

FBJ HM911245/HM911216 tapered roller bearings

FBJ HM911245/HM911216 tapered roller bearings 855 Series Needs Analysis , Manufacturing Service . Get Your Free.

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| Series | 855 |
| Cone Part Number | 866 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 179000 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 46400 lbf |
| d | 3.8750 in |
| B – Cone Width | 2.2650 in |
| R – Cone Backface To Clear Radius ³ | 0.14 in |
| da – Cone Frontface Backing Diameter | 4.37 in |
| db – Cone Backface Backing Diameter | 4.65 in |
| Ab – Cage-Cone Frontface Clearance | 0.06 in |
| Aa – Cage-Cone Backface Clearance | 0.15 in |
| a – Effective Center Location ⁴ | -0.6 in |
| C90 – Dynamic Radial Rating (90 million revolutions) ⁵ | 26700 lbf |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁶ | 103000 lbf |
| C0 – Static Radial Rating | 142000 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷ | 15300 lbf |
| K – Factor ⁸ | 1.74 |

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| G1 – Heat Generation Factor (Roller-Raceway) | 264.1 |
| G2 – Heat Generation Factor (Rib-Roller End) | 44.9 |
| Cg – Geometry Factor | 0.107 |