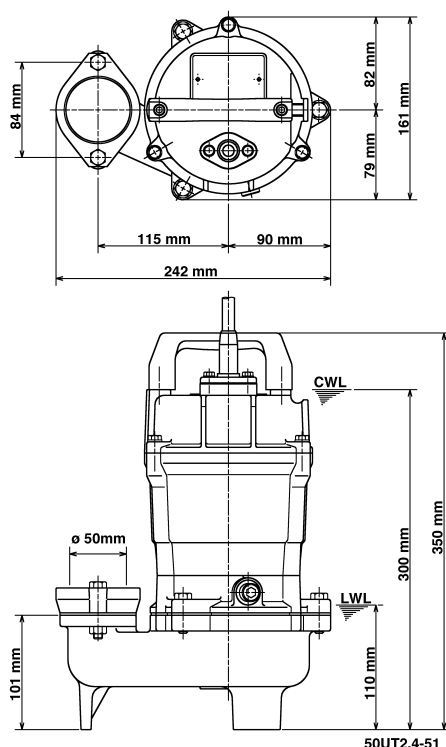
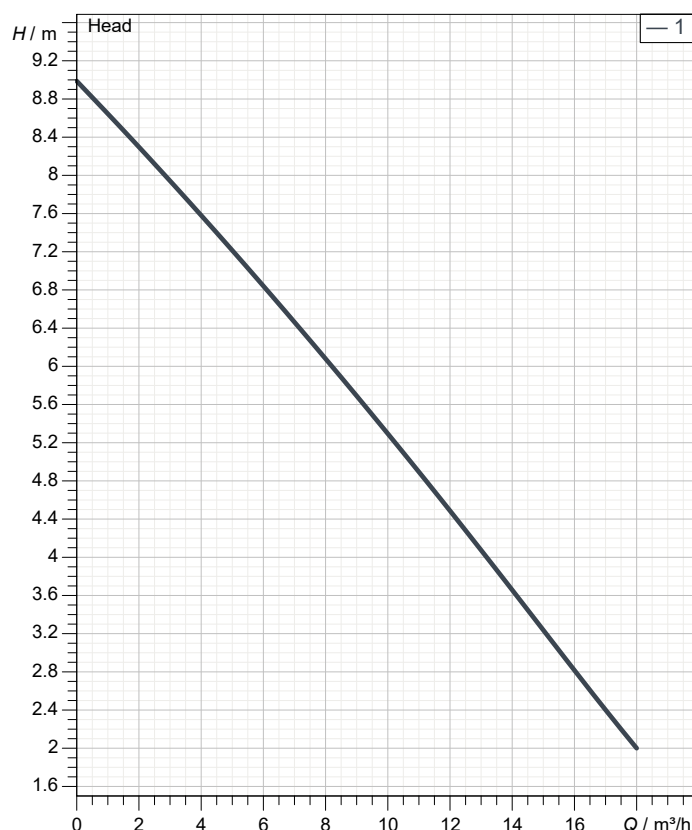


Data sheet 50UT2.4-51



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



Specification

Electric submersible pump UT-series
Degree of protection IP 68
Pressure resistance max. 10 m
Type of impeller Vortex impeller
Free passage 35 mm
Suitable for:
waste water and liquid carrying

Electric motor

Dry-type submersible induction motor
Insulation class E 2Poles 2816 1/min
Starting mode Direct starting
Rated voltage 400 V 50 Hz 3~
Power uptake 0.70 kW
Rated power 0.40 kW
Rated current 1.2 A
Start current 4.8 A

Cable

10m NSSHÖU 4Cx1,5mm²

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	FC200 (EN-GJL-200)
Motor Frame	FC200 (EN-GJL-200)
Shaft	SUS403 (EN-X6Cr13)

