

FYH UCFC204-12 bearing units

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HH221447 Cone Part Number , Imperial Design Units
Manufacturing Service . Get Your Free.

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| Series | HH221400 |
| Cone Part Number | HH221447 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 209000 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 54200 lbf |
| d | 3.9363 in |
| B – Cone Width | 2.2650 in |
| R – Cone Backface To Clear Radius ³ | 0.25 in |
| da – Cone Frontface Backing Diameter | 4.49 in |
| db – Cone Backface Backing Diameter | 4.96 in |
| Ab – Cage-Cone Frontface Clearance | 0.16 in |
| Aa – Cage-Cone Backface Clearance | 0.08 in |
| a – Effective Center Location ⁴ | -0.59 in |
| C90 – Dynamic Radial Rating (90 million revolutions) ⁵ | 31100 lbf |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁶ | 120000 lbf |
| C0 – Static Radial Rating | 156000 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷ | 17800 lbf |
| K – Factor ⁸ | 1.74 |

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| G1 – Heat Generation Factor (Roller-Raceway) | 265.6 |
| G2 – Heat Generation Factor (Rib-Roller End) | 28.4 |
| Cg – Geometry Factor | 0.107 |