



SEALLESS ETFE-lined, magnet drive centrifugal pump

Ansimag K-Plus



The **Ansimag K-Plus** is an ANSI compliant, sealless, non-metallic, magnet drive centrifugal pump.

- Flows to 675 GMP (153 m³/hr)
- TDH up to 310 ft (95 m)

The K-Plus is ideal for most corrosive or acidic applications in the Chemical, Specialty Chemical and Steel industries.

APPLICATIONS

- Corrosive & Toxic Services
- Chemical Processing & Transfer
- Water Supply, Pollution & Wastewater
- Brine Injection & Disposal

Specifications

Heads To	25 to 330 ft	6 to 67 m	60HZ: 8 to 95m
Flows To	5 to 675 gpm	1 to 122m ³ /hr	60HZ: 1 to 153m ³ /hr
Max Power	30	22	
Temp Range	-120 to 250°F	-84 to 120°C	
Number of Stages	1.0		
Max Case Working Pressure	285 psi	19.3 kg/cm ²	
Standard Delivery	2 Weeks		
Materials of Construction	Carbon Fiber Reinforced ETFE Glass Fiber Reinforced PFA		
Bearing Materials Available	Silicon Carbide Carbon Graphite		
Hydrotest Pressure	430 psi	30 kg/cm ²	
Max Viscosity	1,700 SSU (365 centistokes)		
Industry Standard	ANSI ISO JIS		
Solids Range	to 40%		
Motor Details	NEMA IEC		
Mounting Configurations	Horizontal close coupled Horizontal long coupled		
Dimensional Standards	ANSI B73.3 ISO 2858 JIS B8313		
Number of Available Hydraulics...	6.0		
Seal Configurations Available	Sealless		
Available Flanges	ANSI Class 150 RF ISO PN16 JIS 10		

Sundyne Ansimag impellers feature a fully encapsulated magnetic drive design that provides more than a dozen different engineering improvements. Along with dramatically reduced inventory and maintenance costs, these impellers provide superior resistance to deterioration and corrosion resulting from chemical handling, as well as increased efficiency.



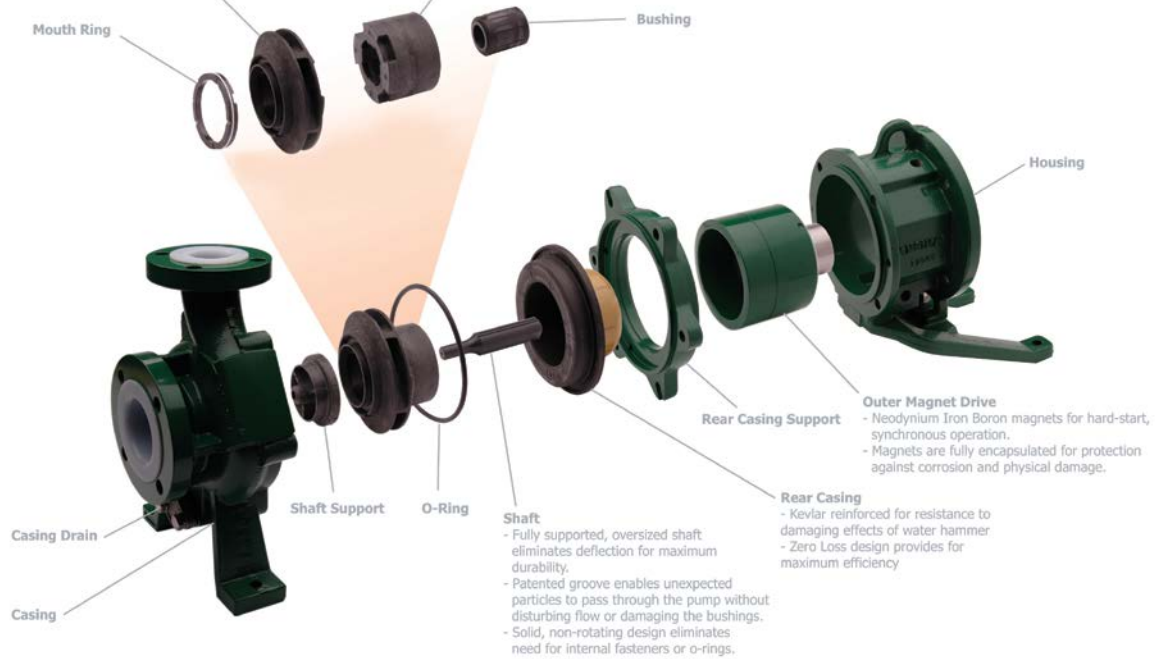
- Agrochemicals
- Reactor Feed
- Industrial Waste
- Coatings & Plastics
- Mineral Processing
- Metal Pickling & Plating
- Cargo Loading & Unloading
- Battery Manufacturing

Impeller
 - Locking mechanism permits impeller to be used with multiple magnet drive sizes for maximum parts interchangeability.
 - Fully enclosed design minimizes axial thrust over wide operating range.

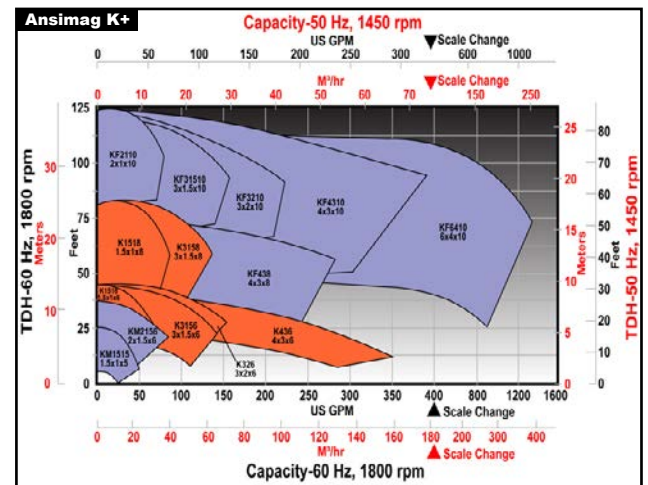
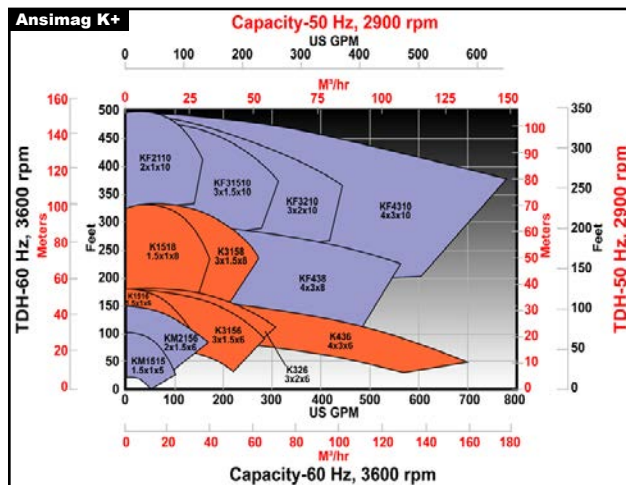
Inner Magnet Drive
 - Advance molding process fully encapsulates magnets, eliminating all plastic welding that often leads to chemical attack.
 - Locking mechanism permits magnet drive to be used with multiple impeller sizes for maximum parts interchangeability.

SIMPLE BY DESIGN

Ansimag K-Plus



PERFORMANCE



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