

# Series 8150 Fire Pumps

The 8150 Series Fire Pumps are designed to provide water to stand pipe, sprinkler, chemical mitigation, and hydrant systems for fire suppression in industrial and commercial facilities.

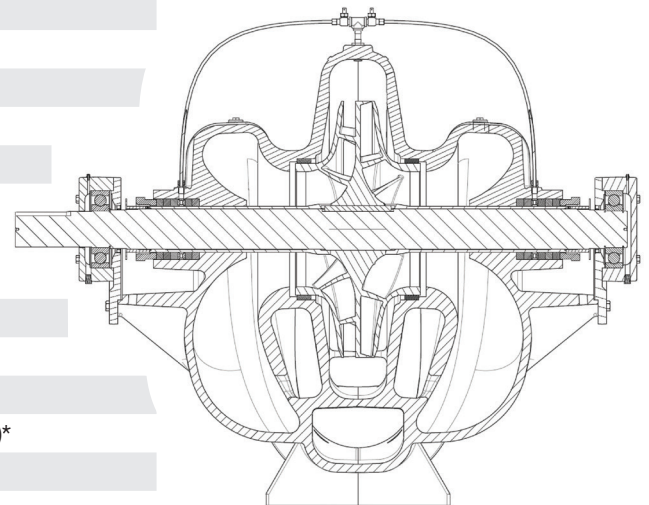
## Features & Benefits

- Available in capacities from 1000 (227 m<sup>3</sup>/hr to lower capacity) to 5000 GPM (1136 m<sup>3</sup>/hr)
- Pressures up to 259 PSI (182m)
- In compliance with NFPA #20, UL, FM, and ANSI
- Performance and hydrostatic tests
- Dynamic balance impellers
- Dual volute casing balances radial forces on the shaft bearings
- Space saving design
- Easy maintenance and upkeep
- Available in electric or diesel engine driven models
- Standard construction: cast iron, bronze fitted
- Clockwise or counterclockwise rotation is available to simplify pump room layout
- Packed stuff box
- Grease lubrication
- Designed for low horsepower requirements
- Available in 50 or 60 cycle
- Suction and discharge flanges are on a common centerline

## SERIES 8150 MATERIALS OF CONSTRUCTION

Part Name	Material
Pipe Plugs (Casing)	Brass
Flush Piping	Copper
Packing Glands	304 Stainless Steel
Bolts (Gland)	Stainless Steel
Pipe Plugs (Brg. Hsg.)	Stainless Steel
Packing (Rings)	Graphite Impregnated Acrylic Yarn
Casing Assembly	Ductile Iron ASTM A536 GR 65-45-12
Casing Joint Gasket (Suction)	Paper (Vellumoid 505)
Casing Joint Gasket (Discharge)	Paper (Vellumoid 505)
Casing Joint Bolts	Steel Alloy
Dowel Pins (Casing)	Steel
Casing rings	Aluminum Bronze (ASTM B505, C954)
Shaft	Steel (SAE 1045)
Shaft Sleeves	Aluminum Bronze (ASTM B505, C954)/SS304*
Shaft Sleeve Nuts	Aluminum Bronze (ASTM B505, C954)/SS304*
Bearing Housing (Inboard)	Cast Iron (ASTM A48 Class 30A)
Bearing Housing (Outboard)	Cast Iron (ASTM A48 Class 30A)
Bearing Bracket	Cast Iron (ASTM A48 Class 30A)
Ball Bearing (Inboard)	Steel
Snap Ring	Steel
Deflectors	Rubber (Neoprene)
Lip Seals (Bearing)	Rubber (Buna "N")
Seal Cage	PTFE
Set Screws	Stainless Steel
Cap Screws	Steel
Grease Fittings (Bearing)	Steel
Key (Impeller)	Steel
Key (Coupling)	Steel
Impeller	Bronze (ASTM B584-875)/CF8 (SS304)*
Spirol Pins (Casting Ring)	302 Stainless Steel
O-ring (Shaft Sleeve)	Rubber (Buna "N")
Retaining Ring	Steel

\*8x6x15F



### Pump Size:

8x6x14F  
8x6x15F  
16x10x22F



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8150 Fire  
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