Discharge size

2" (50mm) screwed-in mating flange

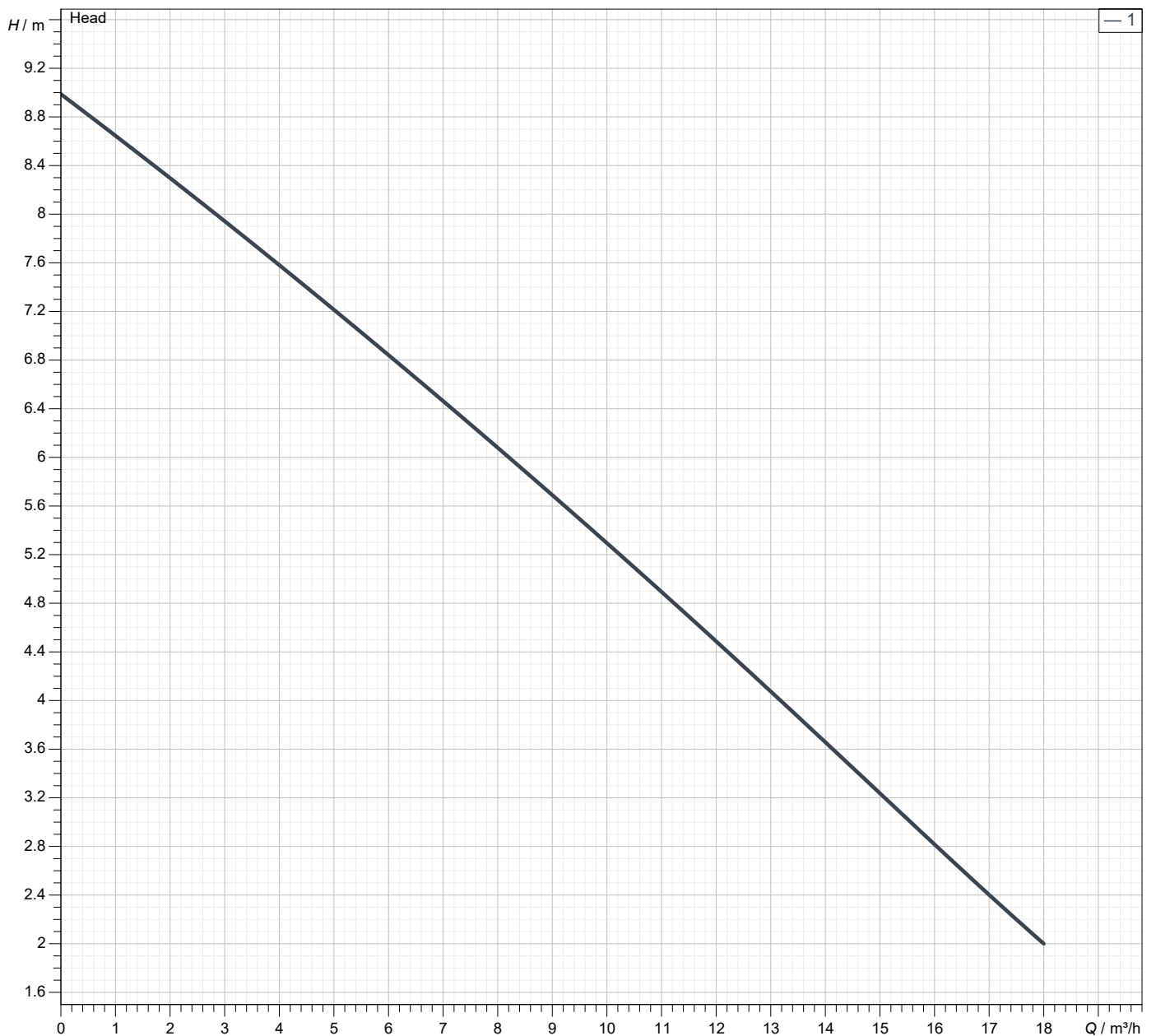
Weight

13.5 kg (dry weight of the pump only without cable)

