



Rotary Vane Pumps

SVP Range Magnetically Driven Plastic Vane Pumps

DESIGN SUMMARY

Standards	Internal
Configuration	Close coupled
Motors	IE2, IE3, IE4
Seal Type	Magnetic Drive

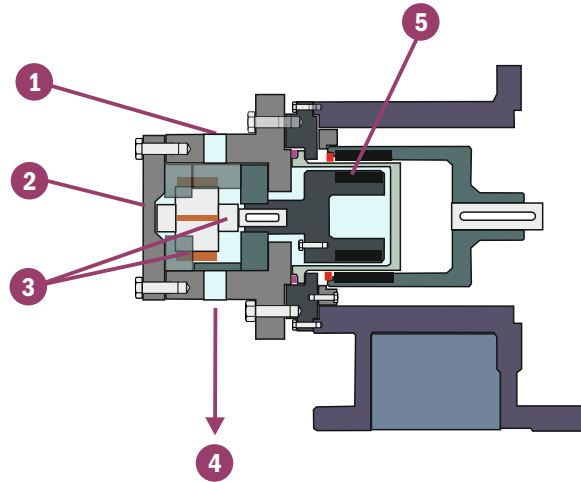
SPECIFICATIONS

Maximum Temp	70 °C
Minimum Temp	-50 °C
Max Flow	375 l/hr
Max Diff Pressure	6.0 bar
Max Pressures	10 bar total system
ATEX	No

MATERIALS

	Standard	Options
Rear Casing	PVDF CFR	
Front Casing	PVDF	
Shaft	PVDF CFR	
Cartridge	Phenolic Graph	CH Graphite
Internal Magnet	Neodymium	
External Magnet	Neodymium	
O Ring	Viton	EPDM, FEP
Sleeve Bearing	SiC	

CFR = Carbon Fibre Reinforced
CH = Ceramic Hardened



DESIGN FEATURES

SVP pumps are plastic rotary vane pumps designed for low flow high head applications, have a pulse-less flow and directly replace Caster MP pumps.

- 1 BSP, NPT, connections.
- 2 Thick wall housings machined from solid block.
- 3 SiC sleeve bearing and ceramic hardened graphite available for increased chemical resistance.
- 4 The liquid path creates a pulse-less flow.
- 5 Powerful magnets that allow SVP pumps to cope with high SGs and liquid viscosities of up to 2,000 cP.

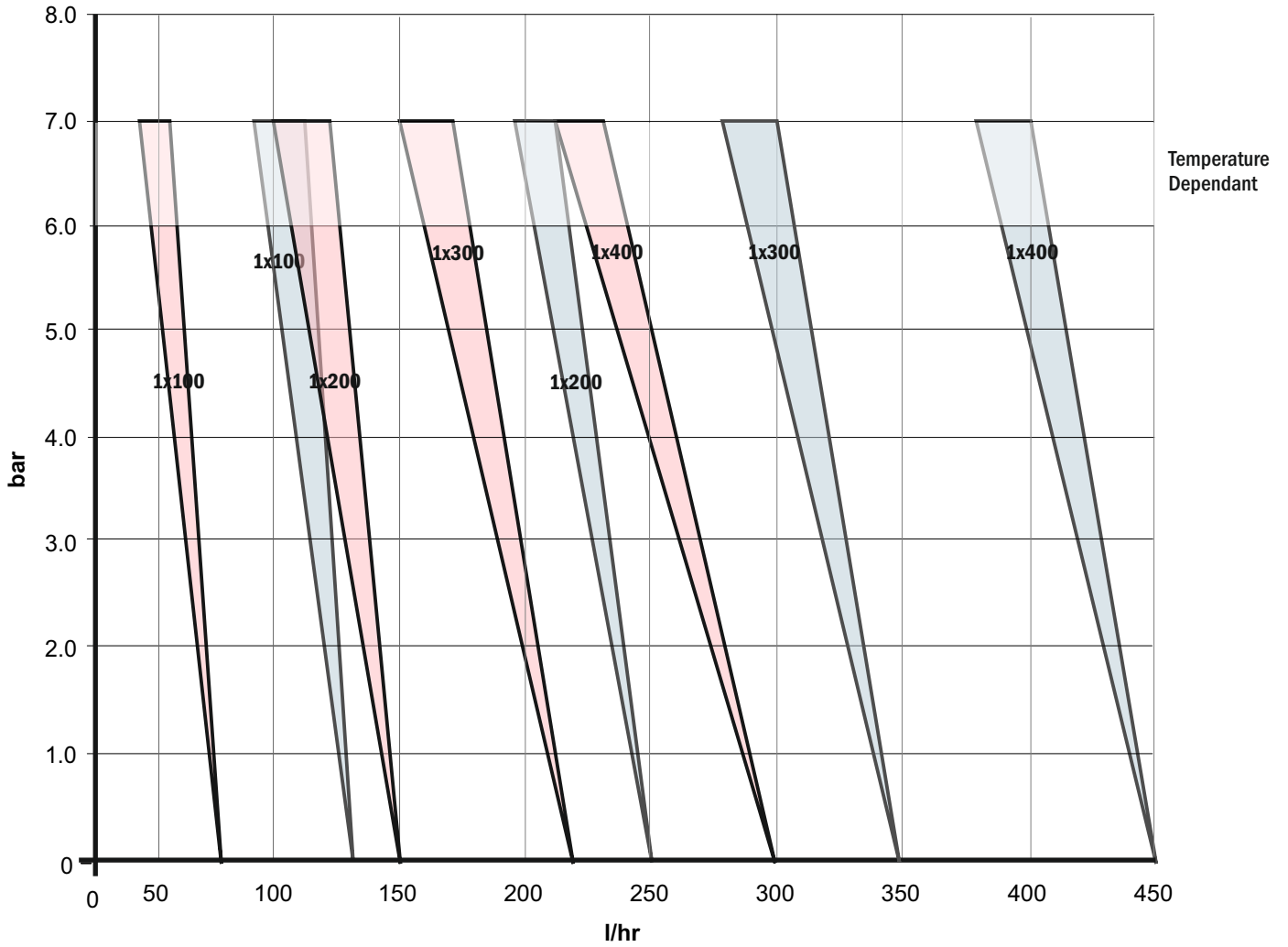
SVP pumps are supplemented by the SVM stainless steel range of rotary vane pumps.





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SVP - Performance Curves

1450 and 950 rpm



-  950 rpm
-  1450 rpm