



## P SERIES

Positive displacement vane pumps

### Numerous Applications

"P" Series vane pumps cover a large range of applications, from fluid to very viscous products, whether they are non-lubricating, abrasive or corrosive.

### Wide Selection of Models

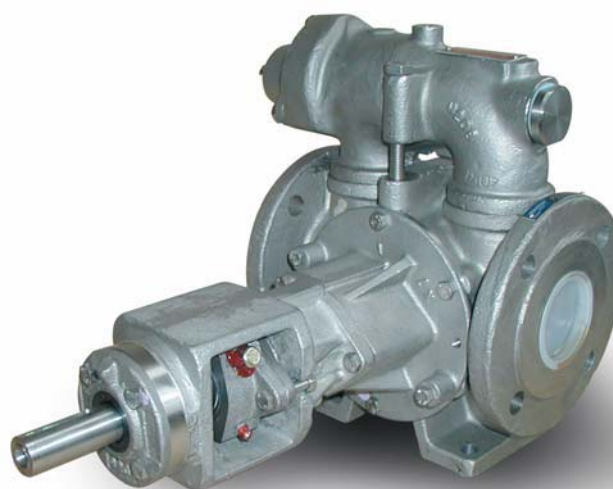
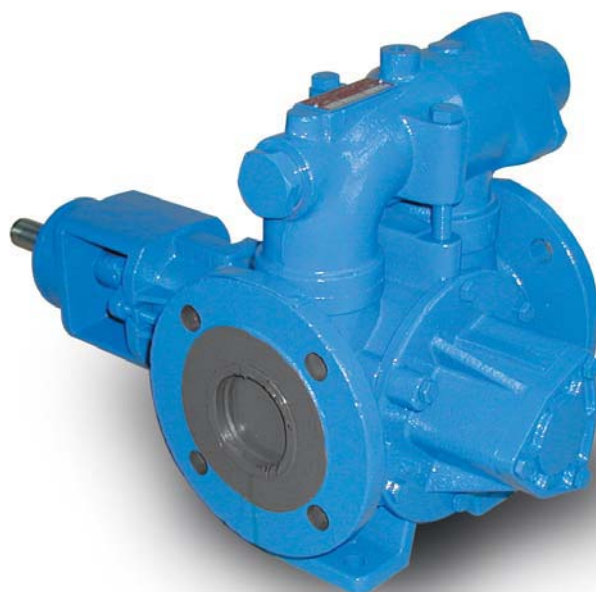
5 pump sizes (up to 110m<sup>3</sup>/h and 12 bar max.) and 3 construction types (cast iron, steel and stainless steel) allow you to select a pump adapted exactly to your specific needs.

### Constant High Performance Characteristics throughout Time

Due to their excellent volumetric characteristics, the P series vane pumps guarantee reduced energy consumption. Thanks to automatic adjustment, the performance characteristics remain constant throughout time.

### Easy and Economical Maintenance

"P" Series vane pumps can be dismantled in situ without disconnecting the suction and discharge lines. Pump reassembly requires no special positioning. Replacement parts are extremely competitive.





## Characteristics



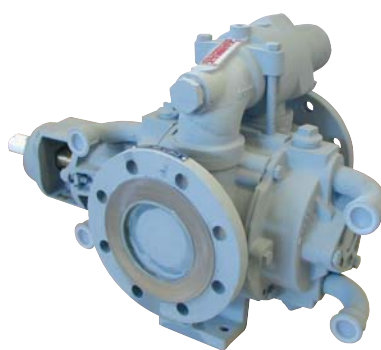
**Cast-iron pump - PN16**

### Pump body

- Depending on the type of product being pumped and the pump environment, 3 materials are available: cast iron, steel or 316 L stainless steel.

### Packing materials

- Depending on the required seal, the pump can be equipped with simple mechanical BLACKMER-MOUVEX seals, single / double standard mechanical seals or packed gland.



**Steel pump - PN20**

### Vanes

- According to the type of product to be pumped and operating conditions, the pump is equipped with polymer or metal vanes, either free or with push rods.

