

View Online at <https://aerobasegroup.com/nsn/3110-00-042-1045>

**Bore Diameter:**

0.2500 inches

**Overall Outside Diameter:**

0.9014 inches

**Lubrication Material:**

Grease

**Outer Ring Width:**

0.4640 inches

**Inner Ring Width:**

0.6870 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-81322, axial play 0.006 in. Max., heat treat rings and balls to rockwell c 60 to 66 and stabilized for operation at 250 deg.F, 10 degrees self-aligning in either direction

**Lubrication Material Specification:**

Mil-g-81322 military specification single material response

**Material:**

Steel comp e51100 or steel comp e52100 ball

**Material Specification:**

Ams 3652 assn standard single material response 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:**

Double row, self aligning

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A044a0

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

Mil-g-81322 spec.