

Vertical Sealless Pumps

VKC / MSVKC Series

Flows to 70 gpm (12.6 m³/hr)
Heads to 54 feet (11.6 m)



VKC 5,5, 6, 6H, 7, 8, 10

VKC / MSVKC Typical Applications

- High pressure/low flow chemical processing, spraying, bulk unload, and tank transfer applications
- Plating recirculation/filtration, PCB etching and rinse
- Water/waste water treatment, wet scrubber
- Laboratory, pharmaceutical, photo processing

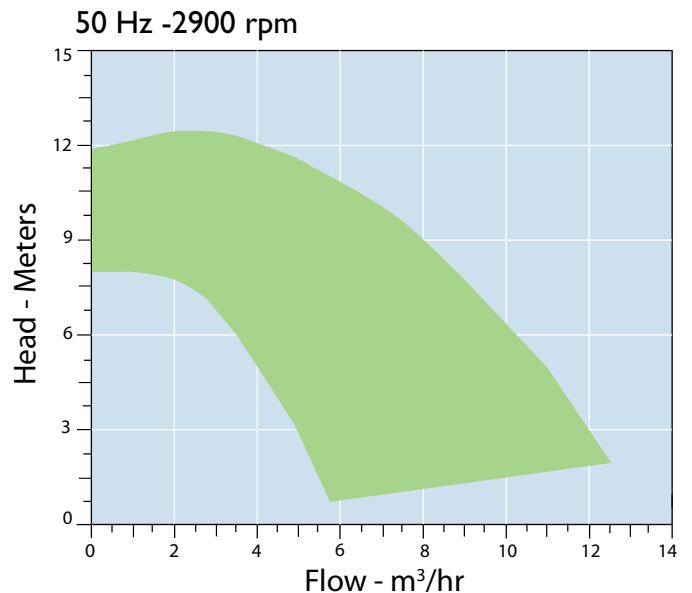
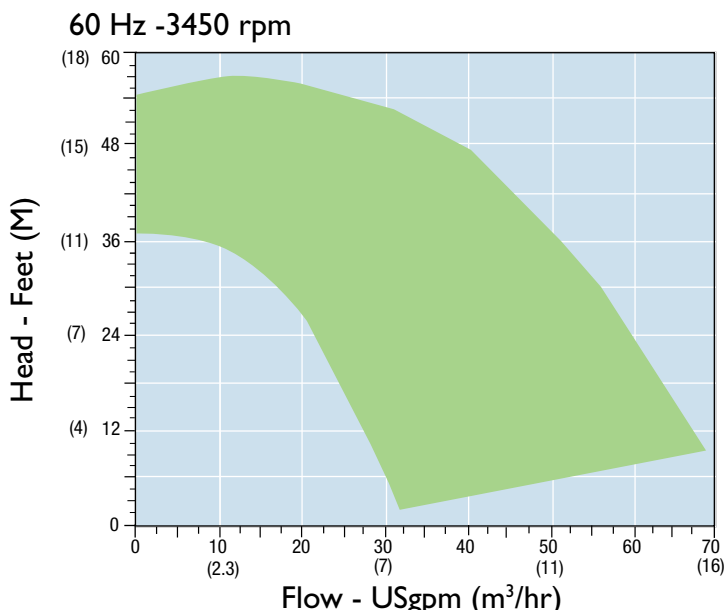
The VKC Series

Vertical magnetic drive centrifugal pumps featuring rare earth neodymium boron iron magnet technology. The VKC Series achieves a truly sealless, vertical pump design free of wetted shaft bearings. A completely sealed, air tight column and the absence of a secondary/back impeller prevent aeration and virtually eliminate micro-bubbles and the release of fugitive environmental emissions.

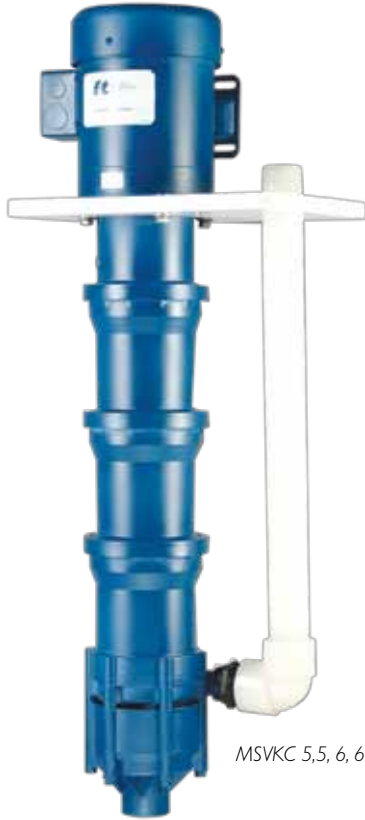
VKC Series pumps feature extended run dry ability which reduces down time in the event of a system upset. Molded components with o-ring protection shield the column and motor internals from liquid and fumes reducing required maintenance.

