



- SUBMERSIBLE AXIAL FLOW PUMP
- SUBMERSIBLE MIXED FLOW PUMP



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Assembled in Indonesia by PT Urip Gumulya
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SUBMERSIBLE AXIAL FLOW PUMP / SUBMERSIBLE MIXED FLOW PUMP

SPECIFICATION

Submersible Pump

Type	: O-SAP, O-SMP
Head	: 0 - 25 m
Capacity	: 100 - 24.000 l/s

Submersible Motor

Power class	: electric performance meets GB755
Protection	: IP68
Cooling system	: ICW08A41
Basic installation type	: IM3013
Voltage	: up to 355 kW 380V, 600V 355 kW 380V, 600V, 6kV, 10W
Insulation class	: F
Rated Power	: 50 Hz
Length of cable	: 10 m

Material can be Cast Iron, Ductile Iron, Copper or Stainless Steel.

Shaft Seal

This type has two or three mechanical seals. The first seal, which contact water, is usually made of carbon silicon and tungsten carbide. The second and third are usually made of graphite and tungsten carbide.

Leakage Protection

O-SAP & O-SMP series has leakage protection sensor. When the oil house of motor or the wirebox is leaking, sensor will give out warning or stop working and maintain the signal.

Overheat Protector

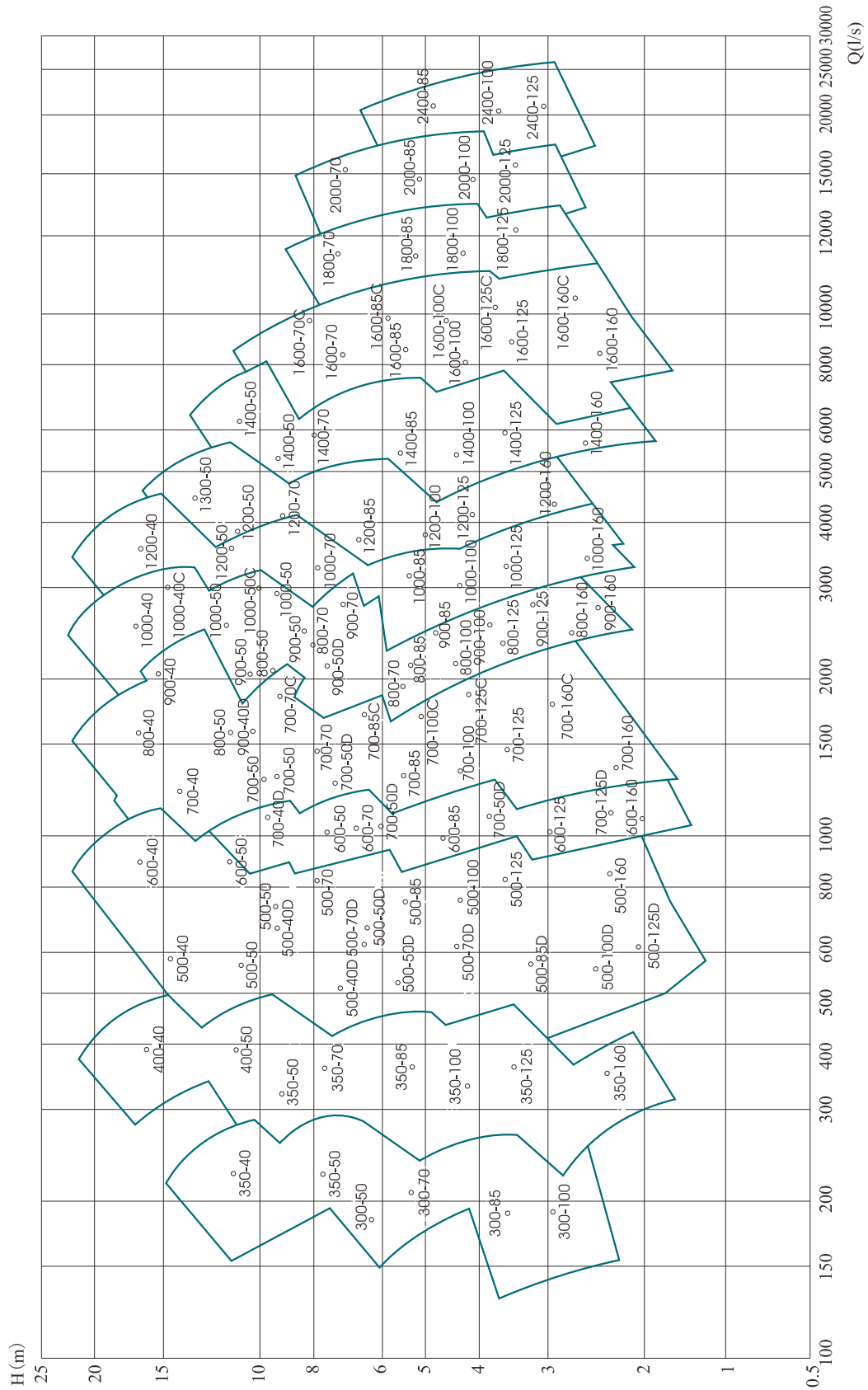
The winding of O-SAP & O-SMP series submersible motor has overheat protector. When it is overheated, warning will be given out or the motor will stop working.

