

View Online at <https://aerobasegroup.com/nsn/3110-01-356-8991>

**Bore Diameter:**

0.2500 inches

**Overall Outside Diameter:**

0.7500 inches

**Lubrication Material:**

Grease

**Outer Ring Width:**

0.2190 inches

**Inner Ring Width:**

0.2810 inches

**Seal Quantity:**

2

**Bearing Seal Type:**

Contact

**Alignment Type:**

Self-aligning

**Load Direction:**

Radial

**Self-alignment Location:**

Internal

**Standard Tolerance Designation:**

Afbma standard tolerance for airframe ball bearings

**Special Features:**

80 pct. Full of mil-g-23827, axial play 0.025 in. Max, heat treat rings and balls to rockwell c 60 to 66 and stablized for operation at 250 deg.F, 8 degrees self-aligning in either direction

**Lubrication Material Specification:**

Mil-g-23827 military specification single material response

**Material:**

Steel comp e51100 ball or steel comp e52100 ballsteel comp e52100 inner ringsteel comp e52100 outer ringstainless steel retainerplastic polytetrafluoroethylene seal

**Material Specification:**

66 federal standard all material responses ball66 federal standard single material response inner ring66 federal standard single material response outer ringams 3652 assn standard single material response seal or ams 3666 assn standard single material response seal

**Surface Treatment:**

Cadmium exposed surfaces as mounted

**Surface Treatment Specification:**

Qq-p-416, type 1, cl 2 federal specification single treatment response exposed surfaces as mounted

**Style Designator:**

Single row self aligning single row inner ring extended both sides

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A044a0

**Mil-std (military Standard):**

Mil-g-23827 spec.