mm
D	61.999 mm
B – Cone Width	19.050 mm
C – Cup Width	14.288 mm
B	18.161 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.270 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.27 mm
da – Cone Frontface Backing Diameter	36.58 mm
db – Cone Backface Backing Diameter	38.61 mm
Da – Cup Frontface Backing Diameter	58.42 mm
Db – Cup Backface Backing Diameter	55.12 mm
Ab – Cage-Cone Frontface Clearance	2.5 mm
Aa – Cage-Cone Backface Clearance	-0.3 mm
a – Effective Center Location <sup>3</sup>	-4.8 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3490 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	13500 lbf
C0 – Static Radial Rating	12100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2090 lbf
K – Factor <sup>7</sup>	1.67
e – ISO Factor <sup>8</sup>	0.35
Y – ISO Factor <sup>9</sup>	1.71
G1 – Heat Generation Factor (Roller-Raceway)	14.6
G2 – Heat Generation Factor (Rib-Roller End)	7.58
Cg – Geometry Factor	0.0606