

Application:

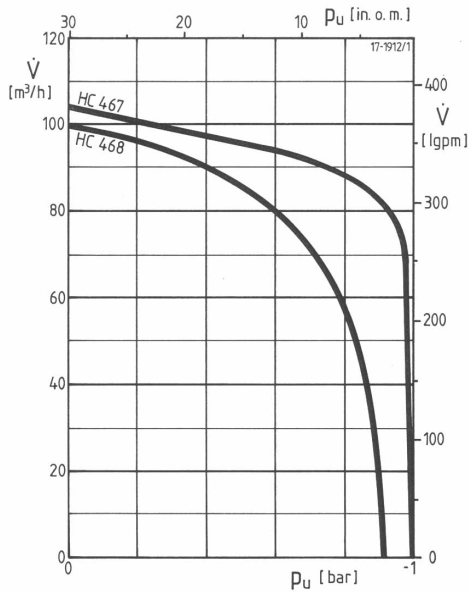
Construction Industry – General Industry – Municipalities - Conveying of ground water

Operation and Design:

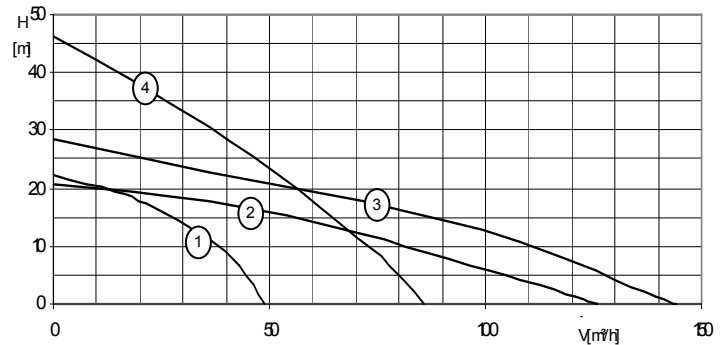
The electric driven water- and vacuum-pump provide a continuously flow of the water-air mixture. Within the large-volume vessel a separation of air and water takes place. The water will be discharged by a reliable GRINDEX submersible pump and the vacuum is built up by a rotation vacuum generator with a pressure less circulatory lubrication.

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 approx. | |
|-------|-----------|------------|-----------|------------------------------------|----------------|-------------|-------------|-------------|-----------|-------------------------------------|---------|
| | | Capacity | Head | Connection | Corn size max. | Capacity | Vacuum | Power input | | Lengthxwidthxheight without drawbar | Weight |
| | | V_{max} | H_{max} | DN _S DN _D | Ø | V_{max} | $p_{u,max}$ | P_N | P_{max} | l x b x h mm | m kg |
| | | m³/h | m | mm | mm | m³/h | bar | kW | kW | | |
| 1 | HC 467/05 | 49 | 22 | 2 x 108 male 1 x 108 male | 9 | 105 | -0,99 | 6,4 | 6,4 | 1595 x 1340 x 1470 | 457 |
| 2 | HC 467/15 | 126 | 21 | 2 x 108 male 1 x 108 male | 10 | 105 | -0,99 | 8,3 | 8,3 | 1595 x 1340 x 1470 | 470 |
| 3 | HC 467/25 | 144 | 28 | 2 x 159 male 1 x 159 male | 10 | 105 | -0,99 | 11,2 | 11,2 | 1595 x 1340 x 1470 | 479 |
| 4 | HC 467/35 | 86 | 46 | 2 x 108 male 1 x 108 male | 10 | 105 | -0,99 | 11,0 | 11,0 | 1595 x 1340 x 1470 | 476 |

Voltage 400 V / 3 phases

Subject to change without prior notice!

HÜDIG - your partner to solve water problems.

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