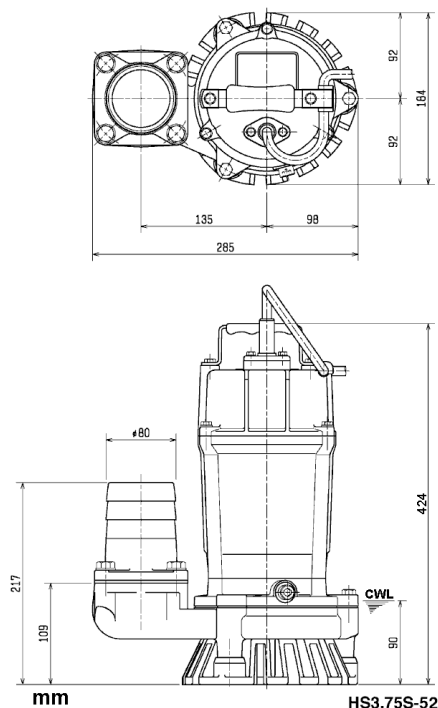
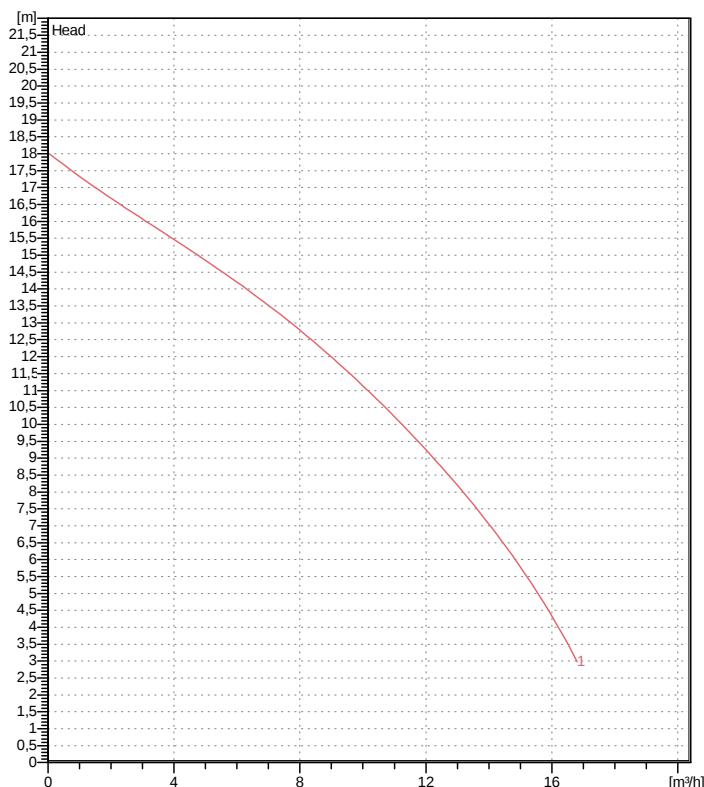


Data sheet HS3.75S-52



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 7 mm
Suitable for:
rain water, ground water, sand water

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 1,06 kW
Rated power 0,75 kW
Rated current 4,8 A
Start current 14,6 A

Cable

10m H07RN-F 3Cx1mm²

Motor Protection

Miniature protector in windings
(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	FCD700 (EN-GJS-700-2)
Motor Frame	Aluminium die casting
Shaft	SUS403 (EN-X6Cr13)

Discharge size

3" (80mm) BS-coupling (threaded flange)

Weight

19,6 kg (dry weight of the pump only without cable)

