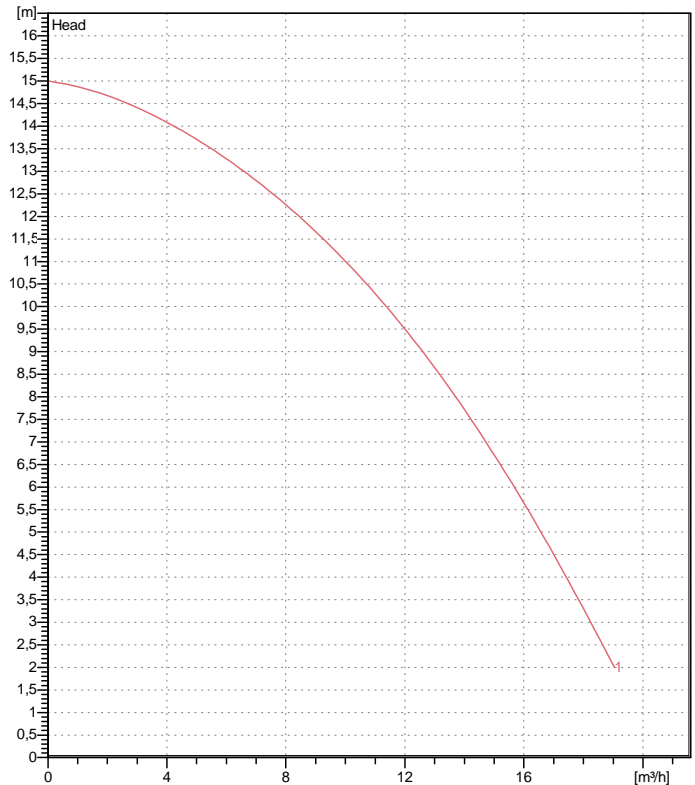
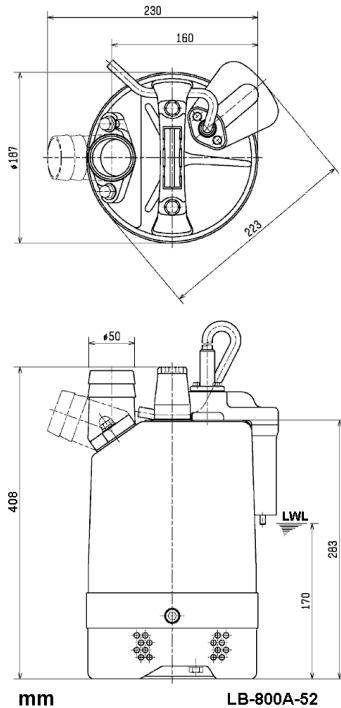


# Data sheet LB-800A-52



LWL: Lowest running water level

## Specification

Automatic electric submersible pump  
 Degree of protection IP 68  
 Depth of submersion max. 10 m  
 Type of impeller semi-vortex  
 Max. solid handling 6 mm  
 Suitable for:  
 spring-/rain-/font water, water containing sand

## Electric motor

Dry-type submersible induction motor  
 Insulation class E 2Poles 2730 1/min  
 Starting mode Directly  
 Rated voltage 230 V 50 Hz 1~  
 Power uptake 1,13 kW  
 Rated power 0,75 kW  
 Rated current 5 A  
 Start current 12,3 A

## Cable

10m H07RN-F 3Cx1mm<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 silicon carbide  
 Secondary seal  
 Carbon on ceramic

## Bearings

Shielded ball bearings, maintenance-free

## Materials

Impeller	Urethane rubber
Pump casing	BR + Natural Rubber
Motor Frame	Aluminium die casting
Shaft	SUS403 (EN-X6Cr13)

## Discharge size

2" (50mm) BS-Coupling (threaded flange)

