

# NACHI 500KBE131 tapered roller bearings

We 13685 Cone Part Number work closely with our 13600 Series NACHI 500KBE131 tapered roller bearings manufacturing Imperial Design Units partners to bring the best value to customers.

Series	13600
Cone Part Number	13685
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	26300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	6820 lbf
d	1.5 in
B – Cone Width	0.7500 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	1.75 in
db – Cone Backface Backing Diameter	2.01 in
Ab – Cage-Cone Frontface Clearance	0.05 in
Aa – Cage-Cone Backface Clearance	0.02 in
a – Effective Center Location <sup>4</sup>	-0.12 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	3920 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	15100 lbf
C0 – Static Radial Rating	15300 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2700 lbf

K – Factor8	1.45
G1 – Heat Generation Factor (Roller-Raceway)	20.7
G2 – Heat Generation Factor (Rib-Roller End)	10.9
Cg – Geometry Factor	0.0713