Performance curve

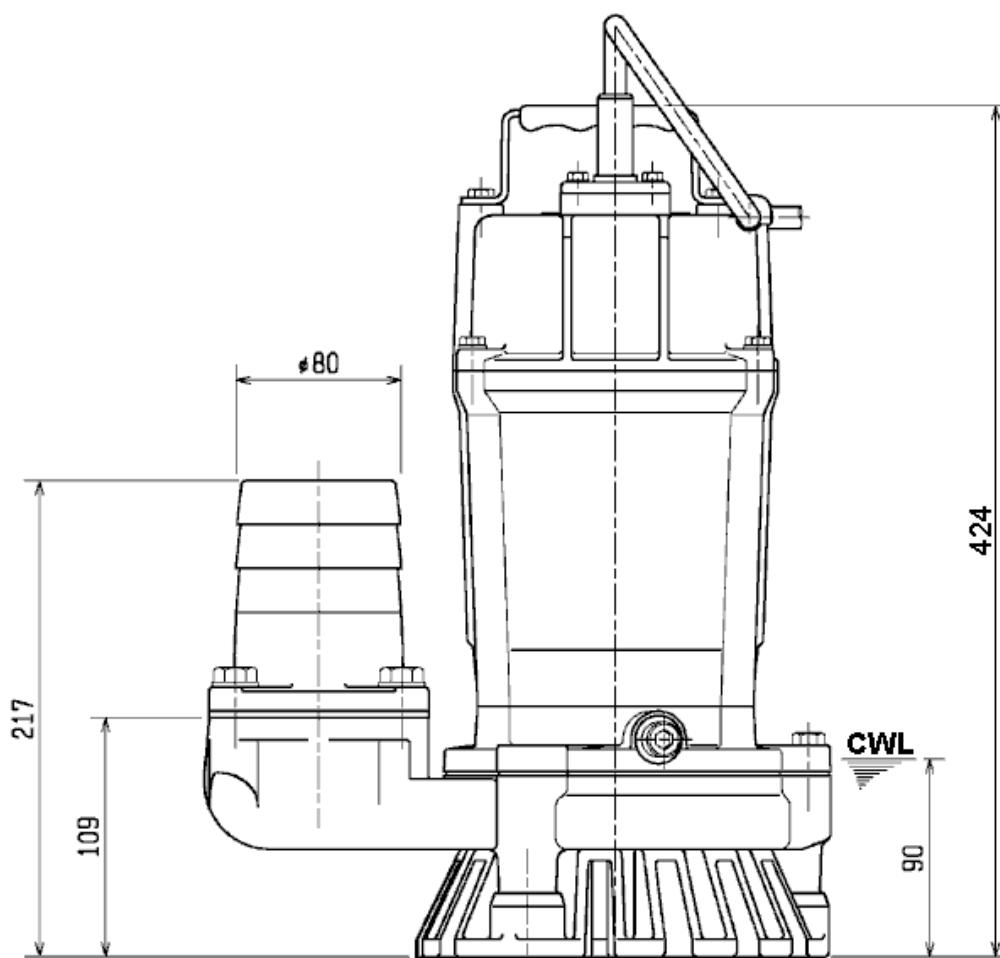
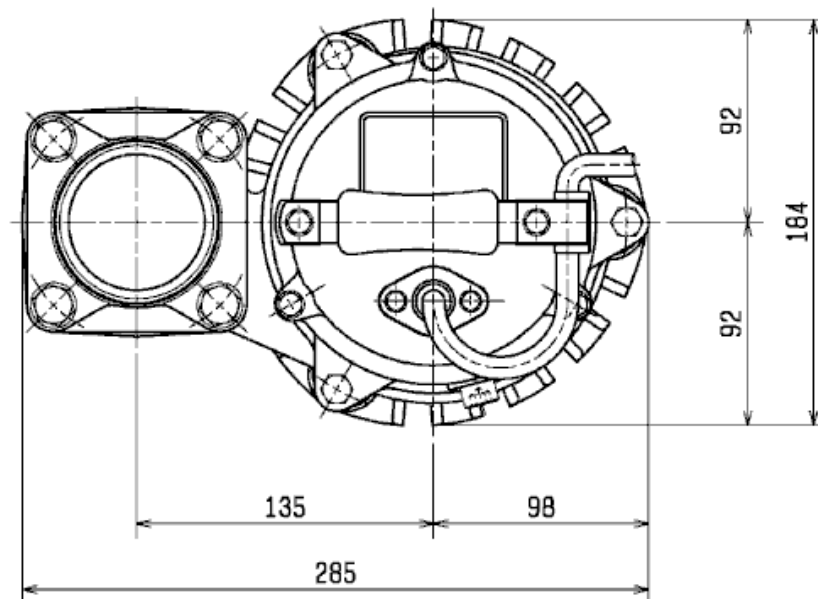
HS3.75S-52

Discharge port	3"
Head	18,0 m
Flow	16,8 m³/h
Rated power	0,75 kW
Power input	1,06 kW
Phases	1~
Voltages	230 V
Frequency	50 Hz
Rated current	4,8 A
Starting current	14,59 A
Number of poles	2
Speed	2830 1/min
Starting mode	Directly
Insulation class	E



Dimensions

HS3.75S-52



mm

HS3.75S-52

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