

# Magnetic Drive Pumps

## VKC, MSKC, MSVVC Series

### Sealless Vertical, Multi-Stage Horizontal & Vertical

VKC/MSVVC Series



Model MSVVC Series



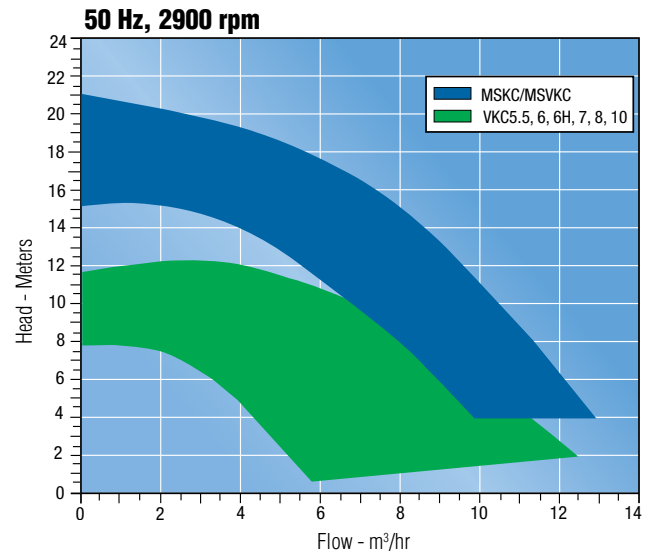
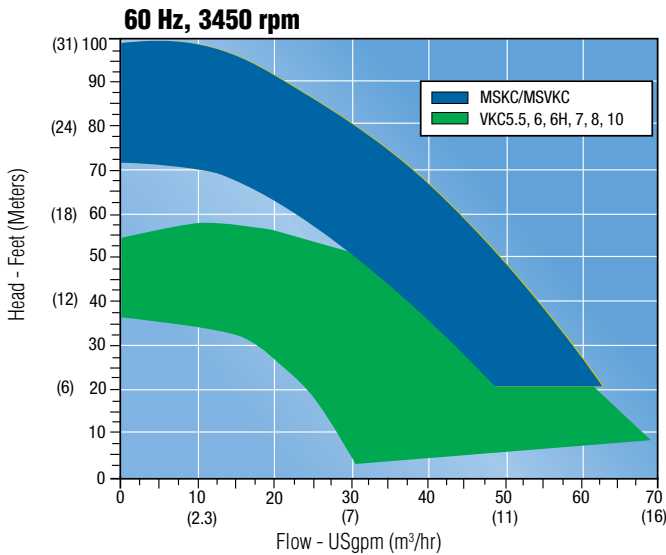
Model MSKC Series



Model VKC Series

	VKC5.5	VKC6	VKC6H	VKC7	VKC8	VKC10	MSKC1 MSVVC1	MSKC2 MSVVC2	MSKC3 MSVVC3	MSKC4 MSVVC4	MSKC5 MSVVC5
HP*	.33	.5	.75	.5	.75	1	3	2	2	1.5	1.5
kW *	.25	.25	.37	.25	.37	.55	1.1	1.1	.75	.75	.55
Imp. Dia. (in.)	3	3.19	3.88	3.19	3.5	3.88	3.88 + 3.88	3.5 + 3.88	3.5 + 3.5	3.19 + 3.5	3 + 3.5
Imp. Dia. (cm)	7.6	8.1	9.9	8.1	8.9	9.9	9.9 + 9.9	8.9 + 9.9	8.9 + 8.9	8.1 + 8.9	7.6 + 8.9
Inlet x Outlet (in.)	1 x 3/4	1 x 3/4	1 x 3/4	1 1/2 x 1	1 1/2 x 1	1 1/2 X 1	1 1/2 x 1	1 1/2 x 1	1 1/2 x 1	1 1/2 x 1	1 1/2 x 1
Max. SG	1.4 <sup>†</sup>	1.4 <sup>†</sup>	1.4 <sup>†</sup>	1.4 <sup>†</sup>	1.4 <sup>†</sup>	1.4 <sup>†</sup>	1.5 <sup>†</sup>	1.5 <sup>†</sup>	1.5 <sup>†</sup>	1.8	1.8

\*HP calculated at 3500 rpm. kW calculated at 2900 rpm. <sup>†</sup>1.8 SG achievable with magnet upgrade.



#### Features

- Magnetically coupled to motor; no mechanical seals to leak or replace
- Rare earth neodymium magnets
- MSKC Series generates increased head at low flow
- Low power consumption - Multi-Stage
- Multi-stage wide hydraulic envelope allows mix and match impeller sizes
- Interchangeable components
- VKC sealed column eliminates micro bubbles; no wetted shaft bearings
- Back pull-out design for easy service on horizontals

#### Construction

- Corrosion resistant polypropylene (180°F/82°C) or PVDF (220°F/104°C) horizontal; **vertical models** maximum temperature - 140°F/60°C
- Multi-stage design with small foot print
- MSKC Series - unique interconnecting drive shaft transmits torque to first stage impeller
- MSKC - independent thrust bearings at each stage for maximum reliability
- Viton® or EPDM o-rings standard; carbon, ceramic or PTFE bushings
- Standard NEMA 56C or IEC motors
- VKC - modular build in 6" increments from 12" (30 cm) to 60" (152 cm)

#### Applications

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

#### Typical Chemicals

- Sodium hydroxide, sodium hypochlorite
- Sulfuric acid, hydrochloric acid, nitric acid
- Corrosive blends, solvents, waste water