Features

- Utilizes powerful neodymium magnets
- Non-aerating (no micro-bubbles)
- Reduced environmental emissions
- No wetted shaft bearings
- Mounts inside or outside of tank
- Corrosion resistant Polypropylene or PVDF construction
- Accepts standard NEMA or IEC motors
- Modular build: in 6" increments from 12" (30 cm) to 60" (152 cm)
- Up to 1.8 specific gravity
- Maximum temperature 140°F (60°C)
- Maximum working pressure: 60 psi



**Flows to 61 gpm (12.7 m³/hr)
Heads to 99 feet (21.3 m)**



MSVKC 5,5, 6, 6H, 7, 8, 10

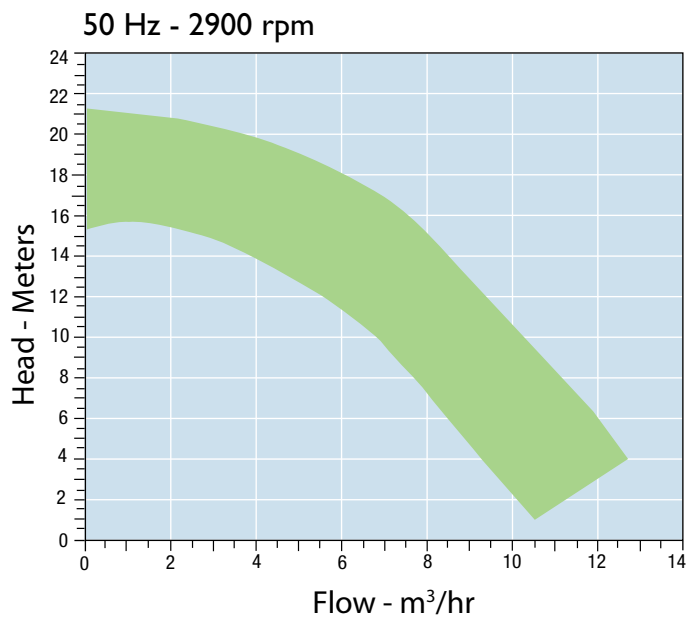
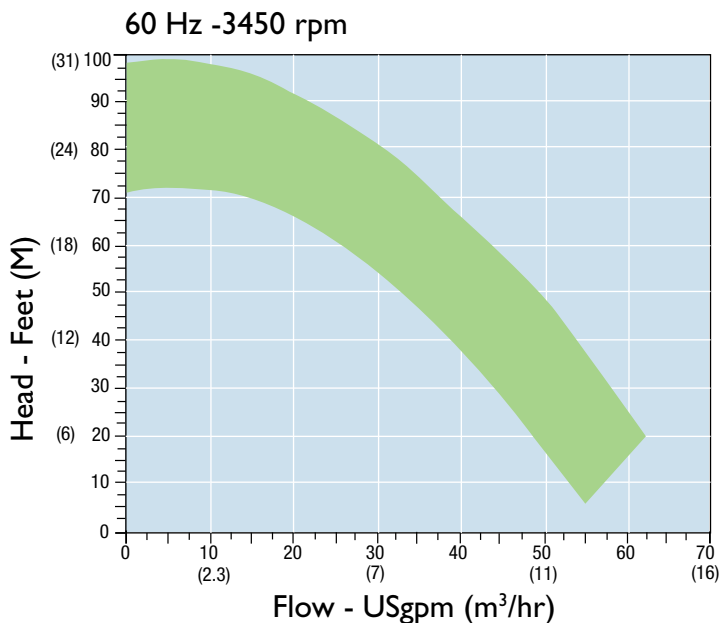
The MSVKC Series

Vertical magnetic drive centrifugal pumps featuring rare earth neodymium boron iron magnet technology. The MSVKC Series has a completely sealed, air tight column to prevent aeration and eliminate micro-bubbles and the release of fugitive environmental emissions.

The multi-stage design generates increased head at low flow rates, utilizes less power and has a wide hydraulic envelope for application flexibility. Multiple impellers enable a small footprint with smaller motors. MSVKC pumps are available in five impeller combinations.

Features

- Utilizes powerful neodymium magnets
- Corrosion resistant Polypropylene or PVDF construction
- Unique interconnecting drive shaft transmits torque from magnetic coupling to first stage impeller
- Independent thrust bearings at each stage for maximum reliability
- Hydro-tested to 120 psi
- Maximum working pressure 80 psi
- Custom mounting plates available
- Mounts inside or outside of tank
- Accepts standard NEMA or IEC motors
- Modular build: in 6" increments from 18" (30 cm) to 66" (152 cm)
- Up to 1.8 specific gravity
- Maximum temperature 140°F (60°C)



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