

NACHI NF 316 cylindrical roller bearings

Welcome to the NACHI NF 316 cylindrical roller bearings online seller. 565 Series

| | |
|---|---------------|
| Series | 565 |
| Cone Part Number | 567-S |
| Cup Part Number | 563D |
| Design Units | Imperial |
| Bearing Weight | 8.57 lb |
| Cage Type | Stamped Steel |
| Ab – Cage-Cone Frontface Clearance | 0.11 in |
| d | 2.8125 in |
| D | 5 in |
| B – Cone Width | 1.4240 in |
| C – Double Cup Width | 2.5625 in |
| T – Bearing Width across Cones | 3.1874 in |
| R – Cone Backface To Clear Radius ¹ | 0.25 in |
| r – Cup Frontface To Clear Radius ² | 0.06 in |
| db – Cone Backface Backing Diameter | 3.62 in |
| Da – Cup Frontface Backing Diameter | 4.72 in |
| Aa – Cage-Cone Backface Clearance | 0.1 in |
| C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) ³ | 11400 lbf |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴ | 76900 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵ | 19900 lbf |

| | |
|--|----------|
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶ | 7130 lbf |
| K – Factor ⁷ | 1.61 |
| e – ISO Factor ⁸ | 0.36 |
| Y1 – ISO Factor ⁹ | 1.86 |
| Y2 – ISO Factor ¹⁰ | 2.76 |
| G1 – Heat Generation Factor (Roller-Raceway) ¹¹ | 101 |
| G2 – Heat Generation Factor (Rib-Roller End) | 24 |
| Cg – Geometry Factor ¹² | 0.117 |