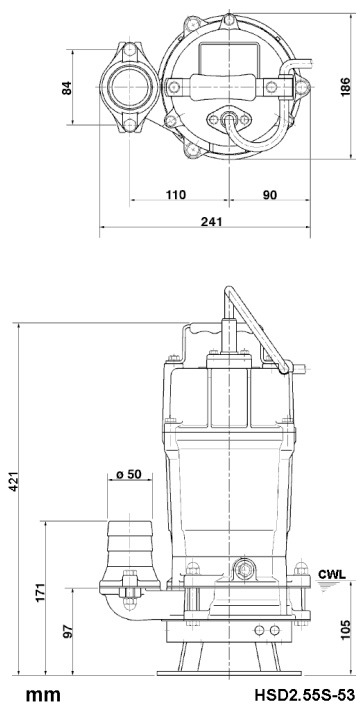
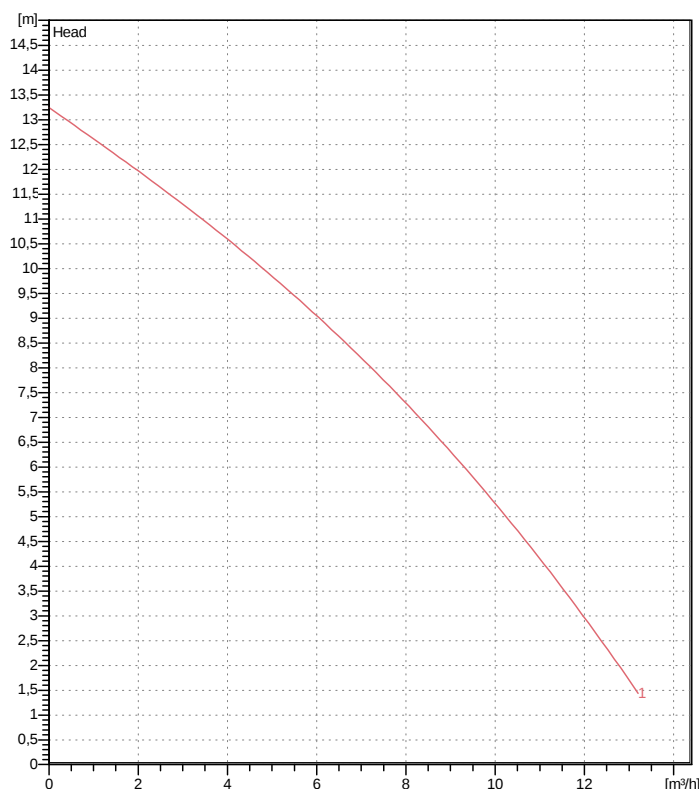


Data sheet HSD2.55S-53



CWL: Continuous running water level



Specification

Electric submersible pump
 Degree of protection IP 68
 Depth of submersion max. 10 m
 Type of impeller semi-vortex
 Max. solid handling 10 mm
 Suitable for:
 sand carrying water, sludge, bentonite

Electric motor

Dry-type submersible induction motor
 Insulation class E 2Poles 2830 1/min
 Starting mode Directly
 Rated voltage 230 V 50 Hz 1~
 Power uptake 0,82 kW
 Rated power 0,55 kW
 Rated current 3,8 A
 Start current 11,5 A

Cable

10m H07RN-F 3Cx1mm²

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	Chromium iron casting
Agitator	Chromium iron casting
Pump casing	FCD700 (EN-GJS-700-2)
Motor Frame	Aluminium die casting
Shaft	SUS403 (EN-X6Cr13)

