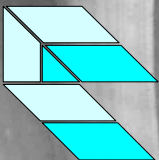


VL LOBE ROTARY PUMP



Costruzioni Meccaniche CAVINATO

Our lobe pump has been specially designed for viscous products that also contain significant fillers and impurities even of substantial size.

Both the pumping and the inside of the casing are made of steel suitable to withstand considerable wear loads. In addition, all interior, pumping and coating elements are easily replaceable without removing the pump case.

The body is entirely made of steel and, if required, it is possible to customize the connections.

One of the salient features is that the pump develops vertically.

This solution has remarkable advantages. Maintaining and adjusting the seals is in an easily visible and accessible position. The heating of the pump body is only made at the bottom and if necessary, it is possible to remove the command unit and the pumping part without any disconnection from the system.

The low speed allows the fluid to enter the pumping chamber filling the cavity well thus eliminating any cavitation phenomenon even with highly viscous liquids

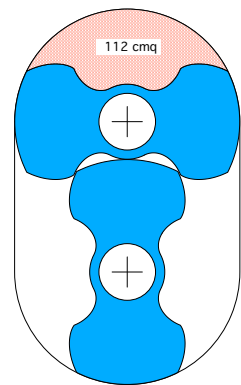


Main Features

Our production consists of two sizes denominated VL1 and VL2.
The type “S” is considered our standard, but it is possible to have the types “L” and “H” for lower and higher capacity.

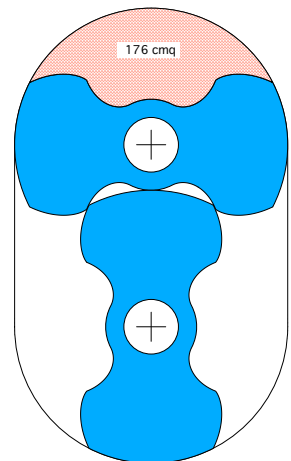
Model VL1	Nominal Flow Rate	Speed	Cubic Capacity	Installed Power (50Hz)	Pressure Performance
	Cubic Meter	RPM (ratio)	cc	Kw	Bar
L	14	28 (50,32)	8512	5,5	5
S	20	40 (36,00)	8512	7,5	5
H	31	61 (22,70)	8512	7,5	5

