

Gear Data



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Gear Type: External Spur

Specification: AGMA

| | | | |
|-------------------------------------|--------------------------|----------------------------------|----------------|
| Gear Quality | 10 (Standard) | Runout Tolerance | .0012 |
| Module | 1.5 | Pitch Variation Tolerance | +/- .0004 |
| Number of Teeth | 95 | Profile Tolerance | .0005 |
| Pressure Angle | 20 Degrees (Standard) | Addendum | .0591 |
| Backlash Class | C (Standard) | Dedendum | .0729 |
| | | Circular Pitch | .1855 |
| Enter Your Name Here | W | Chordal Tooth Thickness | .0928 |
| Outside Diameter | 5.728 | Bore Tolerance Band | .0005 |
| Outside Diameter Tolerance | + .000/- .007 | Max Fillet Radius | .014 |
| Pitch Diameter (Reference) | 5.6102 | Max Tip Radius | .010 |
| Tooth To Tooth Error | .0007 | Clearance | .0138 |
| Total Composite Error | .0019 | Root Diameter | 5.4645 |
| Measurement Over Wires (MOW) | 5.7538 | Working Depth | .1181 |
| MOW Tolerances | -.0014/- .0065 | Whole Depth | .1319 |
| Wire Diameter | .1020 | Base Circle Diameter | 5.2719 |
| Test Radius | 2.8051 | Test Radius Tolerances | -.0007/- .0032 |

ALL DIMENSIONS ARE IN inches