### By-pass

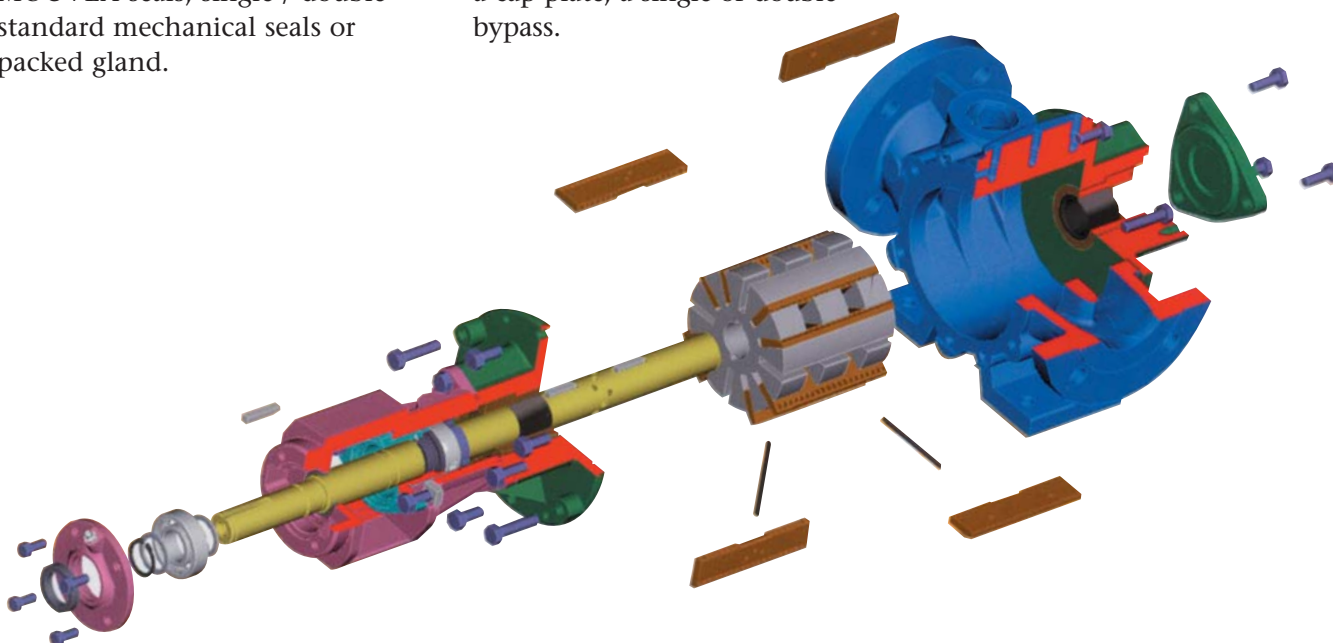
- Depending on the process, the pump can be equipped with a cap plate, a single or double bypass.



**Stainless steel pump - PN16**

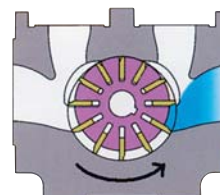
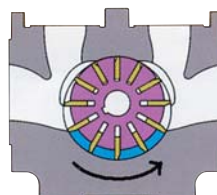
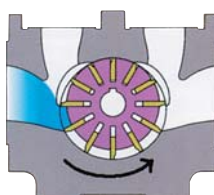
### Heating or cooling shells

- To avoid untimely vaporization or solidification in the pump, the pump body can be supplied with built-in heating or cooling jackets.



## Operating principle

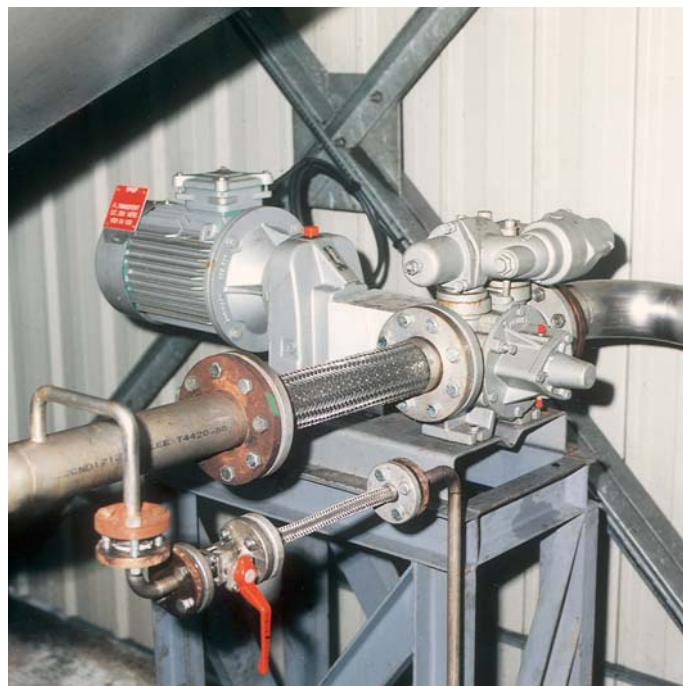
- Positive displacement, free vane pump.
- The rotation of the rotor and the vanes transfers the liquid from the suction side to the discharge within the pump body (in a continuous movement).



