



## VANE PUMPS SVM Series

SVM Series Rotary Vane Seal-less Mag-drive pumps are ideally suited for low flow / high head applications. SVM pumps feature self-compensating sliding-vanes which maintain design head and flow capacities for extended operating life. SVM vane pumps are suitable for thin non-lubricating liquids and/or high differential pressure without rapid wear associated with gear mechanisms. SVM pumps are capable of self-priming from a dry start.

No gear wear or metal to metal contact, low internal slip.

Capable of proportioning with variable speed drives.

Heavy duty casing and rotors machined from wrought alloy bars.

Heavy duty alloy containment shell for added safety.

Replaceable carbon cartridge – low maintenance costs. Chemically

resistant carbon or silicon carbide sleeve bearings. High torque

magnets, suitable for direct starting motors. Pedestal mounted or

close coupled design.

All pumps are manufactured in accordance with the current CE-Standard

\*\*\*\* Explosionproof models according to ATEX directive, category II are also available. \*\*\*\*

### FEATURES

- Positive displacement rotary vane pumps
- Performances and Dimensions: our standard PN 16
- Models: 1x100 up to 2x2000
- Threaded nozzles, option Flanged
- DrySelf Priming
- High Viscosities

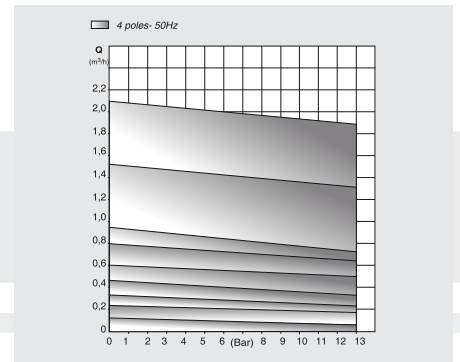
### MATERIALS

- Stainless Steel AISI 316L fully machined
- On request Incoloy 825 and Hastelloy C

### APPLICATIONS

- Chemical and pharmaceutical plants
- Pilot plants & Laboratories
- Injection and sampling systems
- Refrigerants and ammonia recirculation
- Mechanical seal flushing

Discharge nozzles	3/8" upto 1
Poles	4
Capacity [m <sup>3</sup> /h]	upto 2,2
Pressure (Bar)	upto 14
Max. Temper. (°C)	300



ref	DESCRIPTION	MATERIAL
10	Rear Casing	AISI 316L
20	Ext. Magnet	Neodym./Steel
30	Int. Magnet	AISI 316L/CoSm
51	O-Ring (g+h)	Viton
70	Rotor Shaft	AISI 316L
75	Cartridge Graphite	Graphite/ AISI 316L
78	Bracket	Cast Iron
80	Kit Spares	/
85	Pump Body	AISI 316L
86	End Cover	AISI 316L

### SECTIONAL DRAWING

