

VERTICAL MAGNETIC DRIVE SEALLESS CENTRIFUGAL PUMPS VKC SERIES



FINISH THOMPSON INC.

finishthompson.com

PUMPING SOLUTIONS **AROUND THE WORLD**



FINISH THOMPSON INC.

VKC Series vertical pumps offer excellent corrosion resistance and magnetic drive reliability. Multiple impeller diameters and column lengths offer enhanced hydraulic selection and application flexibility.



VKC SERIES

A design breakthrough in vertical pumps

- **True Sealless Vertical Pump Design**

Magnetic drive eliminates the need for wetted shaft bearings

- **Airtight Column**

Sealed, air tight column helps prevent shaft and motor corrosion and reduces environmental emissions

- **No Back Impeller**

Single impeller prevents aeration and eliminates microbubbles in fluid being pumped

- **Reduced maintenance**

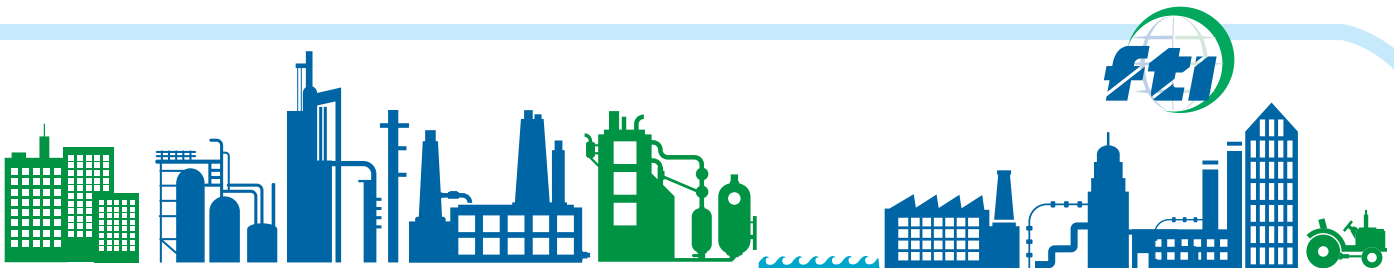
Closed column reduces motor and pump maintenance

- **Standard NEMA or IEC Motors**

Mounts to either frame type for worldwide use

FEATURES

- Magnetic Drive
- Non-Aerating (no micro-bubbles)
- No Wetted Shaft Bearings
- Mounts Inside or Outside of Tank
- Polypropylene or PVDF Construction
- Carbon, PTFE or ceramic bushing options
- FKM or EPDM o-ring options
- Titanium, Hastelloy® C or PVDF hardware options
- NPT or BSP threaded connections
- Optional mounting plate and discharge pipe
- Accepts Standard NEMA or IEC Motors
- CE certified



VKC SERIES APPLICATIONS

- Circulation through filters and eductors
- Fume scrubbers
- Chemical sumps
- Bio-filtration and odor control

TYPICAL CHEMICALS

- Plating solutions
- Scrubber solutions
- Acids
- Bases
- Chemical sump mixtures
- Sodium hypochlorite
- Sodium hydroxide

Hastelloy is a registered trademark of Haynes International.

SPECIFICATIONS

Maximum Head

- 37 (11.3 m) to 54 (16.5 m) feet

Maximum Flow

- 31 gpm (7 m³/hr) to 69 gpm (15.7 m³/hr)

Maximum Temperature

- 140° F (60° C)