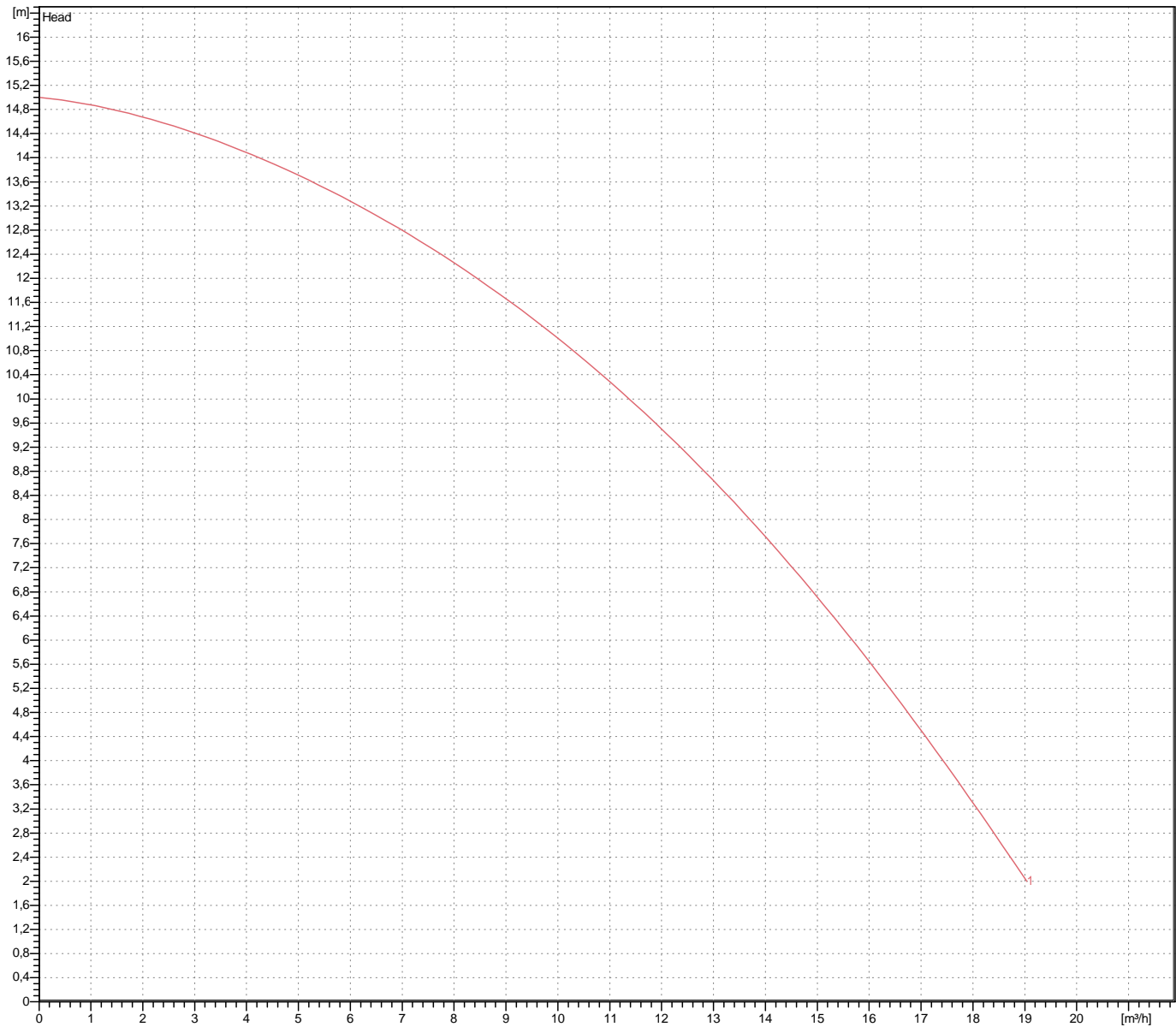
## Weight

13,7 kg (dry weight of the pump only without cable)

