

**Description**

heavy duty anti-friction airframe bearing

\* Manufacturer certifications are shipped with your order FREE of charge

Order this part online

**Additional Information****Alternate Part Numbers**

[KP8FS464](#)

|                         |   |
|-------------------------|---|
| SKU / Model:            | MS276408                                      |
| Minimum Qty (MOQ):      | 1   |
| NSN:                    | 3110-00-027-3401                              |
| ECCN:                   | EAR99   |
| National Motor Freight: | 114820, Bearings / Bushings Noi Ball / Roller |



\* See page 2 for technical characteristics

# P/N MS27640-8 Specifications

|   |   |
|---|---|
| Bore Diameter:                                    | 0.5000 Inches Nominal   |
| Overall Outside Diameter:                         | 1.6875 Inches Nominal   |
| Lubrication Material:                             | Grease  |
| Outer Ring Width:                                 | 0.5000 Inches Nominal   |
| Inner Ring Width:                                 | 0.6200 Inches Nominal   |
| Seal Quantity:                                    | 2   |
| Bearing Seal Type:                                | Contact   |
| Load Direction:                                   | Radial  |
| Standard Tolerance Designation:                   | Afbma Std Tolerance For Airframe Ball Bearings  |
| Special Features:                                 | 280 Pct. Full Of Mil-g-81322,internal Radial Clearance 0.000.4- 0.0010 In.,heat Treat Rings And Balls To Rockwell C 60 To 66 And Stabilized For Operation At 250 Deg. F,radial And Lateral Eccentricity Inner Ring 0.0010 In. Outer Ring 0.0016 In. |
| 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  |

|   |  |
|---|--|
| <b>Surface Treatment Document And Classification:</b> | Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Outer Ring |
| <b>Style Designator:</b>                              | Single Row Inner Ring Extended Both Sides                        |

## How to Order

Order this airframe ball bearing from our inventory online by visiting <https://military-fasteners.com/bearings/airframe+ball+bearings/MS27640-8> 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.