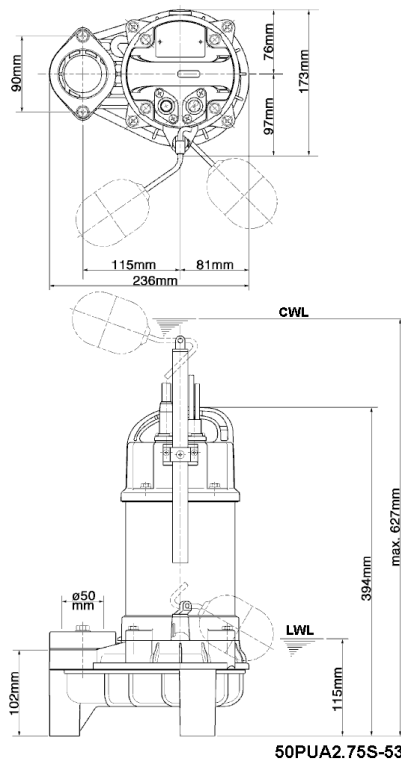
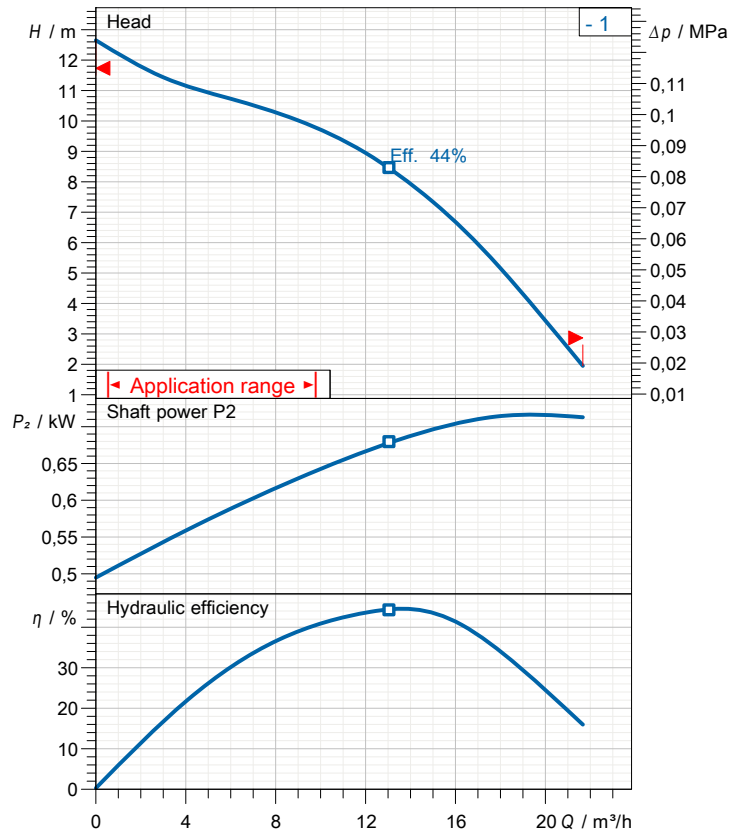


## Data sheet 50PUA2.75S-53



CWL: Continuous running water level  
 LWL: Lowest running water level



## Specification

Elektrische Tauchpumpe PU-Serie  
 Degree of protection IP 68  
 Pressure resistance max. 10 m  
 Type of impeller Vortex impeller  
 Free passage 35 mm  
 Suitable for:  
 sewage water, waste water, various waste water

## Electric motor

Dry-type submersible induction motor  
 Insulation class E 2Poles 2804 1/min  
 Starting mode  
 Rated voltage 230 V 50 Hz 1~  
 Power uptake 1,11 kW  
 Rated power 0,75 kW  
 Rated current 5,5 A  
 Start current

## Cable

10m H07RN-F 4Cx1,5mm<sup>2</sup>

## Motor Protection

Circle thermal protector  
 (snap-action bi-metal device)

## Shaft seal

Double inside mechanical seal in oil bath  
 additional lubrication by oil lifting device  
 Primary seal  
 Silicon carbide on ceramic  
 Secondary seal  
 Ceramic on carbon

## Bearings

Shielded ball bearings, maintenance-free

## Materials

Impeller	PPO-GF20
Pump casing	ABS-GF20
Motor Frame	SUS304 (EN-X5CrNi18-10)
Shaft	SUS304 (EN-X5CrNi18-10)