Rotating Direction

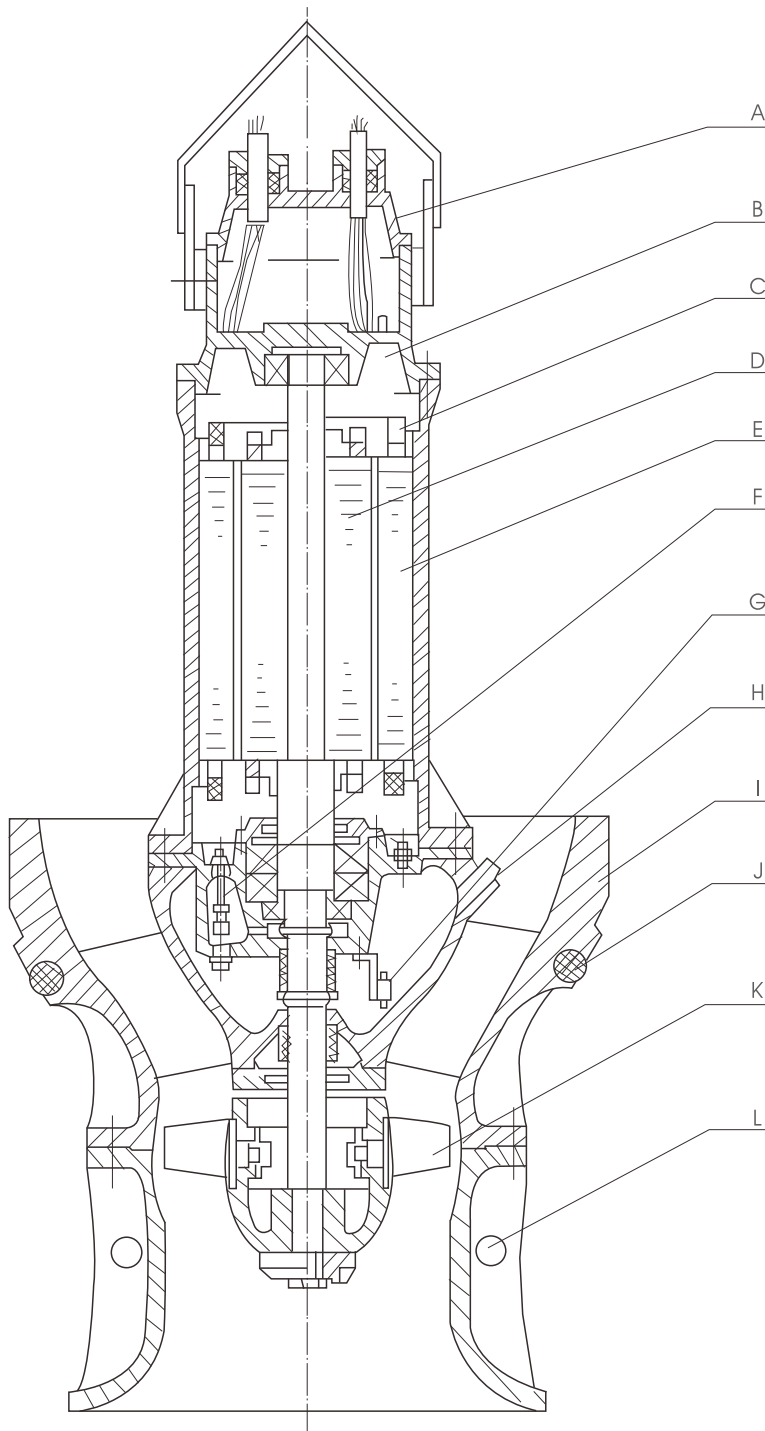
Looking from upper side, the impeller is rotating clockwise. series definition.

