



Standard Specification for Rotary Positive Displacement Fuel Pumps¹

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1. Scope

1.1 This specification covers the requirements applicable to the design and construction of rotary positive displacement distillate fuel pumps for shipboard use.

1.2 Lineal dimensions and units of force in this specification are expressed as inches and pounds respectively. A companion metric standard is in the process of preparation.

2. Referenced Documents

2.1 ASTM Standards:

- A 36/A 36M Specification for Carbon Structural Steel²
- A 53/A 53M Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless³
- A 106 Specification for Seamless Carbon Steel Pipe for High-Temperature Service³
- A 193/A 193M Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service³
- A 194/A 194M Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both³
- A 240/A 240M Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels⁴
- A 269 Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service³
- A 276 Specification for Stainless Steel Bars and Shapes⁴
- A 312/A 312M Specification for Seamless and Welded Austenitic Stainless Steel Pipes³
- A 354 Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners⁵
- A 434 Specification for Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered⁶
- A 449 Specification for Quenched and Tempered Steel Bolts and Studs⁵
- A 563 Specification for Carbon and Alloy Steel Nuts⁵

- A 564/A 564M Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes⁴
- A 574 Specification for Alloy Steel Socket-Head Cap Screws⁵
- A 582/A 582M Specification for Free-Machining Stainless Steel Bars⁴
- A 743/A 743M Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion-Resistant, for General Application⁷
- A 747/A 747M Specification for Steel Castings, Stainless, Precipitation Hardening⁷
- B 148 Specification for Aluminum-Bronze Sand Castings⁸
- B 150 Specification for Aluminum Bronze Rod, Bar, and Shapes⁸
- B 209 Specification for Aluminum and Aluminum-Alloy Sheet and Plate⁹
- B 221 Specification for Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes⁹
- B 271 Specification for Copper-Base Alloy Centrifugal Castings⁸
- B 505 Specification for Copper-Base Alloy Continuous Castings⁸
- B 584 Specification for Copper Alloy Sand Castings for General Applications⁸
- D 1418 Practice for Rubber and Rubber Lattices—Nomenclature¹⁰
- D 2000 Classification System for Rubber Products in Automotive Applications¹¹
- D 3951 Practice for Commercial Packaging¹²
- F 104 Classification System for Nonmetallic Gasket Materials¹¹
- F 467 Specification for Nonferrous Nuts for General Use⁵
- F 468 Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use⁵
- F 593 Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs⁵
- F 594 Specification for Stainless Steel Nuts⁵
- F 837 Specification for Stainless Steel Socket Head Cap Screws⁵

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² Annual Book of ASTM Standards, Vol 01.04.

³ Annual Book of ASTM Standards, Vol 01.01.

⁴ Annual Book of ASTM Standards, Vol 01.03.

⁵ Annual Book of ASTM Standards, Vol 15.08.

⁶ Annual Book of ASTM Standards, Vol 01.05.

⁷ Annual Book of ASTM Standards, Vol 01.02.

⁸ Annual Book of ASTM Standards, Vol 02.01.

⁹ Annual Book of ASTM Standards, Vol 02.02.

¹⁰ Annual Book of ASTM Standards, Vol 09.01.

¹¹ Annual Book of ASTM Standards, Vol 09.02.

¹² Annual Book of ASTM Standards, Vol 15.09.