Performance curve

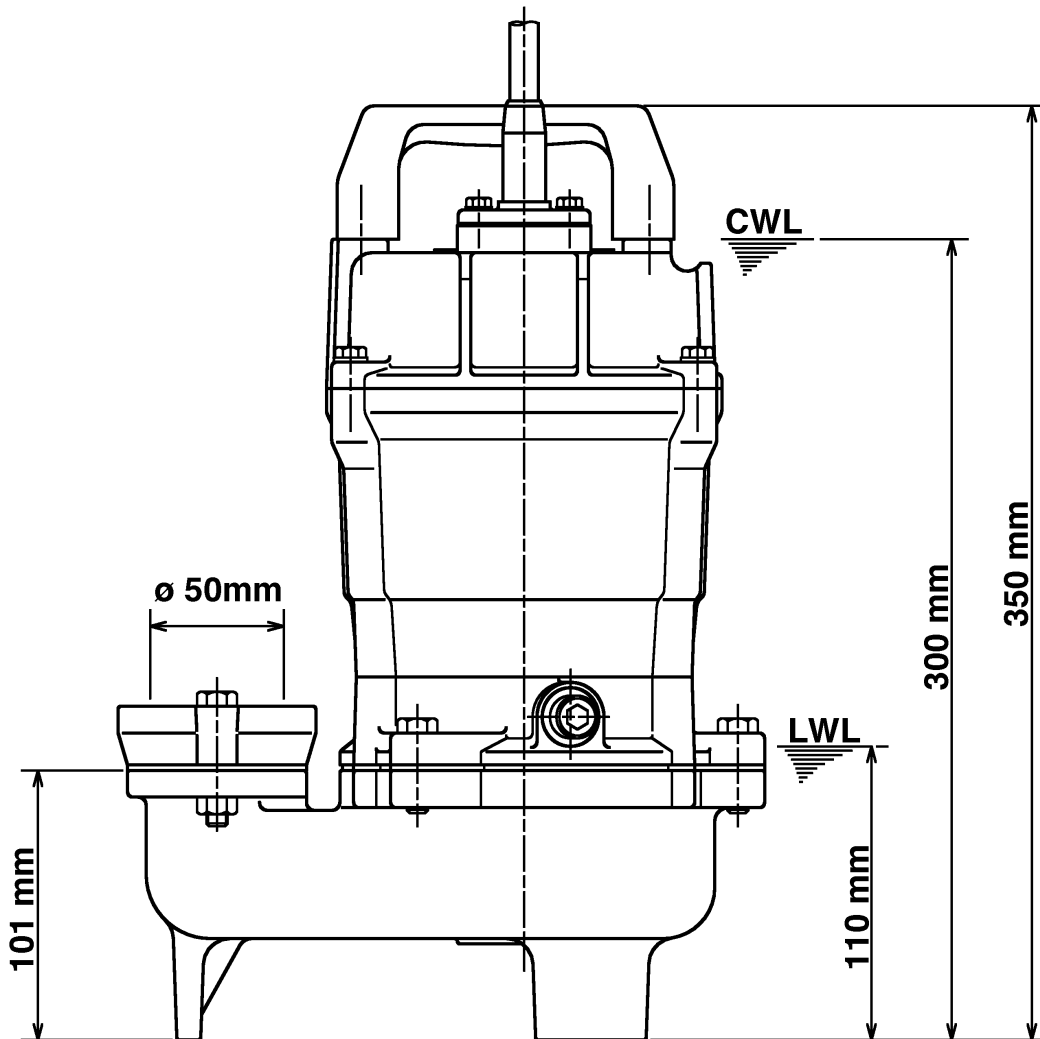
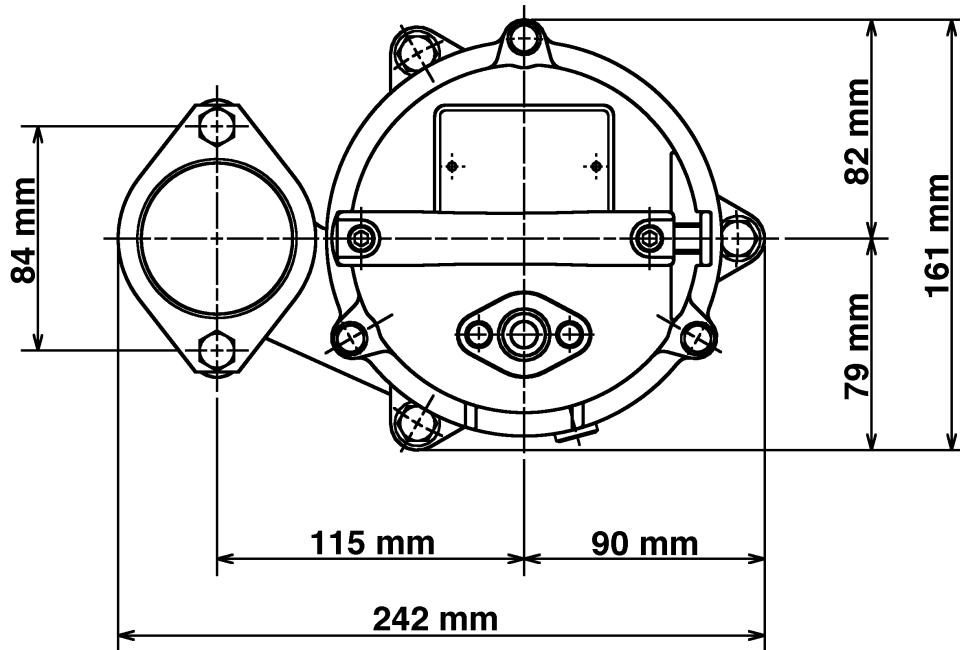
50UT2.4-51

Discharge port	2"
Head	9.0 m
Flow	18.0 m³/h
Rated power	0.40 kW
Power input	0.70 kW
Phases	3~
Voltages	400 V
Frequency	50 Hz
Rated current	1.2 A
Starting current	4.75 A
Number of poles	2
Speed	2816 1/min
Starting mode	Direct starting
Insulation class	E



