NSN 3010-01-334-3116

Speed Decreaser Gear Assembly - Page 1 of 1



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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:

Demilitarization:
No
Fiig:
A522e0