

## 1 Main use

Vertical pumps type PB 60.12 are progressive cavity pumps for tanks and are used on oil and gas fields in Romania to discharge oil and collected leaks.

## 2 Symbols

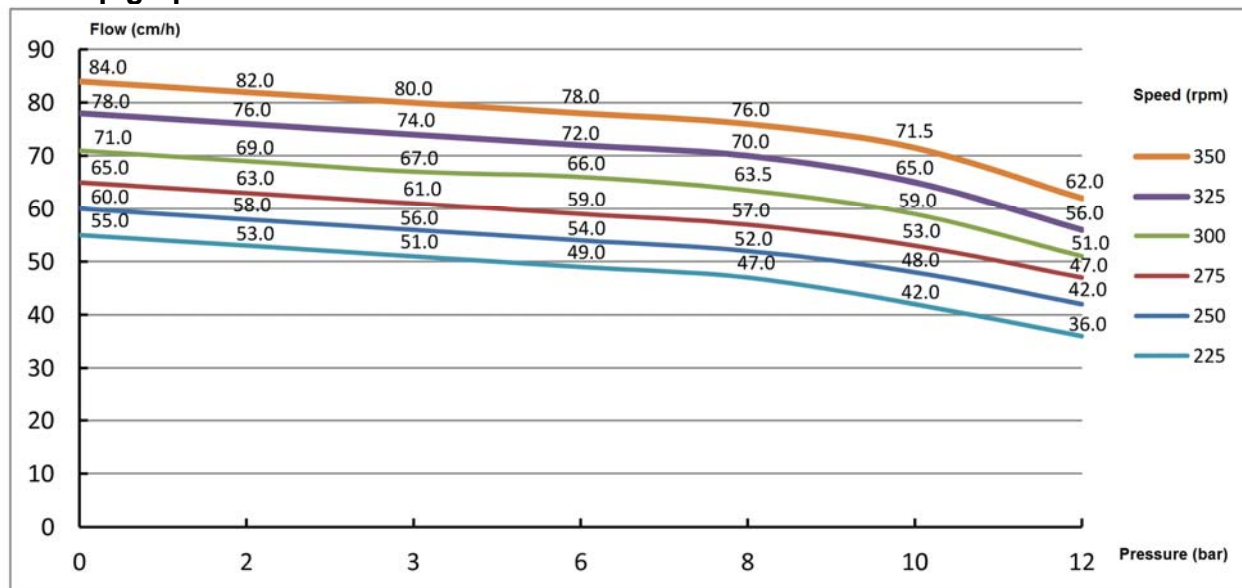
### Pump type PB 60.12

Symbol	<b>PB</b>	<b>60</b>	<b>12</b>
Description	<b>Tank pump</b>	<b>Maximum flow at maximum pressure</b>	<b>Maximum pressure</b>

## 3 Technical characteristics

Motor	30; 37 kW / 400 ; 500 V / Ex.dII CT4
Motor speed	1000 rpm
Pump speed	200-350 rpm
Belts type	XPB - 1800
Number of belts	5
Maximum discharge pressure	12 bar

