



Application:

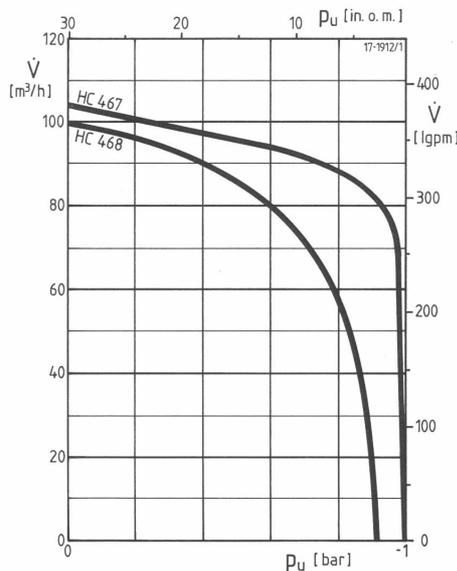
Construction Industry – General Industry – Municipalities - Conveying of ground water

Operation and Design:

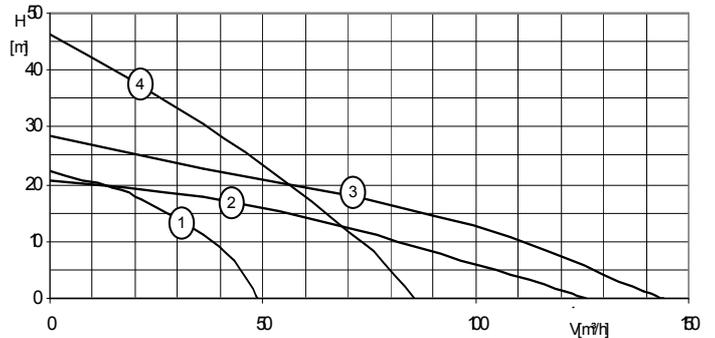
The electric driven water- and vacuum-pump provide a continuously flow of the water-air mixture. Within the large-volume vessel a separation of air and water takes place. The water will be discharged by a reliable GRINDEX submersible pump and the vacuum is built up by a dry-running rotation vacuum generator and therefore maintenance-poor.

Noise level: 52 dB(A) only.

The unit is equipped with a single-axle chassis for construction-site-traffic ($v_{max} = 6 \text{ km/h}$)



Vacuum pump: refer: suction pressure



Water pump: refer: $p_u = 0 \text{ bar}$ low pressure

Curve	Type	Water pump				Vacuum pump		Engine		Shipping data aprox.	
		Capacity	Head	Connection	Corn size max.	Capacity	Vacuum	Power input		Lengthxwidthxheight without drawbar	Weight
		V_{max}	H_{max}	DN_s DN_D	\varnothing	V_{max}	p_{umax}	P_N	P_{max}	l x b x h mm	M Kg
		m^3/h	m	mm	mm	m^3/h	bar	kW	kW		
1	HC 468/05	49	22	2 x 108 male 1 x 108 male	9	100	-0,92	6,4	6,4	1595 x 1340 x 1470	493
2	HC 468/15	126	21	2 x 108 male 1 x 108 male	10	100	-0,92	8,3	8,3	1595 x 1340 x 1470	506
3	HC 468/25	144	28	2 x 159 male 1 x 159 male	10	100	-0,92	11,2	11,2	1595 x 1340 x 1470	515
4	HC 468/35	86	46	2 x 108 male 1 x 108 male	10	100	-0,92	11,0	11,0	1595 x 1340 x 1470	512

Voltage 400 V / 3 phases

Subject to change without prior notice!

HÜDIG - your partner to solve water problems.

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