

**Description**

Diameter: 0.9014", 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**[KP4](#)

SKU / Model:	MS276404
Minimum Qty (MOQ):	1
NSN:	3110-00-023-6669
ECCN:	EAR99
National Motor Freight:	114820, Bearings / Bushings Noi Ball / Roller



\* See page 2 for technical characteristics

# P/N MS27640-4 Specifications

<b>Bore Diameter:</b>	0.2500 Inches Nominal
<b>Overall Outside Diameter:</b>	0.9014 Inches Nominal
<b>Lubrication Material:</b>	Grease
<b>Outer Ring Width:</b>	0.3350 Inches Nominal
<b>Inner Ring Width:</b>	0.4840 Inches Nominal
<b>Seal Quantity:</b>	2
<b>Bearing Seal Type:</b>	Contact
<b>Load Direction:</b>	Radial
<b>Standard Tolerance Designation:</b>	Afbma Std Tolerance For Airframe Ball Bearings
<b>Special Features:</b>	80 Pct. Full Of Mil-g-81322,internal Radial Clearance 0.0004 In. Min,0.0010 In. Max,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. Outerring 0.0016 In.
<b>Lubrication Material Document And Classification:</b>	Mil-g-81322 Mil Spec Single Material Response
<b>Material:</b>	Plastic Polytetrafluoroethylene Seal
<b>Material:</b>	Steel Comp E51100 Ball Or Steel Comp E52100 Ball
<b>Material:</b>	Steel Comp E52100 Inner Ring
<b>Material:</b>	Steel Comp E52100 Outer Ring
<b>Material:</b>	Steel Corrosion Resisting Retainer
<b>Material Document And Classification:</b>	66 Fed Std All Material Responses Ball
<b>Material Document And Classification:</b>	66 Fed Std Single Material Response Inner Ring
<b>Material Document And Classification:</b>	66 Fed Std Single Material Response Outer Ring
<b>Material Document And Classification:</b>	Ams 3652 Assn Std Single Material Response Seal Or Ams 3666 Assn Std Single Material Response Seal
<b>Surface Treatment:</b>	Cadmium Exposed Surfaces As Mounted
<b>Surface Treatment Document And Classification:</b>	Qq-p-416,ty 1,cl 2 Fed Spec Single Treatment Response Exposed Surfaces As Mounted
<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/MS27640-4> 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.