

 S.C.CONFIND S.R.L. CÂMPINA	DATA SHEET VERTICAL PROGRESSIVE CAVITY PUMPS TYPE PB 10.12	Date : April 2013	Sheet: 1 / 3
		Code : P3888-00-FT	

1 Main use

Vertical pumps type PB 10.12 are progressive cavity pumps for tanks and are used on oil and gas fields in Romania to discharge oil and collected leaks.

2 Symbols

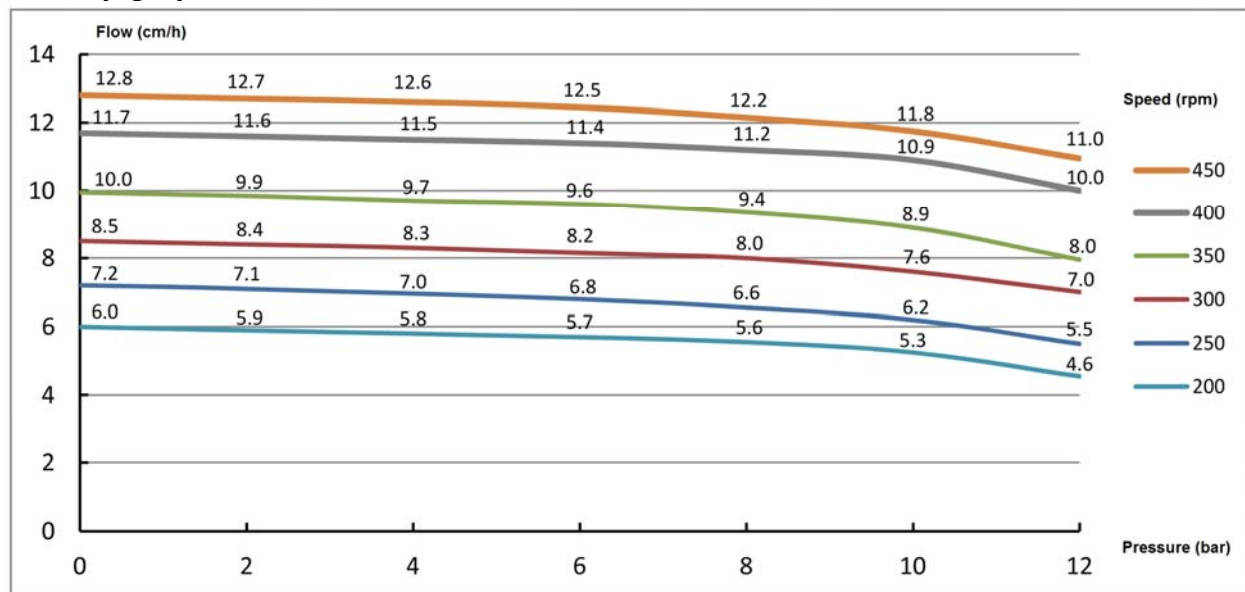
Pump type PB 10.12

Symbol	PB	10	12
Description	Tank pump	Maximum flow at maximum pressure	Maximum pressure

3 Technical characteristics

Motor	5,5 kW / 400 ; 500 V / Ex.dII CT4
Motor speed	955 rpm
Belts type	XPA - 1600
Number of belts	3
Maximum discharge pressure	12 bar