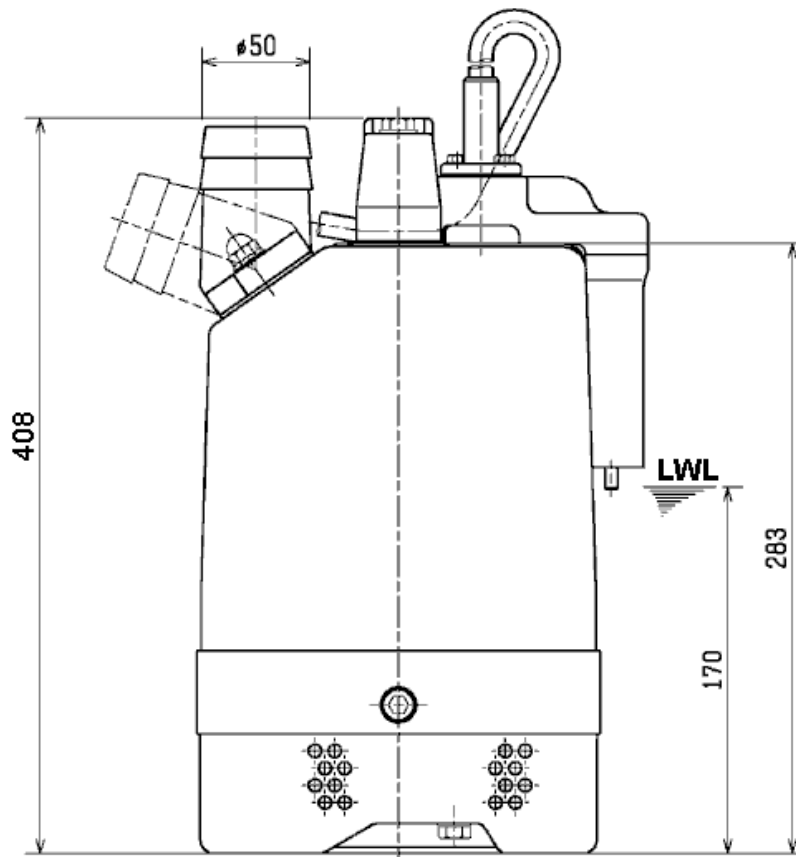
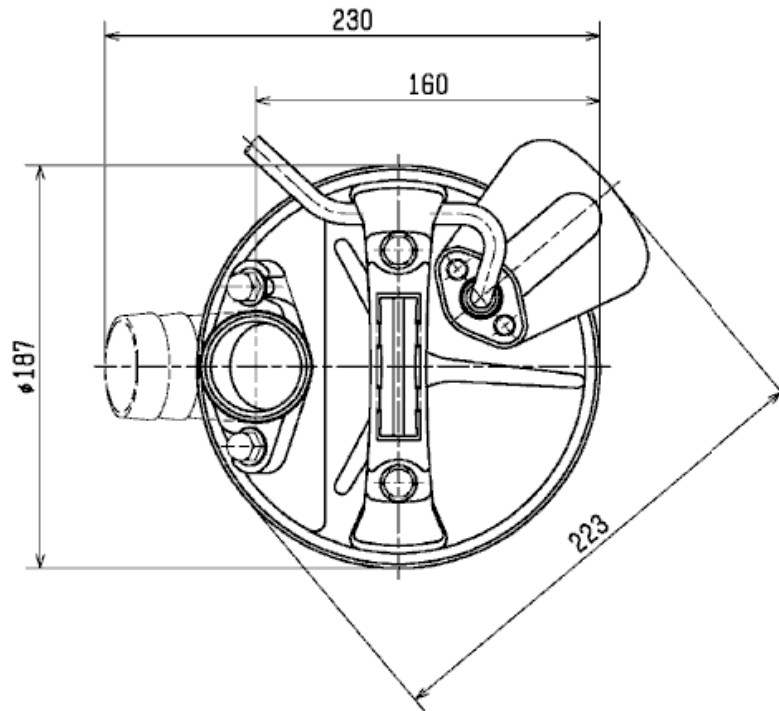
# Performance curve

## LB-800-52

Discharge port	2"
Head	15,0 m
Flow	19,0 m <sup>3</sup> /h
Rated power	0,75 kW
Power input	1,13 kW
Phases	1~
Voltages	230 V
Frequency	50 Hz
Rated current	5 A
Starting current	12,30 A
Number of poles	2
Speed	2730 1/min
Starting mode	Directly
Insulation class	E