Dimensions

50UT2.4-51

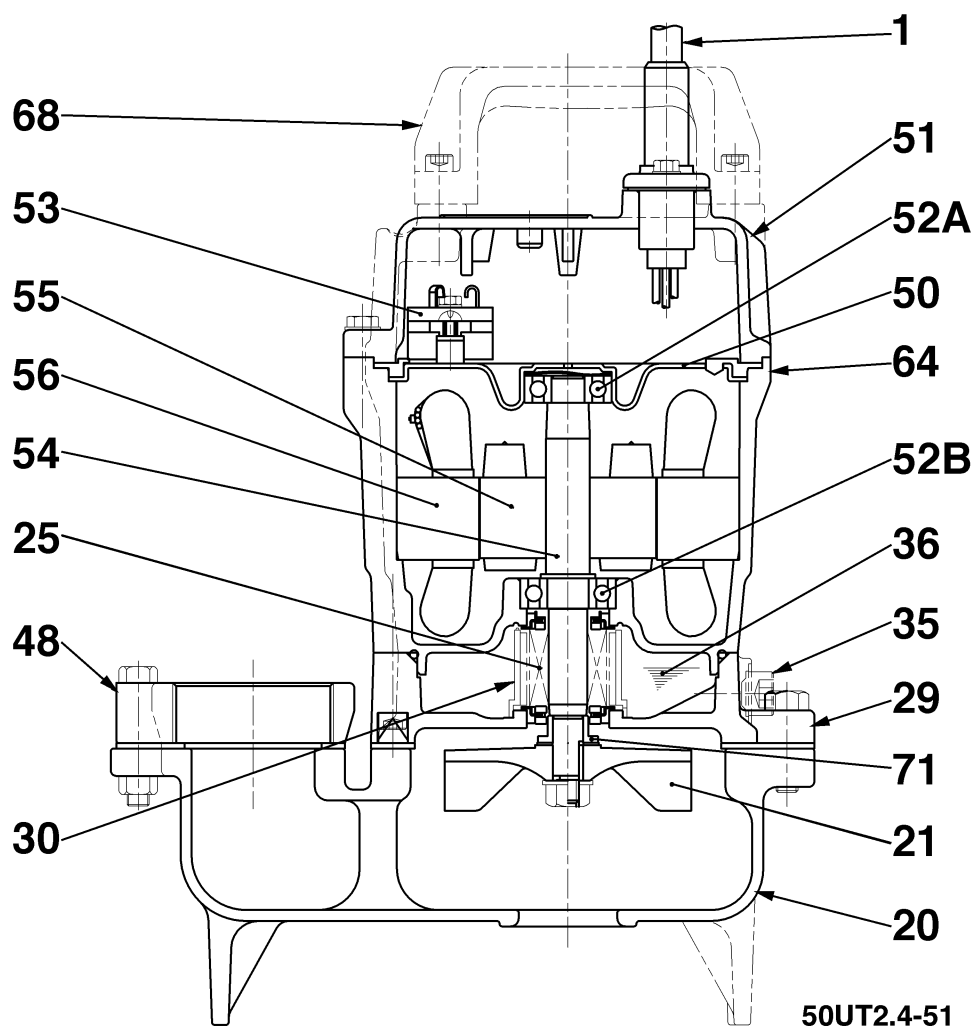


50UT2.4-51

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

Sectional drawing

50UT2.4-51



50UT2.4-51

No.	Description	Remark	No.	Description	Remark
1	Cable	NSSHÖU	56	Stator	.
20	Pump casing	FC200 (EN-GJL-200)	64	Motor Frame	FC200 (EN-GJL-200)
21	Impeller	PPO-GF20	68	Handle	Synthetic resin
25	Mechanical seal	W-14VL	71	Shaft protection sleeve	SUS304 (EN-X5CrNi18-10)
29	Oil casing	FC200 (EN-GJL-200)			
30	Oil distributor	Plastic			
35	Oil screw	SUS304 (EN-X5CrNi18-10)			
36	Lubricant	Turbine oil (ISO VG32)			
48	Screwed Flange	FC200 (EN-GJL-200)			
50	Motor cover	FC200 (EN-GJL-200)			
51	Main cover	FC200 (EN-GJL-200)			
52A	Upper bearing	6201ZZC3			
52B	Lower bearing	6202ZZC3			
53	Motor Protector 380/400/415V-50Hz	KA314-HRXL00 (H.C)			
54	Shaft	SUS403 (EN-X6Cr13)			
55	Rotor	.			