

Description

MS27644-8 Airframe Ball Bearing

* Manufacturer certifications are shipped with your order FREE of charge[Order this part online](#)**Additional Information****Alternate Part Numbers**[DPP8H](#)

| | |
|-------------------------|---|
| SKU / Model: | MS276448 |
| Minimum Qty (MOQ): | 1 |
| NSN: | 3110-00-042-4589 |
| ECCN: | EAR99 |
| National Motor Freight: | 114820, Bearings / Bushings Noi Ball / Roller |



* See page 2 for technical characteristics

P/N MS27644-8 Specifications

| | |
|--|---|
| Bore Diameter: | 0.5000 Inches Nominal |
| Overall Outside Diameter: | 1.6875 Inches Nominal |
| Lubrication Material: | Grease |
| Outer Ring Width: | 0.8560 Inches Nominal |
| Inner Ring Width: | 0.9320 Inches Nominal |
| Seal Quantity: | 2 |
| Bearing Seal Type: | Contact |
| Load Direction: | Radial |
| Standard Tolerance Designation: | Afbma Std Tolerance For Airframe Ball Bearings |
| Special Features: | Q80 Pct. Full Of Mil-g-81322,axial Play 0.007 In.,heat Treat Rings And Balls To Rockwell C 60 To 66 And Stabilized For Operation At 250 Deg F,radial And Lateral Eccentricity 0.0010 In. Inner Ring,0.0016 In. Outer Ring |
| Lubrication Material Document And Classification: | Mil-g-81322 Mil Spec Single Material Response |
| Material: | Plastic Polytetrafluoroethylene Seal |
| Material: | Steel Comp E52100 Ball Or Steel Comp E51100 Ball |
| Material: | Steel Comp E52100 Inner Ring |
| Material: | Steel Comp E52100 Outer Ring |
| Material: | Steel Corrosion Resisting Retainer |
| Material Document And Classification: | 66 Fed Std All Material Responses Ball |
| Material Document And Classification: | 66 Fed Std Single Material Response Inner Ring |
| Material Document And Classification: | 66 Fed Std Single Material Response Outer Ring |
| Material Document And Classification: | Ams 3652 Assn Std Single Material Response Seal |
| Surface Treatment: | Cadmium Ball |
| Surface Treatment: | Cadmium Inner Ring |
| Surface Treatment: | Cadmium Outer Ring |
| Surface Treatment Document And Classification: | Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Ball |
| Surface Treatment Document And Classification: | Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Inner Ring |

Surface Treatment Document And Classification:

Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Outer Ring

Style Designator:

Double Row

How to Order

Order this airframe ball bearing from our inventory online by visiting <https://military-fasteners.com/bearings/airframe+ball+bearings/MS27644-8> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out [here](#) to complete your order.