



## ASME / ANSI B73.3

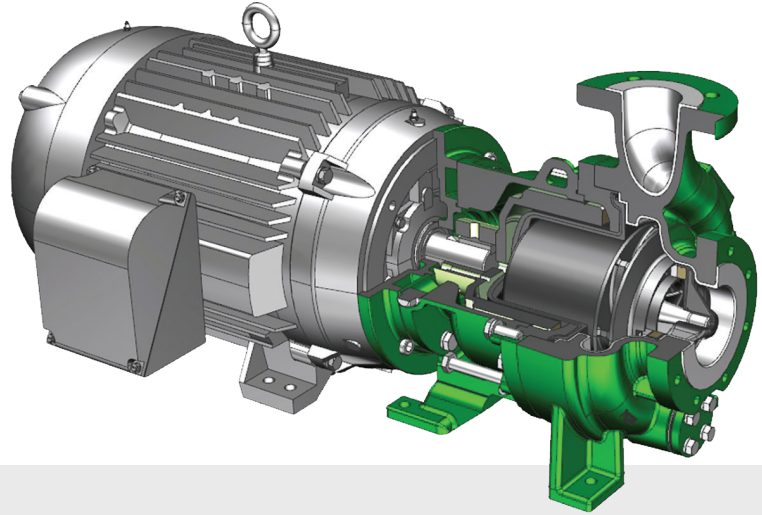
## ETFE Lined Sealless Magnetic Drive Pumps

Aggressive liquids chemical pump for flows up to 1000gpm and heads to 290ft

The Ansimag KF438F, ETFE lined, sealless magnetic drive centrifugal pump is ideal for the most corrosive or acidic applications in the chemical, specialty chemical, steel, and upstream oil & gas industries.



# ANSIMAG Model KF438F



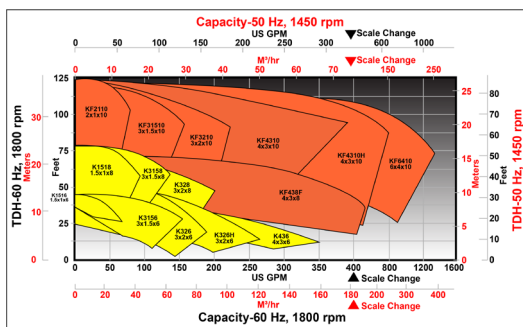
Highly dependable Ansimag design, optimized to enhance the performance and convenience of KF438F over the previous KF438:

- Improved interchangeability with other KF pumps, fewer spares to keep everything up and running.
- Larger magnetic coupling and motor size capability (up to 100 hp @ 60Hz)
- Higher flow capability

As part of the Ansimag family, KF438F also benefits from:

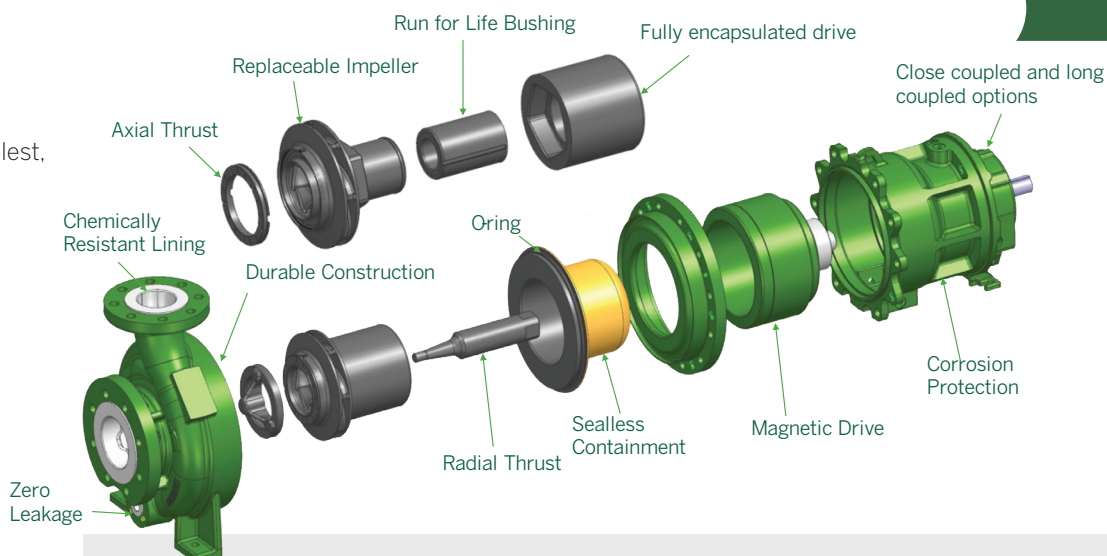
- ETFE (ethylene tetrafluoro ethylene) lining
- Ability to safely manage a wide range of chemicals including corrosives and solvents up to 250°F.
- Highly energy-efficient with a non-metallic containment shell that generates no eddy currents, thus eliminating heat generation.
- Ease of service with only nine wetted individual parts allowing onsite service without removing the casing from the piping and with no special tools required.

## Ansimag Model KF Line Performance Envelope



## Simple By Design

With only 9 wetted parts, ANSIMAG pumps are the simplest, most reliable pumps to own, operate and maintain.



## Typical Industries

Chlor-Alkali  
Isocyanates  
Specialty Chemicals  
Plastics & Polymers  
Polycarbonates  
Pharma & Biotech  
Water & Wastewater  
Battery Manufacturing  
Metal Pickling & Plating  
Agrochemicals

## 60 Hz Specifications

<b>Heads to</b>	290 ft
<b>Flows to</b>	1000 gpm
<b>Standards</b>	ANSI / ASME B73.3 (Seamless replacement of B73.1 pumps)
<b>Maximum Motor Power</b>	100hp
<b>Temperature Range</b>	-20°F to 250°F
<b>Maximum Allowable Working Pressure</b>	285 psi
<b>Hydrotest Pressure</b>	430 psi
<b>Mounting Configuration</b>	Horizontal close coupled, Horizontal long coupled
<b>Seal Configurations</b>	Sealless
<b>Available Flanges</b>	ANSI/ASME Class 150 RF ANSI/ASME Class 300 RF
<b>Solids Range</b>	Up to 20% solids with multigroove shaft
<b>Materials of Construction</b>	Carbon Fiber Reinforced ETFE (Impeller parts), ETFE lined ductile iron (casing)
<b>Bearing Materials Available</b>	Silicon Carbide, Carbon Graphite Optional
<b>Max Viscosity</b>	900 SSU (200 centistokes)
<b>Number of Available Hydraulics</b>	1



Questions?  
Call us today at  
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