# Dimensions LB-800A-52



mm

LB-800A-52

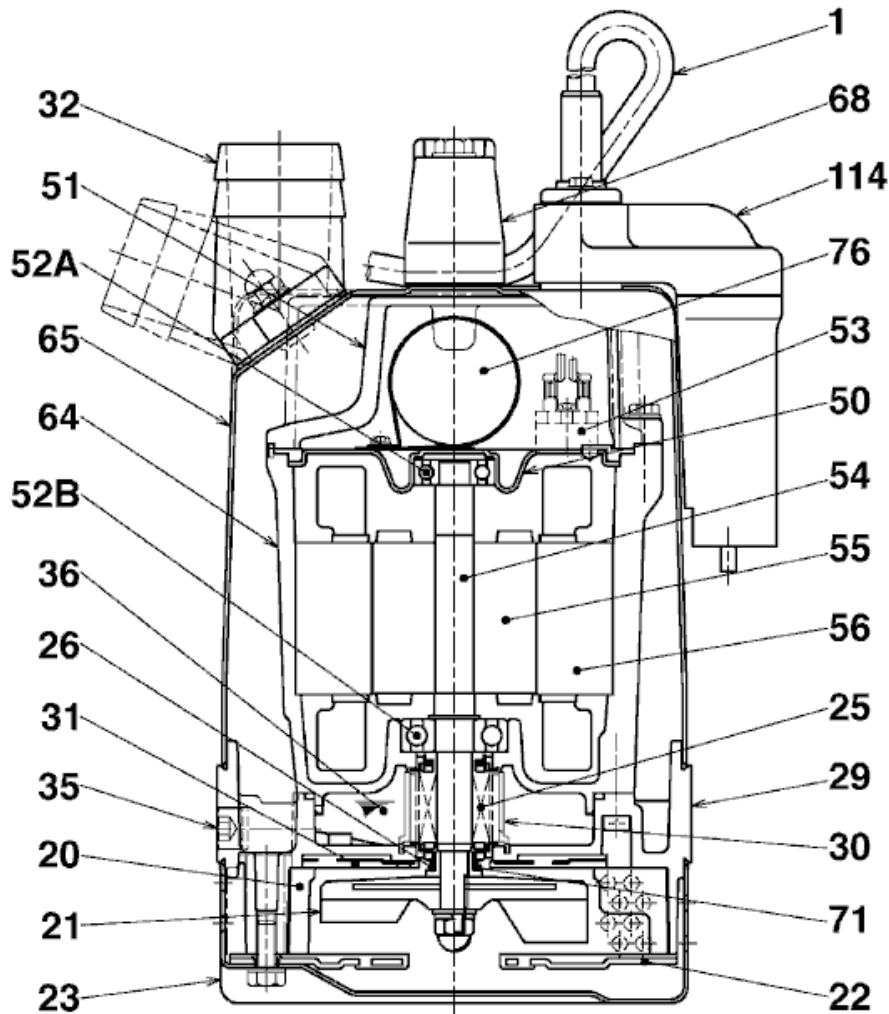
CWL: Continuous running water level  
LWL: Lowest running water level

 **TSURUMI PUMP**

Tsurumi Europe GmbH  
27.01.2016 V.18 / 1.10.2015

Heltorfer Str. 14 \* 40472 Düsseldorf \* Germany  
Tel.: +49-211-4179373 sales@tsurumi.eu  
Fax: +49-211-417937-480 www.tsurumi.eu

# Sectional drawing LB-800A-52



**LB-800A-52**

No.	Description	Remark	No.	Description	Remark
1	Cable	H07RN-F	52B	Lower bearing	6302ZZC3
20	Pump casing	BR + Natural Rubber	53	Miniature protector	.
21	Impeller	Urethane rubber	54	Shaft	SUS403 (EN-X6Cr13)
22	Suction cover	Steel plate + Urethane rubber	55	Rotor	.
23	Strainer	Steel plate	56	Stator	.
25	Mechanical seal	W-14VL	64	Motor Frame	Aluminium die casting
26	V-ring	NBR	65	Outer Cover	Steel plate
29	Oil casing	Aluminium alloy casting	68	Handle	Plastic
30	Oil distributor	Plastic	71	Shaft protection sleeve	SUS304 (EN-X5CrNi18-10)
31	Attrition plate	Urethane rubber	76	Condenser	.
32	Discharge coupling	Aluminium die casting	114	Electrode device	SBR
35	Oil screw	SUS304 (EN-X5CrNi18-10)			
36	Lubricant	Turbine oil (ISO VG32)			
50	Main cover	Steel plate			
51	Main cover	Aluminium die casting			
52A	Upper bearing	6201ZZC3			