## Discharge size

50mm screwed-in mating flange

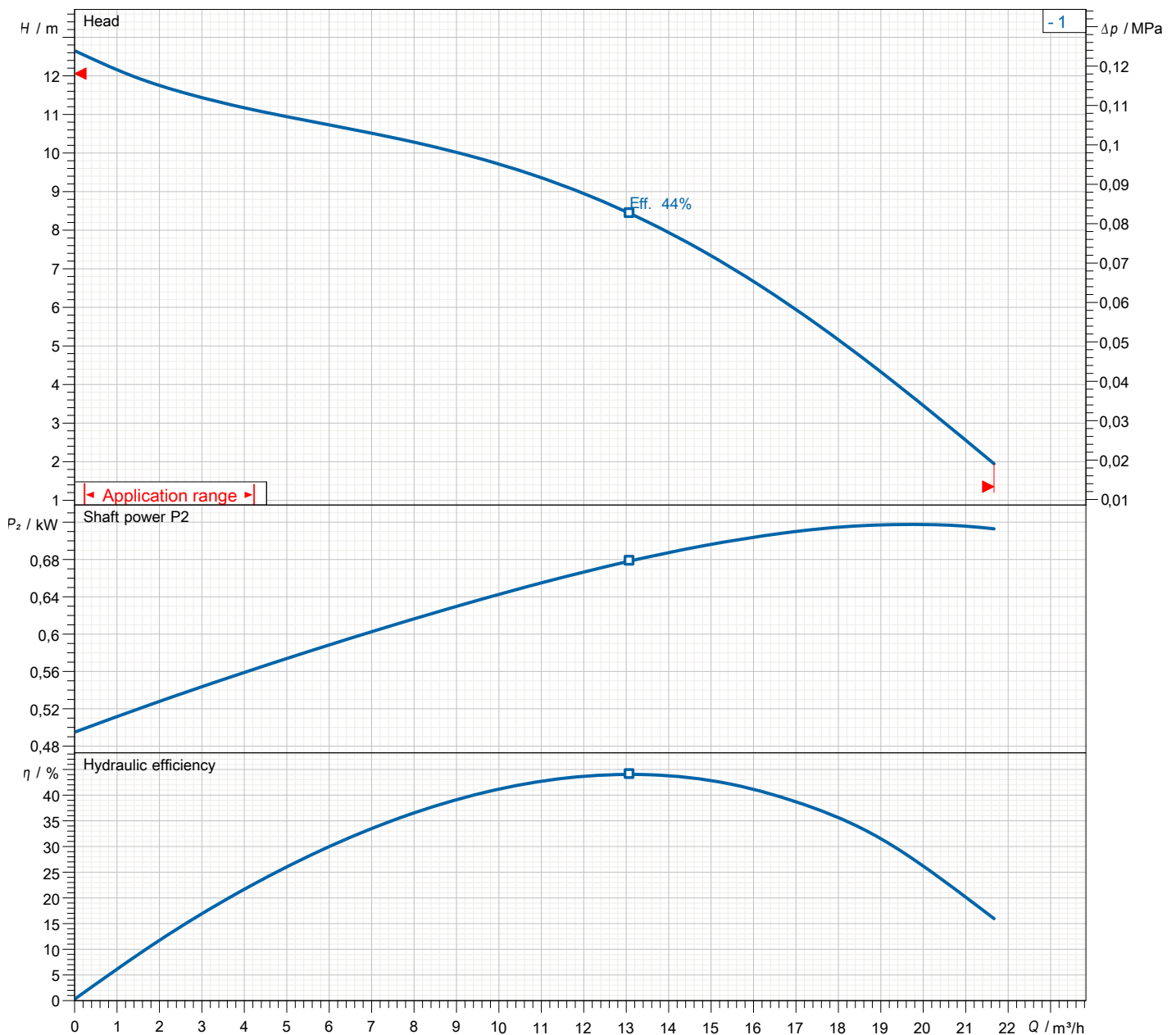
## Weight

9,5 kg (dry weight of the pump only without cable)

