

## 1 Main use

Vertical pumps type PB 10.24 are progressive cavity pumps for tanks and are used on oil and gas fields in Romania to discharge oil and collected leaks.

## 2 Symbols

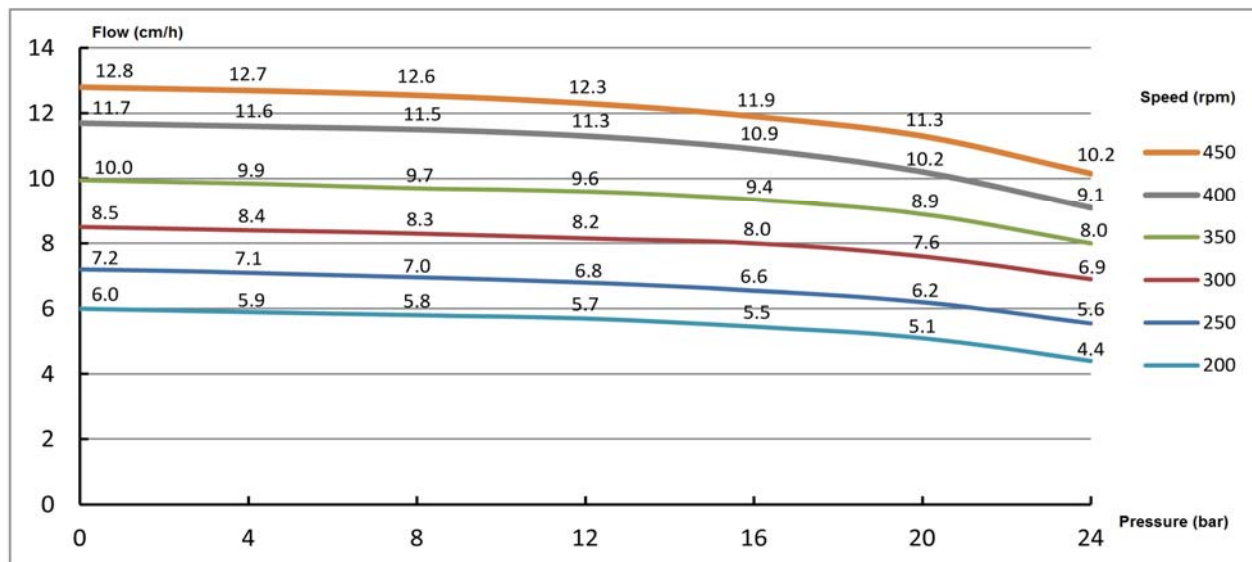
### Pump type PB 10.24

Symbol	<b>PB</b>	<b>10</b>	<b>24</b>
Description	<b>Tank pump</b>	<b>Maximum flow at maximum pressure</b>	<b>Maximum pressure</b>

## 3 Technical characteristics

Motor	7,5 kW / 400 ; 500 V / Ex.dII CT4
Motor speed	960 rpm
Pump speed	200-450 rpm
Belts type	XPA - 1700
Number of belts	3
Maximum discharge pressure	24 bar