Discharge size

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

Weight

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

Performance curve

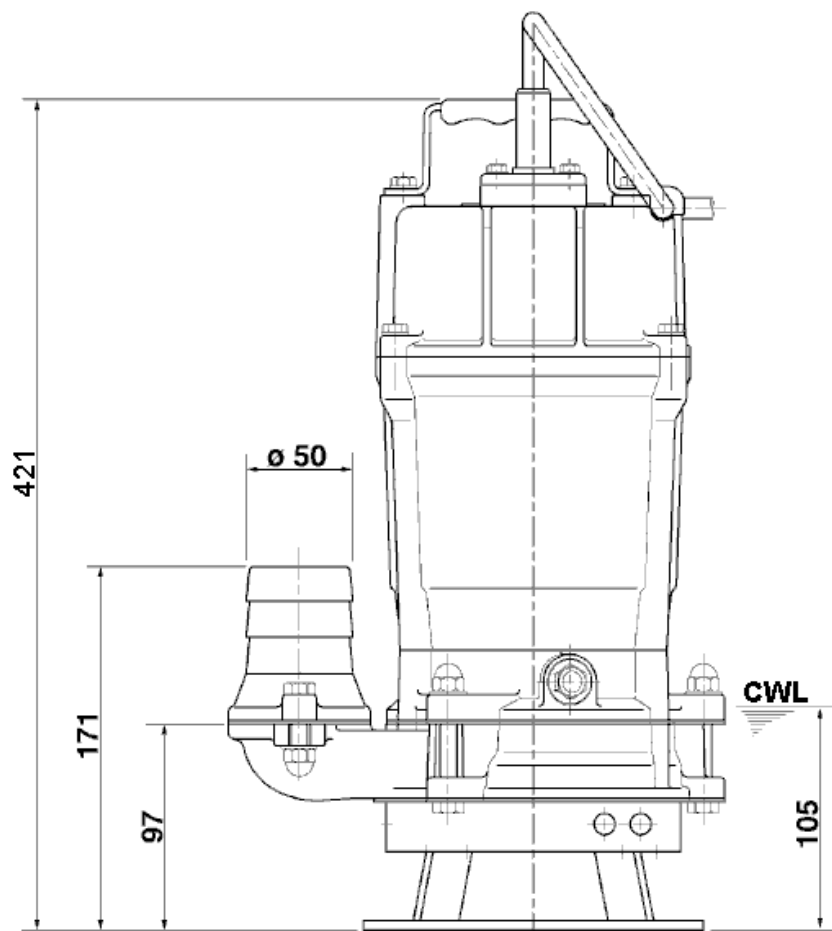
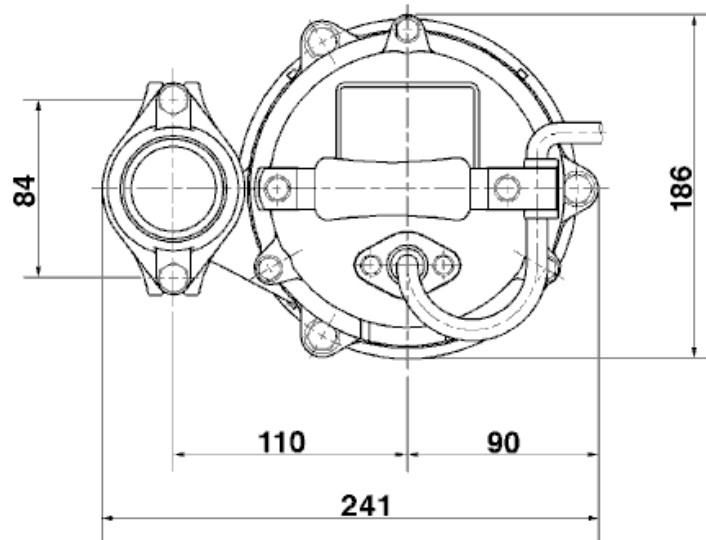
HSD2.55S-53

Discharge port	2"
Head	13,2 m
Flow	13,2 m³/h
Rated power	0,55 kW
Power input	0,82 kW
Phases	1~
Voltages	230 V
Frequency	50 Hz
Rated current	3,8 A
Starting current	11,51 A
Number of poles	2
Speed	2830 1/min
Starting mode	Directly
Insulation class	E



Dimensions

HSD2.55S-53



mm

HSD2.55S-53

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