## Multiple applications



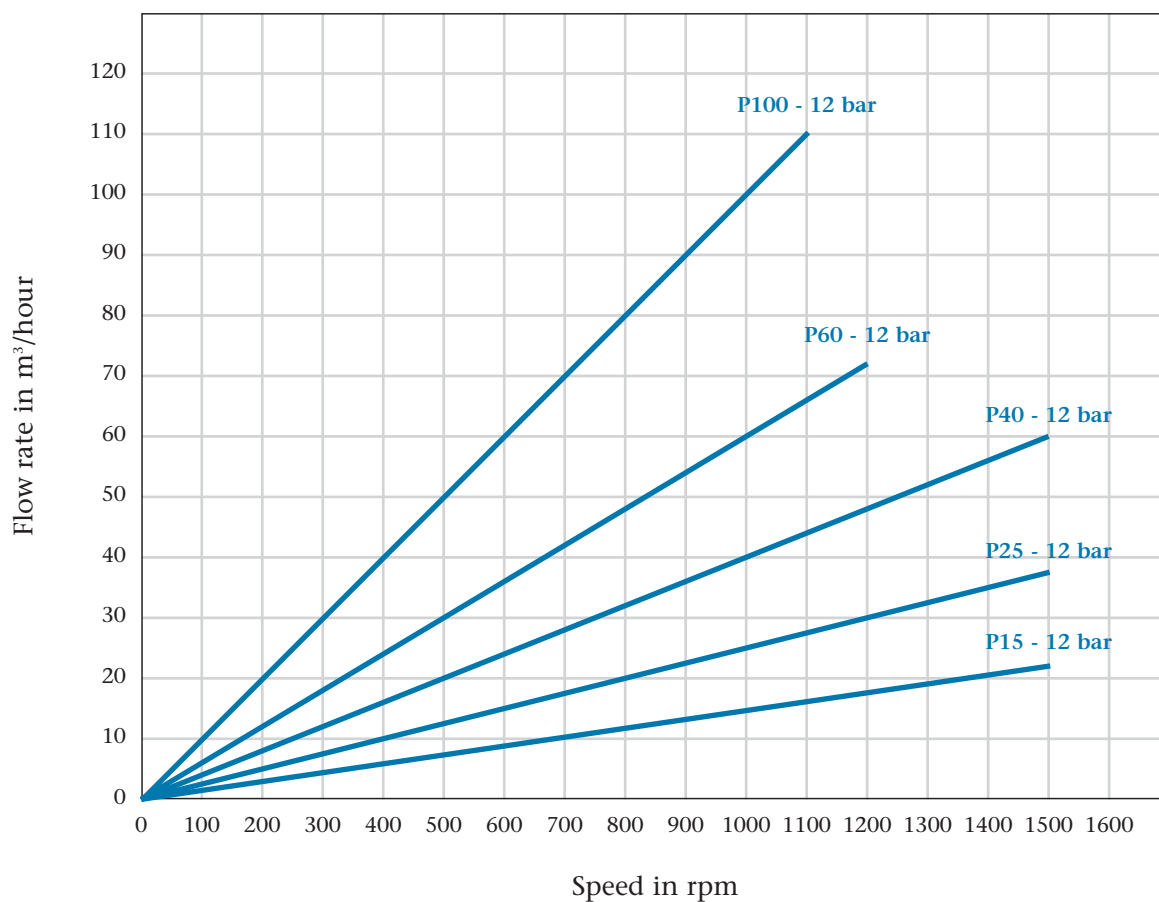
Chocolate transfer



Resin transfer

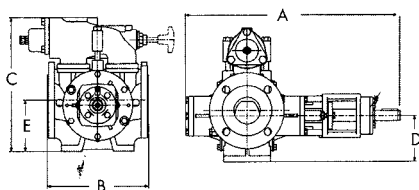
## Performances

Characteristics are given for a viscosity of 10 centistokes.

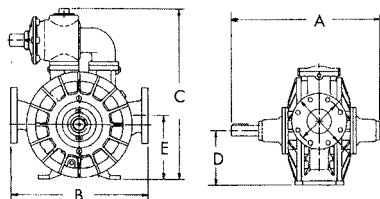




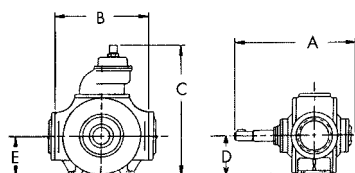
# P SERIES - Vane pumps



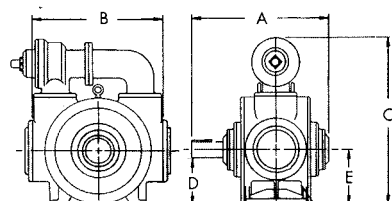
Dimensions table	A	B	C	D	E	kg
	in mm					
P15B-P25B	529	250	327	112	125	51
P40B	601,5	320	402	132	152	65
P60B	632	360	412	160	185	85
P100B	681	400	513	180	210	175



Dimensions table	A	B	C	D	E	kg
	in mm					
MLX4	740	560	695	222	260	202



Dimensions table	A	B	C	D	E	kg
	in mm					
HXL6	779	546	876	241	241	321
HXL8	811	650	937	273	273	458



Dimensions table	A	B	C	D	E	kg
	in mm					
HXL10	924	844	1126	375	375	1361

P15  
P25

P40

P60

P100

MLX4

HXL6

HXL8

HXL10

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