

View Online at <https://aerobasegroup.com/nsn/3010-01-334-3116>

**End Application:**

Antenna pedestal, meteorology

**Design Type:**

Single reduction

**Total Ratio:**

87.000 to 1

**Input Shaft Type:**

Pinion

**Input Shaft Quantity:**

1

**Output Shaft Type:**

Pinion

**Output Shaft Quantity:**

1

**Shaft Position:**

Shaft centrally located

**Features Provided:**

Shipboard usage design

**Special Features:**

Gear type-pinion; straight input shaft diameter 0.500 in.; straight output shaft diameter 2.208 in.; housing matl alum. Or cres steel, matl output shaft cres steel, case is phosphate coated type m-class 2, output pinion has 24 involute crowned teeth w/diametral pitch of 12 and a pitch diameter of 2 in., a root diameter of 1.849, input pinion has a sq. Key size of 0.125 x 0.125 x 1.000 min., the direction of rotation when manually rotated is reversible, the output shaft turns at 29.33 rpm w/input speed of 2552 rpm, operating temp -28/+65 degrees c, life expectancy 1000 hrs min. W/o maintenance

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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