VL1

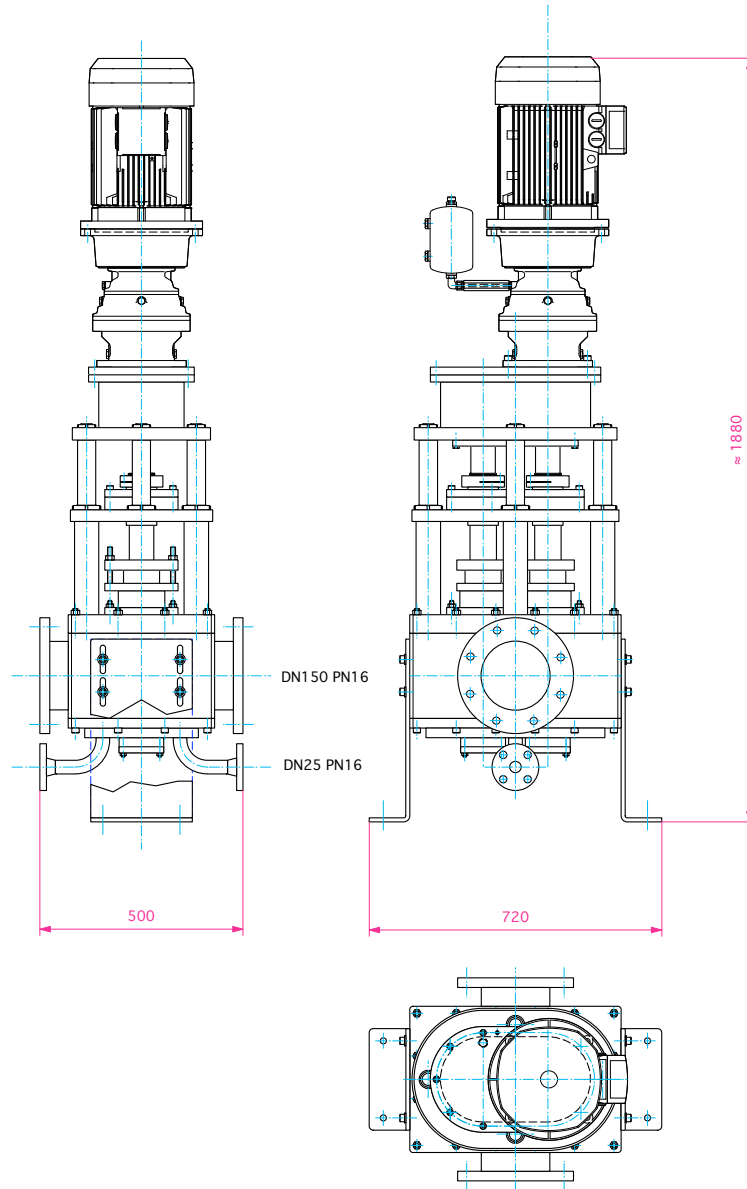


Model VL2	Nominal Flow Rate	Speed	Cubic Capacity	Installed Power (50Hz)	Pressure Performance
	Cubic Meter	RPM (ratio)	cc	Kw	Bar
S	45	40 (36,00)	19021	9,2	5
H	70	61 (22,70)	19021	15	5

VL2



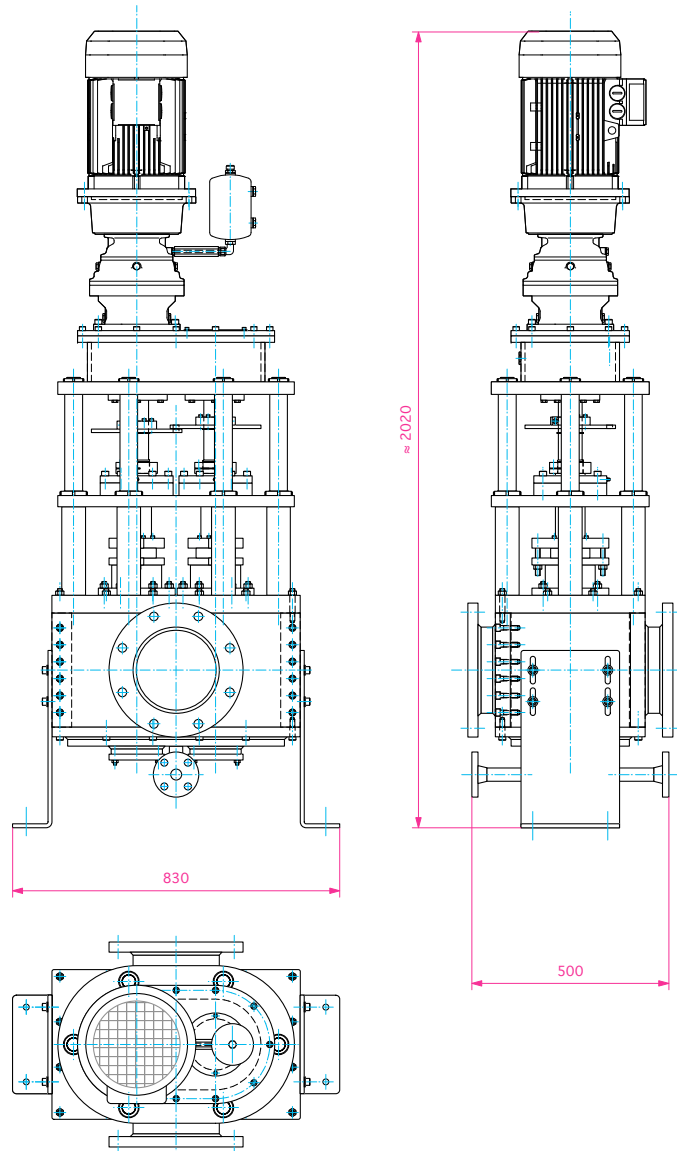
VL1 Standard Dimensions



If required, it is possible to have different connections as shown in the following table

CONNECTION	METRIC STANDARD PN16	METRIC OPTION A PN16	METRIC OPTION B PN16	ASME - ASA STANDARD	ASME - ASA OPTION A	ASME - ASA OPTION B
PUMP INLET	DN150	DN150	DN150	6" #150	6" #150	6" #150
PUMP OULET	DN150	DN125	DN100	6" #150	5" #150	4" #150
OIL	DN25	DN25	DN25	1" #300	1" #300	1" #300

VL2 Standard Dimensions



If required, it is possible to have different connections as shown in the following table

CONNECTION	METRIC STANDARD PN16	METRIC OPTION A PN16	METRIC OPTION B PN16	ASME - ASA STANDARD	ASME - ASA OPTION A	ASME - ASA OPTION B
PUMP INLET	DN200	DN150	DN150	8" #150	6" #150	6" #150
PUMP OULET	DN200	DN150	DN125	8" #150	6" #150	5" #150
OIL	DN25	DN25	DN25	1" #300	1" #300	1" #300