# Performance curve

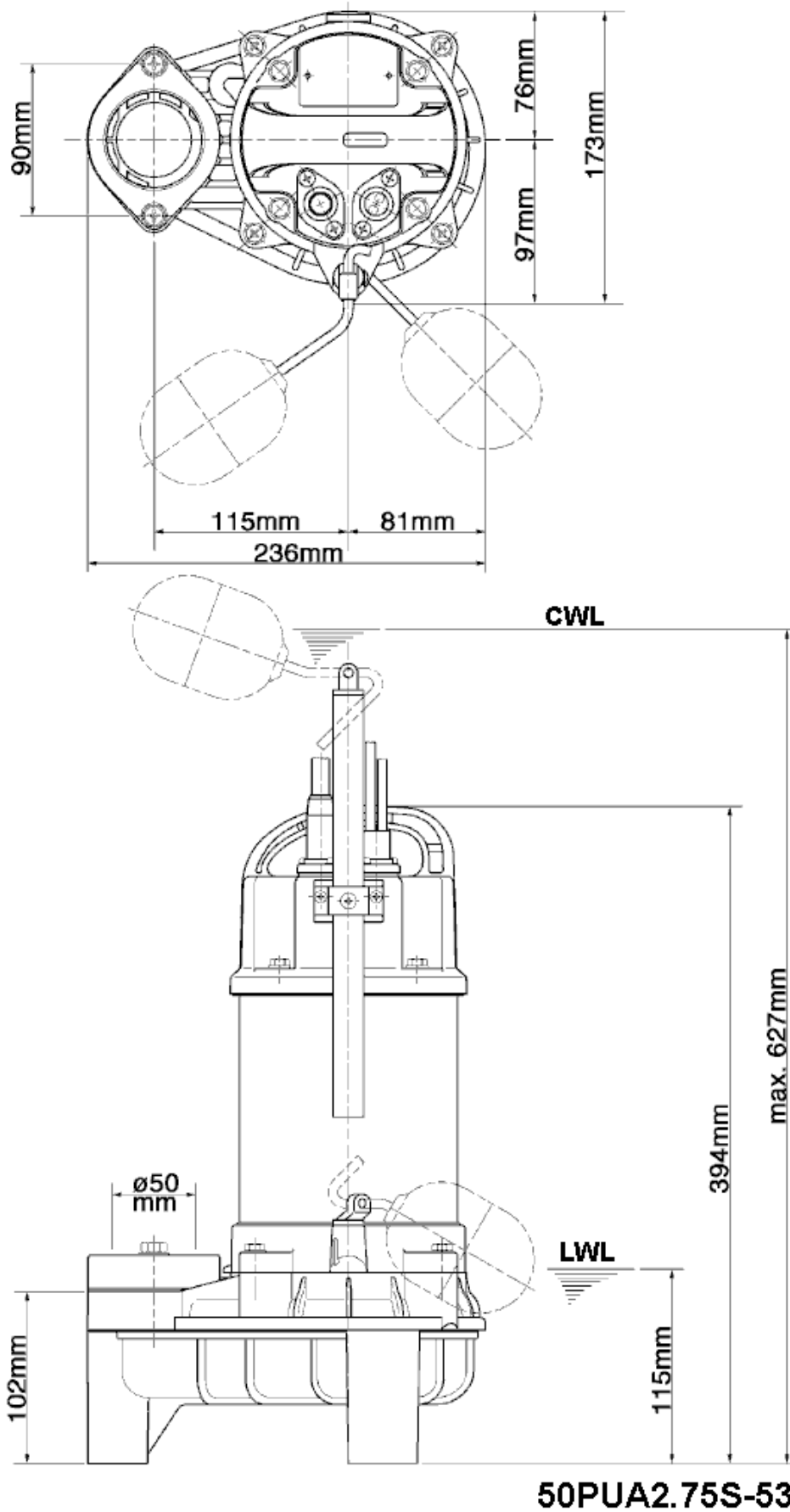
## 50PUA2.75S-53

Discharge port	2"
FördH	12,7 m
Flow	21,7 m³/h
Rated power	0,75 kW
Power input	1,11 kW
Phases	1~
Voltages	230 V
Frequency	50 Hz
Rated current	5,5 A
Starting current	
Number of poles	2
Speed	2804 1/min
Starting mode	
Insulation class	E



