

# ISB NNU 4096 KM/W33 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your ISB NNU 4096 KM/W33 cylindrical roller bearings needs – including routine maintenance, 18700 Series major repairs, warranty service, and equipment inspections.

Series	18700
Cone Part Number	18780
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	21400 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	5550 lbf
d	1.8125 in
B – Cone Width	0.6875 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.09 in
da – Cone Frontface Backing Diameter	2.05 in
db – Cone Backface Backing Diameter	2.2 in
Ab – Cage-Cone Frontface Clearance	0.09 in
Aa – Cage-Cone Backface Clearance	0.02 in
a – Effective Center Location <sup>4</sup>	-0.03 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	3190 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	12300 lbf
C0 – Static Radial Rating	15200 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2210 lbf
K – Factor <sup>8</sup>	1.44
Cg – Geometry Factor	0.0789