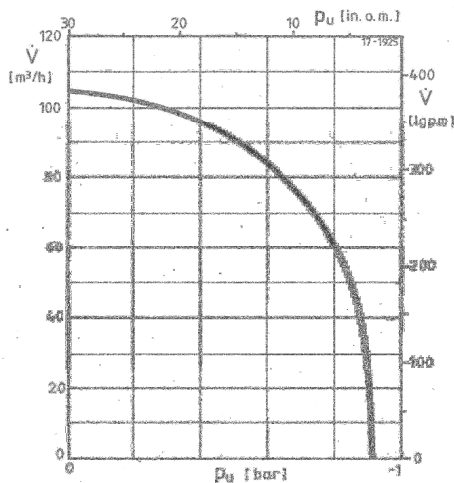
**Application:**

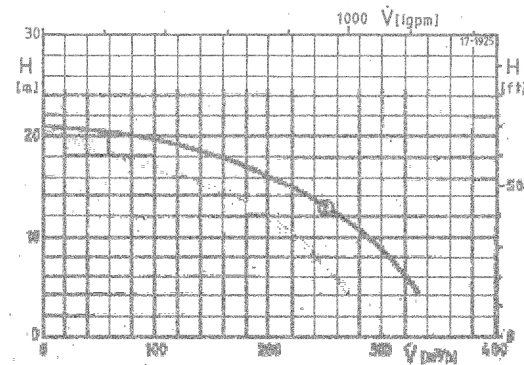
Construction Industry – General Industry –  
Municipalities - Conveying of ground water

**Operation:**

The diesel driven water pump and vacuum generator provide a constant delivery of a water-air-mixture. The air separation chamber which is connected in series before the water pump separates the air which entered together into the conveying pipe from the water. So that the water pump will only discharge water. Through this combined system a safe and fast conveying and a high vacuum are reached.



Vacuum pump: refer: suction pressure



Water pump: refer:  $p_u = 0$  bar low pressure

**Design:**

- mounted on a single axle chassis with integrated fuel tank for construction-site-traffic (max. 6 km/h)
- Fuel tank capacity for 24 hours
- Impeller material: bronze
- Rotation vacuum generator without oil lubrication – maintenance poor
- HC 551/09 with encapsulated engine

Type	Water pump				Vacuum pump		Engine				Shipping data approx.	
	Capa- city	Head	Connection	Corn size max.	Capa- city	Vacuum	Brand	Type	Power output	Speed	Lengthxwidthxheigh t	Weight
	$V_{max}$	$H_{max}$	DN <sub>S</sub> DN <sub>D</sub>	∅					P	n		
	m³/h	m	mm	mm	m³/h	bar			kW	1/min		
HC 551/07	330	21	159 male	45	105	-0,92	Deutz	F3L912	22 <sup>1)</sup>	1500	2270 x 1580 x 1680	1125
HC 551/09	330	21	159 male	45	105	-0,92	Hatz	3L41C	20,6	1500	2270 x 1580 x 1680	1146

<sup>1)</sup> ICFN reduced for 45°C ambient temperature

Subject to change without prior notice!

## HÜDIG - your partner to solve water problems.

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**Absenk- und Beregnungsanlagen**

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