

# ISB SQL 22 C RS plain bearings

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Cone Part Number	HH506348
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	96200 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	24900 lbf
d	1.9375 in
B – Cone Width	1.75 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	2.4 in
db – Cone Backface Backing Diameter	2.8 in
Ab – Cage-Cone Frontface Clearance	0.16 in
Aa – Cage-Cone Backface Clearance	0.08 in
a – Effective Center Location <sup>4</sup>	-0.53 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	14300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	55300 lbf
C0 – Static Radial Rating	65100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	9860 lbf
K – Factor <sup>8</sup>	1.45

G1 – Heat Generation Factor (Roller-Raceway)	72
G2 – Heat Generation Factor (Rib-Roller End)	15.6
Cg – Geometry Factor	0.108