Maximum Specific Gravity

- Over 1.8

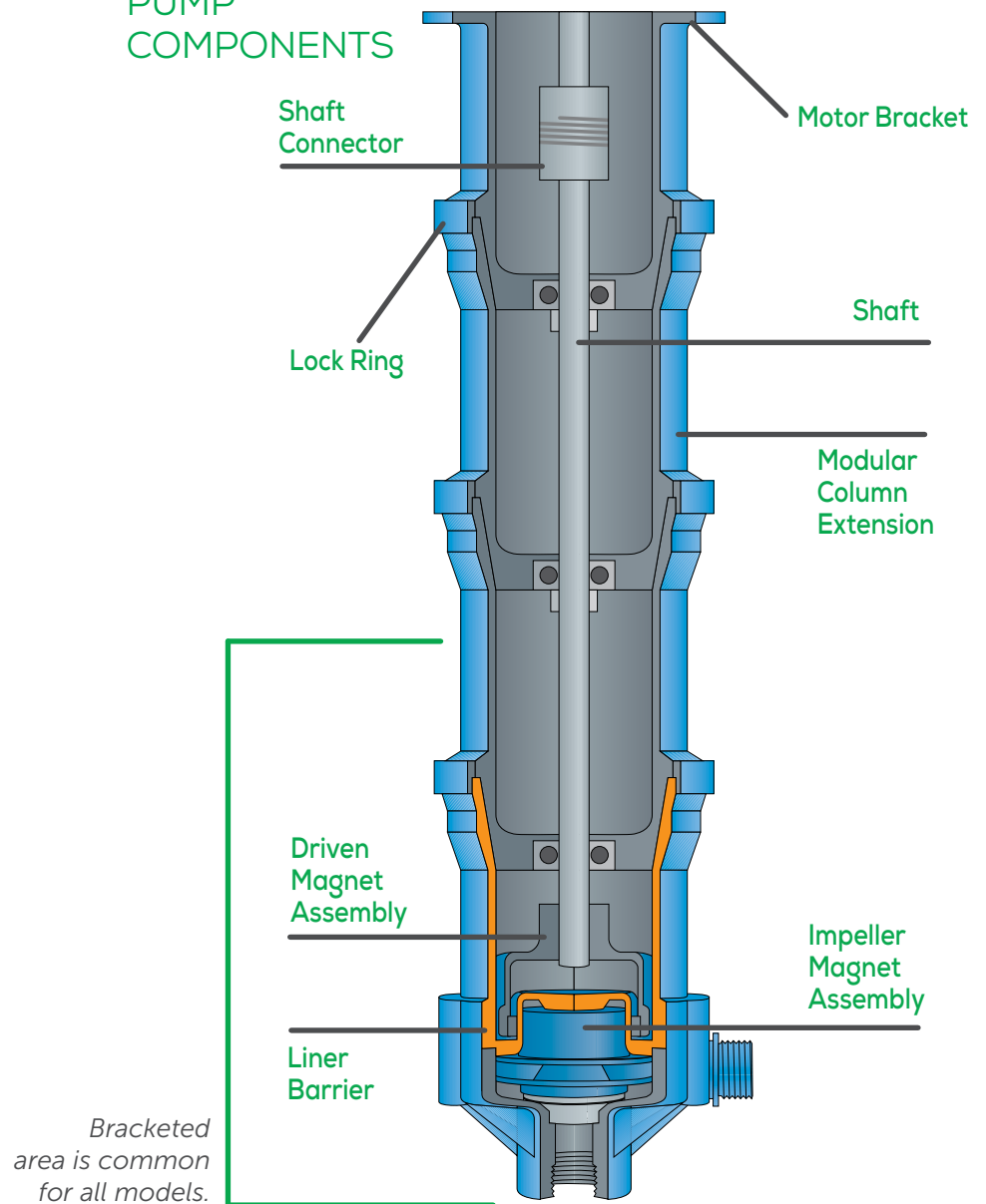
Maximum Working Pressure

- 60 PSI (4.1 bar)

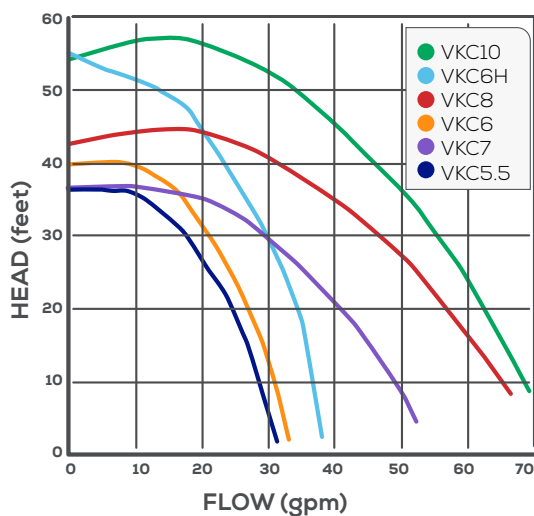
Modular Build Column Length

- 6" (15 cm) Increments from 12" (30 cm) to 60" (152 cm)

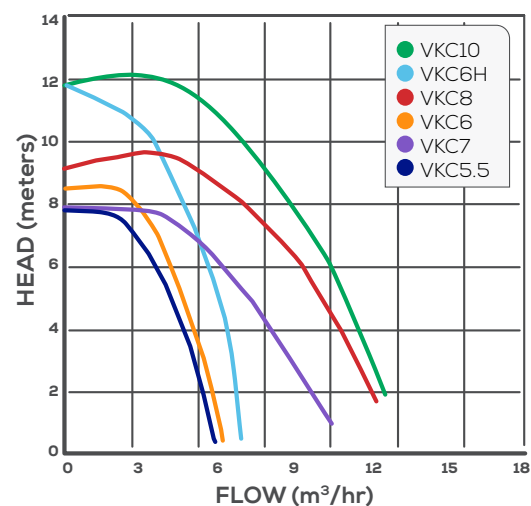
PUMP COMPONENTS



VKC SERIES 60 Hz, 3450 rpm



VKC SERIES 50 Hz, 2900 rpm



OTHER GREAT PRODUCTS FROM FINISH THOMPSON



UC SERIES
ANSI DIMENSIONAL
MAGNETIC DRIVE PUMPS



DB & SP SERIES
PREMIUM MAGNETIC
DRIVE SEALLESS
CENTRIFUGAL PUMPS



DRUM/BARREL
PORTABLE FLUID
TRANSFER SOLUTIONS



GP SERIES
SEALED PLASTIC
CENTRIFUGAL PUMPS



AP SERIES
SEALED STAINLESS
STEEL CENTRIFUGAL
PUMPS



MSKC SERIES
MULTI-STAGE MAGNETIC
DRIVE SEALLESS
CENTRIFUGAL PUMPS



AFTERMARKET AODD
PUMP REPLACEMENT
PARTS



PREMIUM AODD PUMPS
AVAILABLE 2016



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