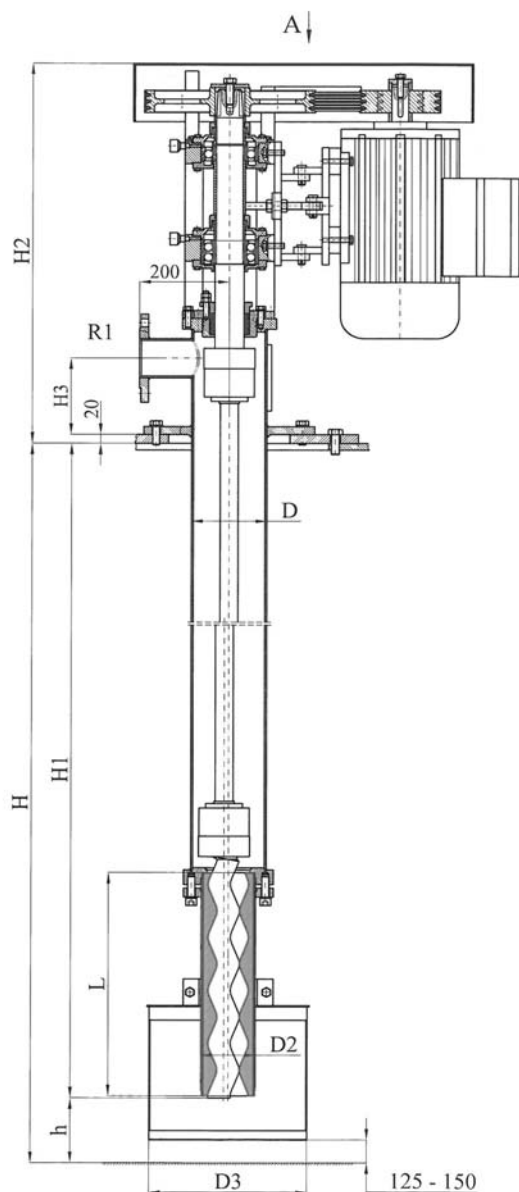
## 4 Pump graph



### Note

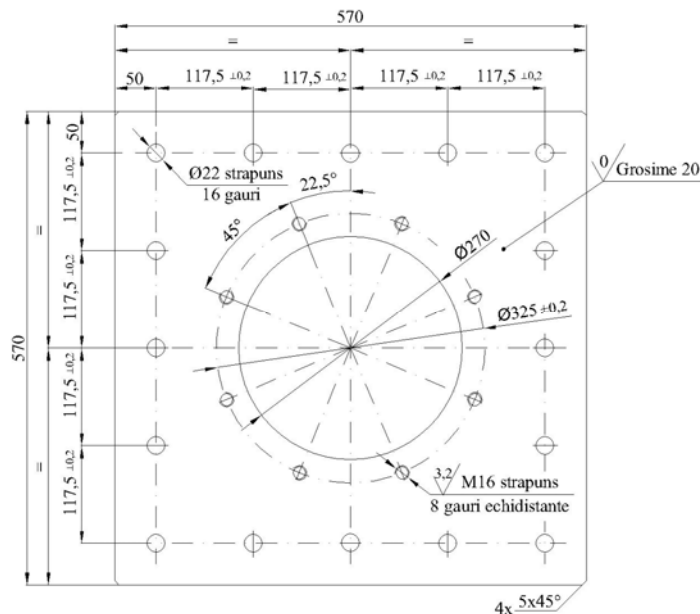
The above diagram shows theoretical performance of this pump type and provides a good orientation when selecting a pump. Actual diagram related to a specific pump serial number is built during testing on the bench stand of that particular pump and is available with the delivery documents.

## 5 Dimensions for installation



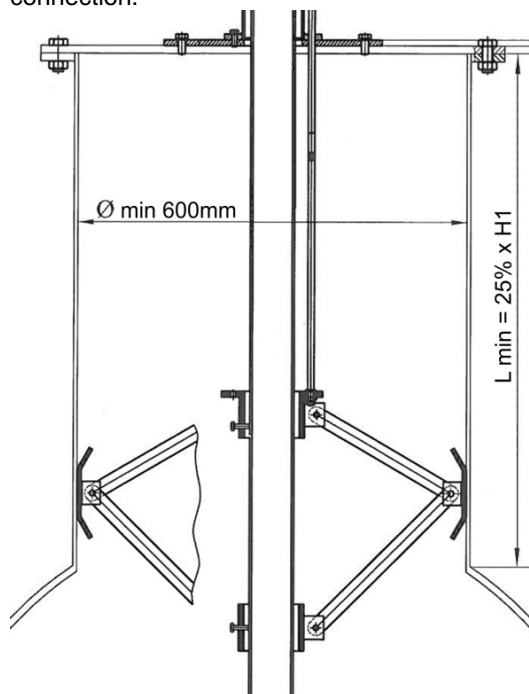
Type	TANK PUMP - HEIGHT 4000 – 2000 mm											
	B	C	D	D2	D3	h	H	H1	H2	H3	L	R1
PB10.24	440	750	168	121	350	208	4000	3792	860	173	985	Dn80/Pn16
							3500	3292				
							3300	3092				
							3000	2792				
							2700	2492				
							2300	2092				
							2000	1792				

Mounting plate (provided by CONFIND)



### Important

1) If the pump is installed on a metallic container or tank that has the nozzle by which the pump is inserted with a diameter of at least 500 mm and a length of at least 25% of H1, the pump will be delivered with reinforced device on the connection.



2) If the filed situation does not ensure the requirement of 1<sup>st</sup> paragraph, the beneficiary will resolve the pump's reinforcement on location by its own.

3) If the pump is installed on a basin that does not have coupling nut (eg. concrete tank), the beneficiary will resolve the pump's reinforcement on location by its own.