

FBJ 2207K self aligning ball bearings

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Series	HH224300
Cone Part Number	HH224334
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	266000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	69000 lbf
d	3.9360 in
B – Cone Width	2.6250 in
R – Cone Backface To Clear Radius ³	0.14 in
da – Cone Frontface Backing Diameter	4.72 in
db – Cone Backface Backing Diameter	4.88 in
Ab – Cage-Cone Frontface Clearance	0.15 in
Aa – Cage-Cone Backface Clearance	0.16 in
a – Effective Center Location ⁴	-0.74 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	39600 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	153000 lbf
C0 – Static Radial Rating	204000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	22100 lbf

K – Factor8	1.79
G1 – Heat Generation Factor (Roller-Raceway)	367
G2 – Heat Generation Factor (Rib-Roller End)	43.4
Cg – Geometry Factor	0.118