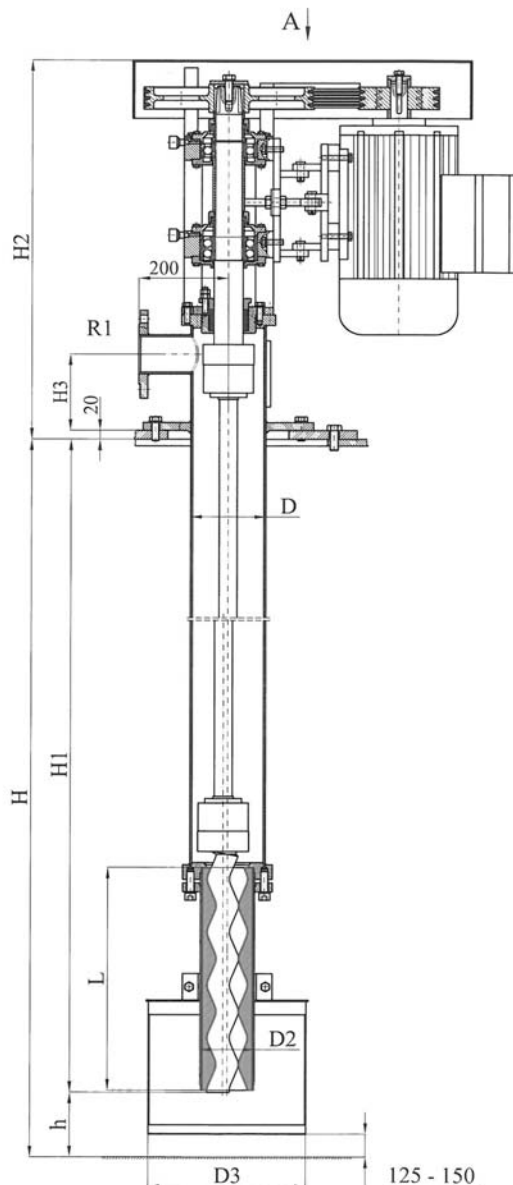
4 Pump graph



Note

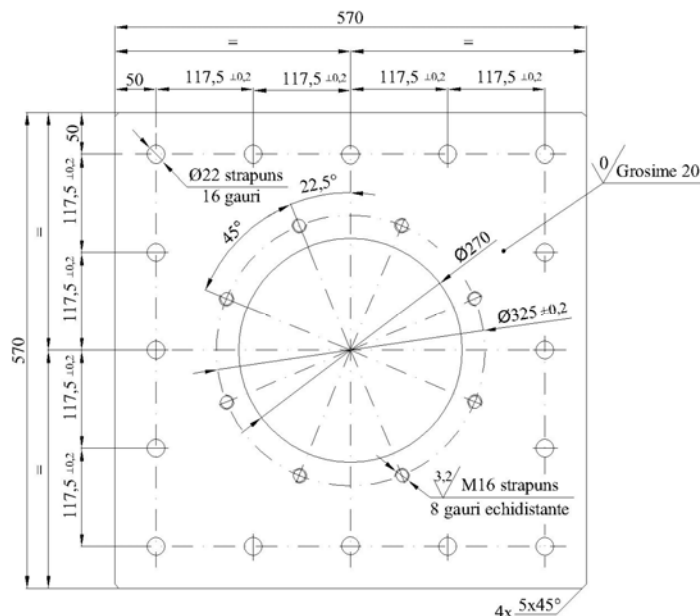
The above diagram shows theoretical performance of this pump type and provides a good orientation when selecting a pump. Actual diagram related to a specific pump serial number is built during testing on the bench stand of that particular pump and is available with the delivery documents.

5 Dimensions for installation



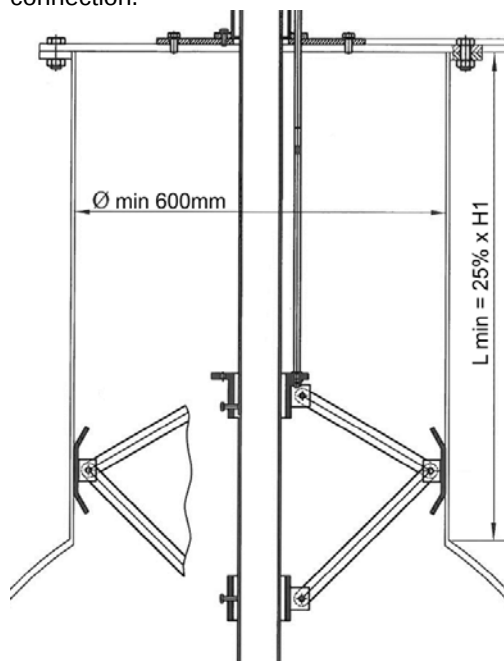
Type	TANK PUMP - HEIGHT 4000 – 2000 mm											
	B	C	D	D2	D3	h	H	H1	H2	H3	L	R1
PB10.12	440	750	168	121	350	208	4000	3792	860	173	505	Dn80/Pn16
							3500	3292				
							3300	3092				
							3000	2792				
							2700	2492				
							2300	2092				
							2000	1792				

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 lenght 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 1st 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.