

# HV Series

Submersible Pumps  
Drainage & Vortex Submersibles



## Application

- Stormwater
- Septic treatment systems
- Waste / Greywater transfer
- Sump draining

## Features

- Stainless steel motor and pump shaft
- Double mechanical seal with oil barrier and lip seal
- Soft solids handling up to 15mm
- 10m power cable
- Thermal overload protection

## Construction

- Pump body: Cast iron
- Motor shaft: Stainless steel AISI 304
- Impeller: Technopolymer
- Mechanical seal: Double Ceramic – Graphite + Oil barrier
- Motor IP68 – Insulation class B
- Electric power cable HO5RN 10m with 3 pin

## Dimensions

Model	H (mm)	W (mm)	DN1	G.W (Kg)
<b>HV180-1</b>	340	160	32F	18.5
<b>HV180-1A</b>	340	160	32F	18.5
<b>HV180-AV</b>	340	230	32F	19.5

## Technical Data

Model	Power (P2) (kW)	Amps (A)	Max. FLOW (L/min)	Max. HEAD (m)	Cable (m)	Pump Style	Outlet	Solids Passage (mm)
<b>HV180</b>	0.18	1.5	133	7	10	Vortex	1-1/4"	15

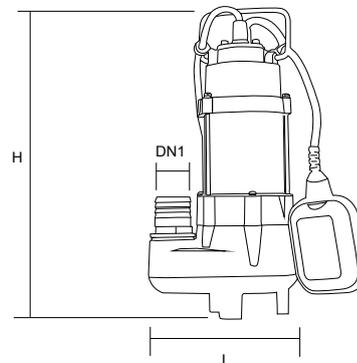
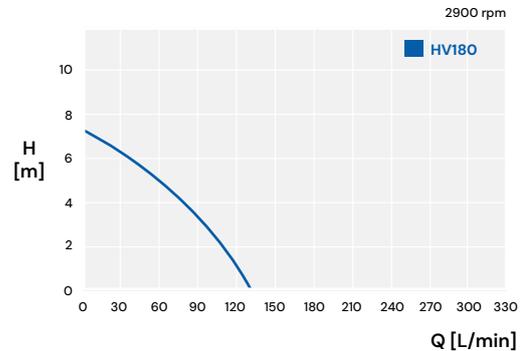


# HV180 - Vortex



**HV180-AV**  
with a vertical  
magnetic switch

## Performance



## HV450 – Vortex

## HV750 – Vortex

### Application

- Stormwater
- Septic treatment systems
- Waste / Greywater transfer
- Sump draining

### Features

- Stainless steel motor and pump shaft
- Double mechanical seal with oil barrier and lip seal
- Soft solids handling up to 15mm
- 10m power cable
- Thermal overload protection

### Construction

- Pump body: Cast iron
- Motor shaft: Stainless steel AISI 304
- Impeller: Cast iron
- Mechanical seal: Double Ceramic – Graphite + Oil barrier
- Motor IP68 – Insulation class B
- Electric power cable HO5RN 10m with 3 pin

### Dimensions

Model	H (mm)	W (mm)	DN1	G.W (Kg)
<b>HV450-1</b>	470	220	50F	18.1
<b>HV450-1A</b>	470	220	50F	18.1
<b>HV750-1</b>	490	220	50F	20.7
<b>HV750-1A</b>	490	220	50F	20.7

### Technical Data

Model	Power (P2) (kW)	Amps (A)	Max. FLOW (L/min)	Max. HEAD (m)	Cable (m)	Pump Style	Outlet	Solids Passage (mm)
<b>HV450</b>	0.45	3.8	200	8.5	10	Vortex	2"	25
<b>HV750</b>	0.75	5.5	300	10	10	Vortex	2"	25



### Performance

