

# VIP VORT DRENA-LINE

## DRAINAGE PUMP

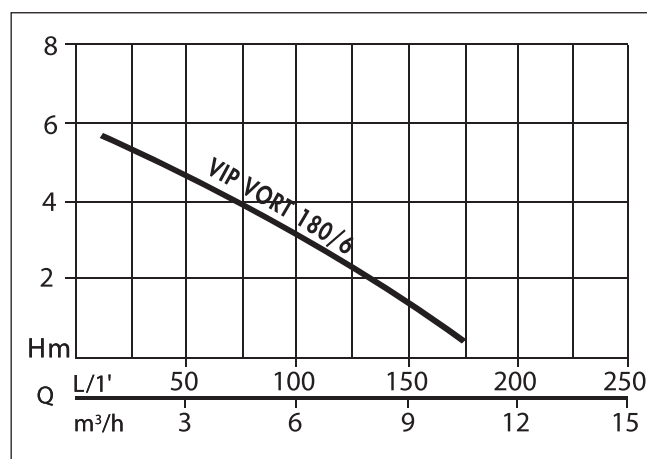
- Corrosion resistant construction
- Automatic operation
- Drainage level to 30 mm
- Moisture sealed cable inlet
- Max. particle size 25 mm
- Fluid temperature 35 °C
- Max. submergence 7 m
- Start/stop 370 mm/150 mm
- Maximum 30 starts per hour



### DESCRIPTION

Vip Vort submersible pumps for wastewater are an essential requirement when it is necessary to transfer water containing particles. They are particularly suitable for drainage of cess-pools, flood water removal and sewage transfer from sumps. Vip Vort pumps are designed for applications in dirty water with suspended solids up to 25mm.

### PERFORMANCE



Type	Delivery head H [m]	2	3	4	5
Vip Vort 180/6	Flow rate Q [m³/h]	8.0	6.2	4.2	1.9

We reserve the right to change specifications without notice.

This data is represented in the performance curve as a limit of application.

# VIP VORT

## DRAINAGE PUMP

### SCOPE OF SUPPLY

Pump ready for connection 1/4" MI BSP connection with 1/4" M&F elbow and adapter 1/4" FI BSP x barb to suit hoses ø 20 & 25 mm, cable and plug.

### MECHANICAL DATA

Pump	Vertical single-stage
Free passage	25 mm
Bearing	Ball bearings, grease-lubricated
Seal on motor side	Rotary shaft seal
Oil chamber	Yes
Seal on medium side	2-fold rotary shaft seal
Run dry protection	Yes

Shaft	Stainless steel
Impeller	Vortex impeller, GFK
Motor housing	Stainless steel
Pump housing	Polypropylene
Submersible	Yes
Pressure outlet	1 1/4" MI

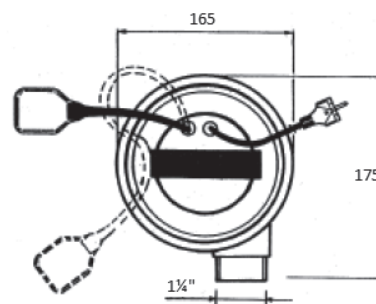
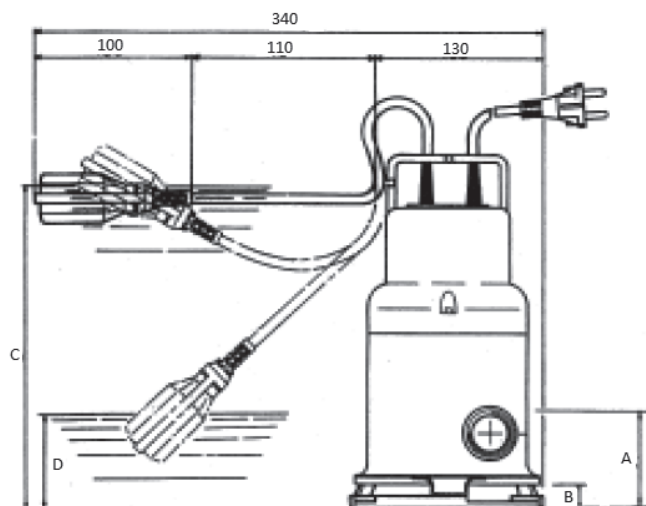
### ELECTRICAL DATA

Voltage	1/N/PE~230 V
Motor rating P1	0.48 kW
Current	2.1 A
Type of enclosure	IP 68
Insulation class	F

Winding thermostat	Yes
Motor protection	Integrated
Plug	3 flat-pin ANZ

Type	Code No.	Power line	Wires	Weight
With built-in level control Vip Vort 180/6, 10 m cable	<b>N2101090-AU</b>	10m H07RN8-F	3G1,0	4.2 kg

### Dimensions and switching points VIP VORT 180/6 (mm)



Type	A	B	C	D	DNM
VIP VORT 180/6	150	30	330	150	1/4"
START LEVEL (Auto)	330				
STOP LEVEL (Auto)	150				
MIN.PRIMING LEVEL	150				
MIN. SUCTION LEVEL (Manual)	30				