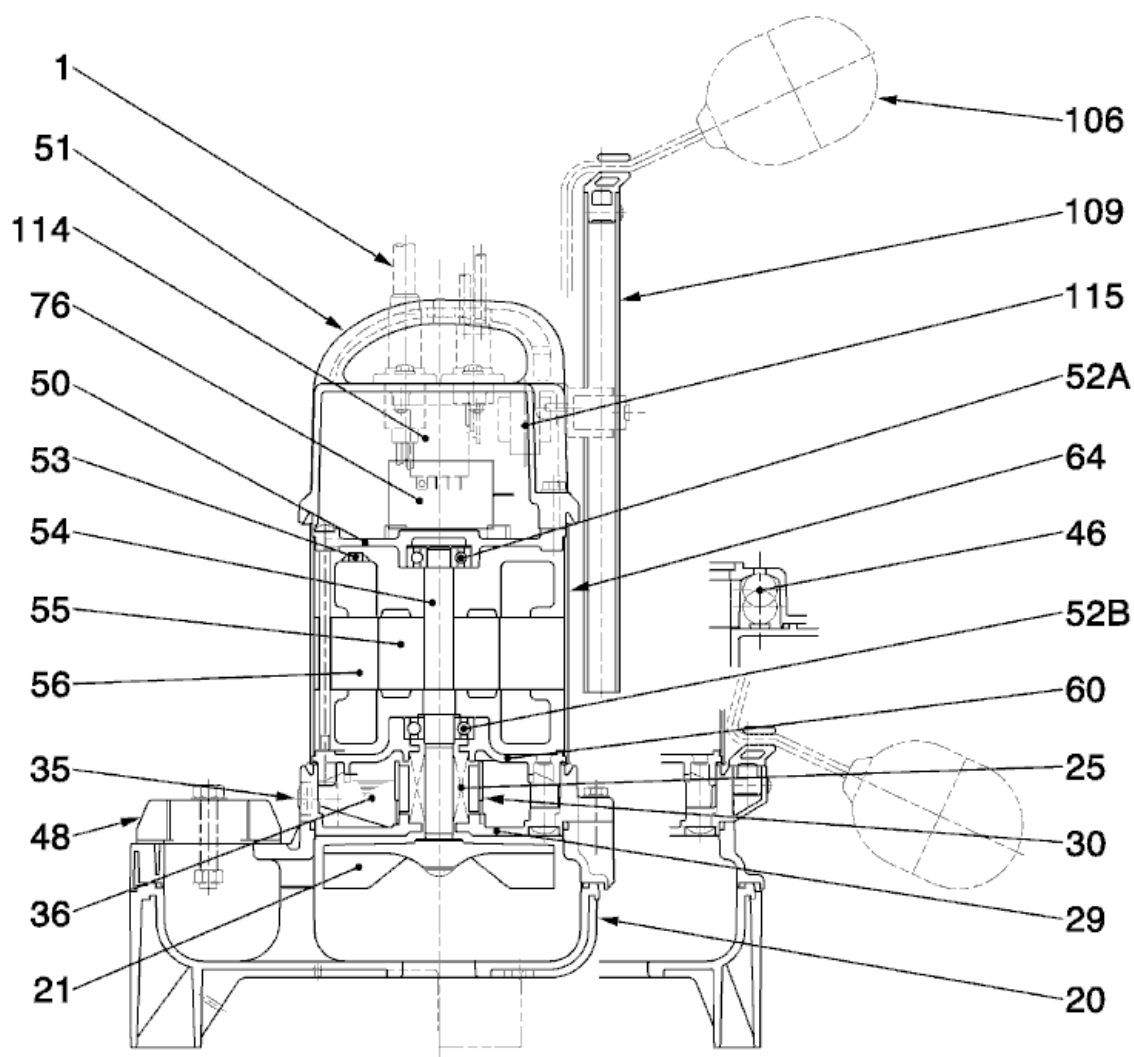
## Dimensions

### 50PUA2.75S-53



**CWL:** Continuous running water level  
**LWL:** Lowest running water level

# Sectional drawing 50PUA2.75S-53



**50PUA2.75S-53**

No.	Description	Remark	No.	Description	Remark
1	Cable	H07RN-F	55	Rotor	.
20	Pump casing	ABS-GF20	56	Stator	.
21	Impeller	PPO-GF20	60	Bearing Housing	Aluminium die casting
25	Mechanical seal	W-14HL	64	Motor Frame	SUS304 (EN-X5CrNi18-10)
29	Oil casing	PPS-(GF+MD)50	76	Condenser	.
30	Oil distributor	Plastic	106	Float switch (2x)	ABS
35	Oil screw	SUS304 (EN-X5CrNi18-10)	109	Support	PVC
36	Lubricant	White oil (ISO VG32)	114	Relais	.
46	Air vent valve	Glass bead	115	Transformator	.
48	Screwed Flange	PC(PBT-GF30)			
50	Motor cover	Steel plate			
51	Main cover	PPS-GF40			
52A	Upper bearing	6201ZZC3			
52B	Lower bearing	6302ZZC3			
53	Motor Protector 380/400/415V-50Hz	KA314-HRXL00 (H.C)			
54	Shaft	SUS304 (EN-X5CrNi18-10)			