

SIGMA N 2308 cylindrical roller bearings

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| Series | 3700 |
| Cone Part Number | 3778 |
| Cup Part Number | 3729D |
| Design Units | Imperial |
| Bearing Weight | 4.13 lb |
| Cage Type | Stamped Steel |
| Ab – Cone-Cone Frontface Clearance | 0.06 in |
| d | 1.8750 in |
| D | 3.6718 in |
| B – Cone Width | 1.1930 in |
| C – Double Cup Width | 2.0625 in |
| T – Bearing Width across Cones | 2.5625 in |
| R – Cone Backface To Clear Radius1 | 0.25 in |
| r – Cup Frontface To Clear Radius2 | 0.03 in |
| db – Cone Backface Backing Diameter | 2.64 in |
| Da – Cup Frontface Backing Diameter | 3.50 in |
| Aa – Cage-Cone Backface Clearance | 0.06 in |
| C90 – Dynamic Radial Rating (One-Row, 90 million revolutions)3 | 7120 lbf |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)4 | 47800 lbf |

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| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵ | 12400 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶ | 4120 lbf |
| K – Factor ⁷ | 1.73 |
| e – ISO Factor ⁸ | 0.34 |
| Y1 – ISO Factor ⁹ | 1.99 |
| Y2 – ISO Factor ¹⁰ | 2.97 |
| G1 – Heat Generation Factor (Roller-Raceway) ¹¹ | 49.9 |
| G2 – Heat Generation Factor (Rib-Roller End) | 14.5 |
| Cg – Geometry Factor ¹² | 0.0903 |