

NBS SCV 20-UU linear bearings

Manufacturers of all are represented in our partial list of clients. Contact Gary for a 78000C Series complete Imperial Design Units NBS SCV 20-UU linear bearings list of clients and 78248C Cone Part Number projects.

Series	78000C
Cone Part Number	78248C
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	92600 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	24000 lbf
d	2.5000 in
B – Cone Width	1.3085 in
R – Cone Backface To Clear Radius ³	0.03 in
da – Cone Frontface Backing Diameter	3.03 in
db – Cone Backface Backing Diameter	3.62 in
Ab – Cage-Cone Frontface Clearance	0.21 in
Aa – Cage-Cone Backface Clearance	0.22 in
a – Effective Center Location ⁴	0.33 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	13800 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	53200 lbf
C0 – Static Radial Rating	52600 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	20400 lbf
K – Factor ⁸	0.67

G1 – Heat Generation Factor (Roller-Raceway)	71.3
G2 – Heat Generation Factor (Rib-Roller End)	17.6
Cg – Geometry Factor	0.0926