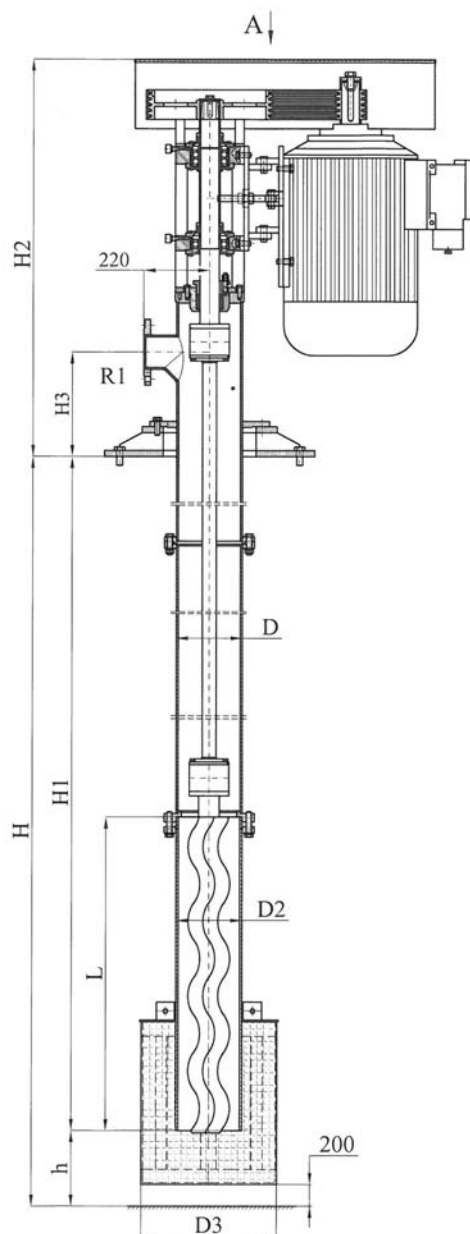
## 4 Pump graph



### Note

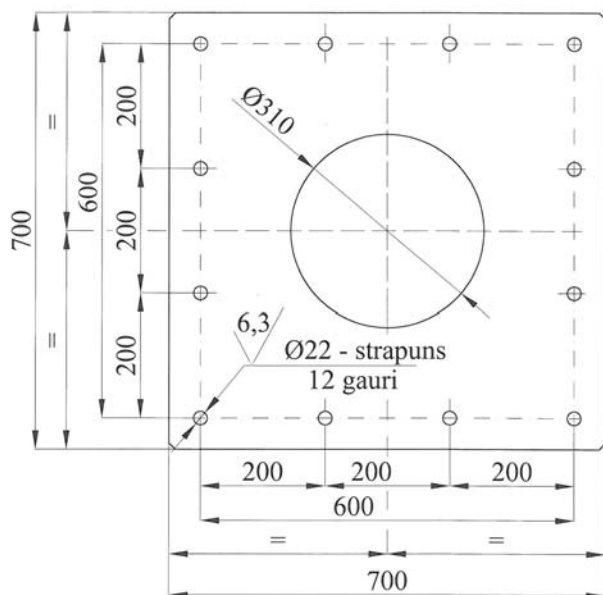
The above diagram shows theoretical performance of this pump type and provides a good orientation when selecting a pump. Actual diagram related to a specific pump serial number is built during testing on the bench stand of that particular pump and is available with the delivery documents.

## 5 Dimensions for installation



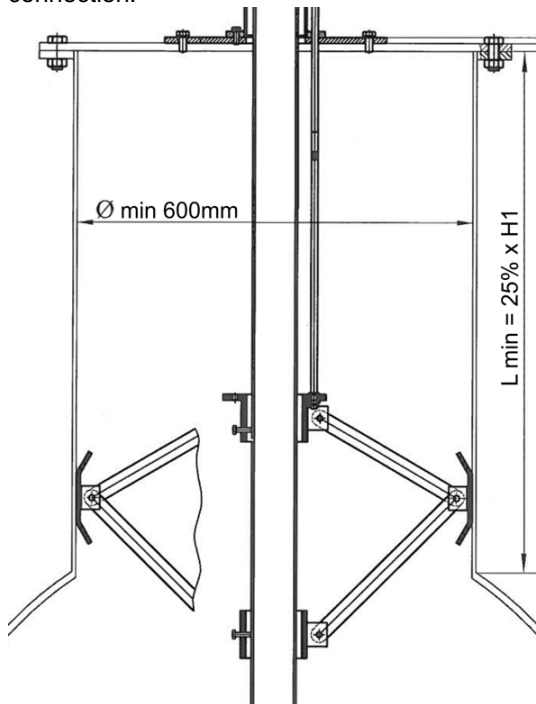
Type	TANK PUMP - HEIGHT 4000 – 2000 mm											
	B	C	D	D2	D3	h	H	H1	H2	H3	L	R1
PB60.12	600	1000	219	219	450	380	4000	3620	1330	350	1050	Dn100/Pn16
							3600	3220				
							3500	3120				
							3400	3020				
							3100	2720				
							3000	2620				
							2600	2220				
							2500	2120				
							2000	1620				

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 field 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.