



New ANSIMAG Model KF438F Expands Performance Envelope and Simplifies Maintenance



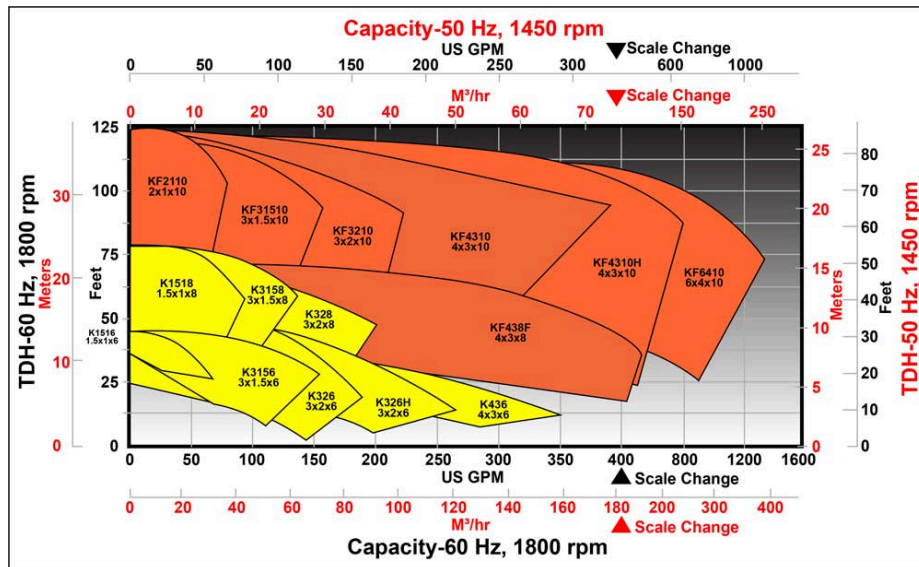
The ANSIMAG KF438 pump has built a strong reputation for high performance and impressive flow from a 4-inch pump. Sundyne's design engineers built this model to meet a specific need, and the original KF438 featured different magnets and bushings than other members of the ANSIMAG family. Now, the KF438F update brings the popular KF438 pump in line with the other ANSIMAG pumps.

This update:

- Offers interchangeability with other KF pumps

- Requires fewer spares to keep everything up and running
- Features a larger magnetic coupling and motor size capability (up to 100 hp @ 60Hz).

These enhancements increase flow capacity and optimize performance and convenience for KF438F operators.

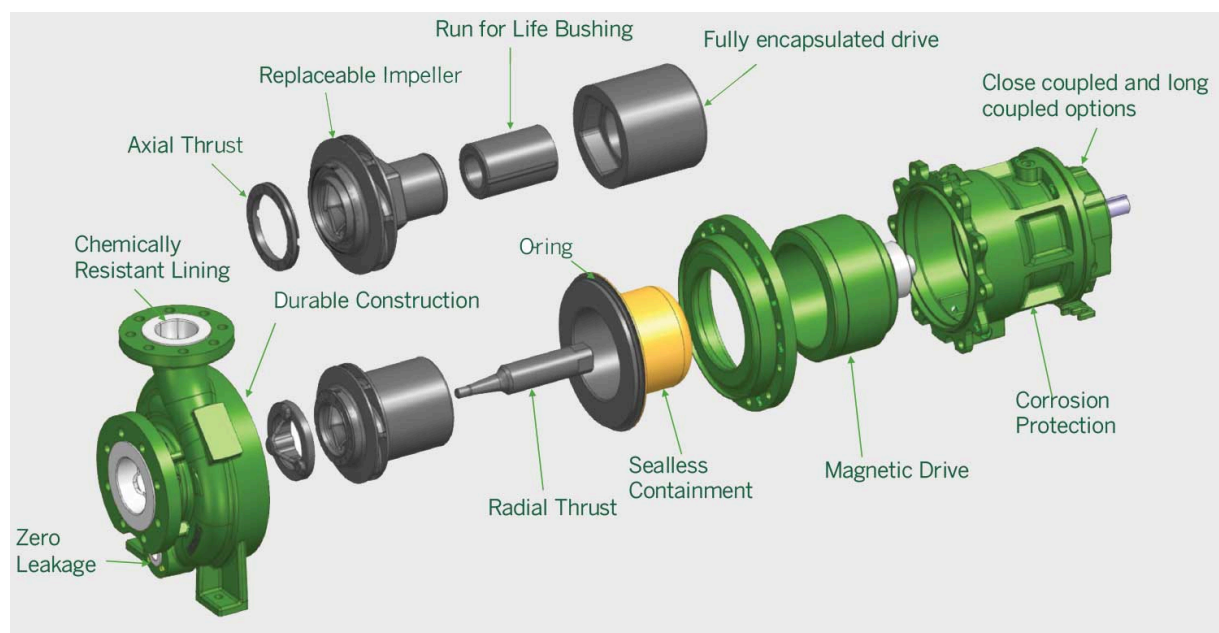


As part of the Ansimag family, the KF438F also benefits from:

- ETFE (ethylene tetrafluoro ethylene) lining
- Ability to safely manage a wide range of chemicals, including corrosives and solvents up to 250°F
- Enhanced energy-efficiency, 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.

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

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

To learn more about the new ANSIMAG KF438F,
please contact us.



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