Application range : water supply in cities, diversion work, sewage drainage system, sewage disposal project.

FAMILY CURVE

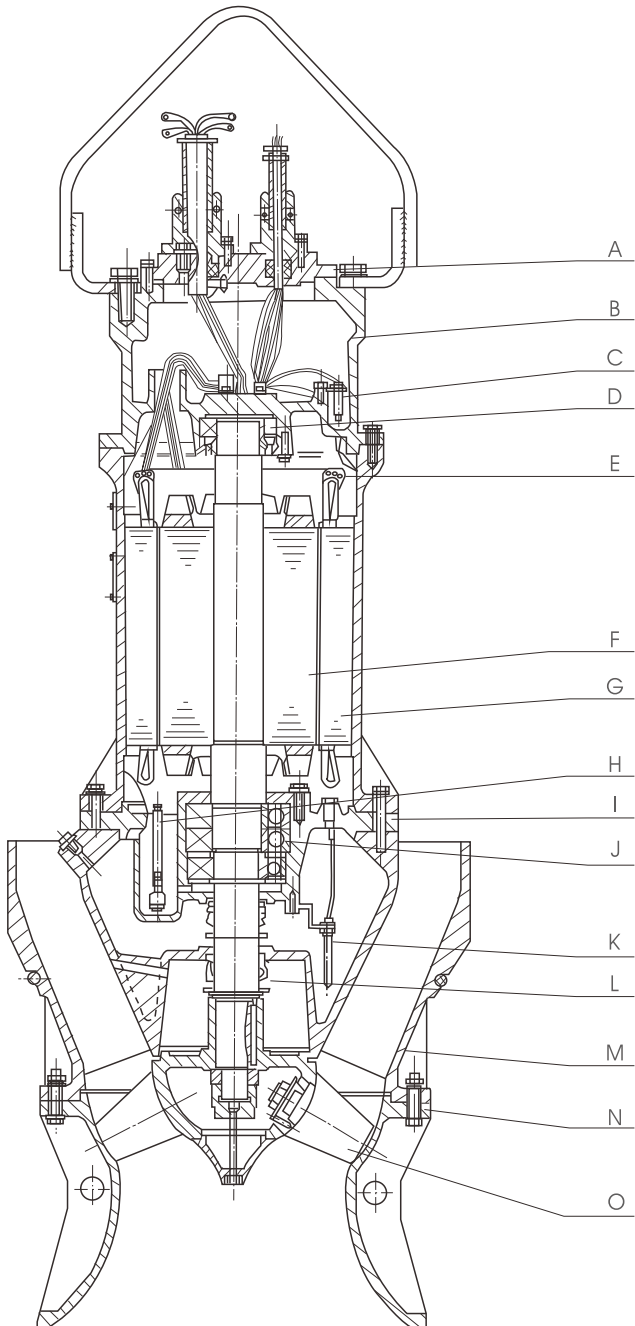


SUBMERSIBLE AXIAL FLOW PUMP DRAWING



A	Junction
B	Leakage probe
C	Heat protector
D	Rotor
E	Stator
F	Leakage alarm
G	Oil-water probe
H	Oil filter
I	Guide vane
J	Seal ring
K	Impeller part
L	Suction bell

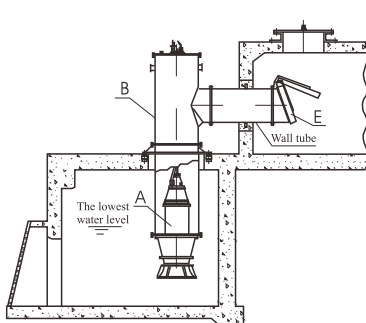
SUBMERSIBLE MIXED FLOW PUMP DRAWING



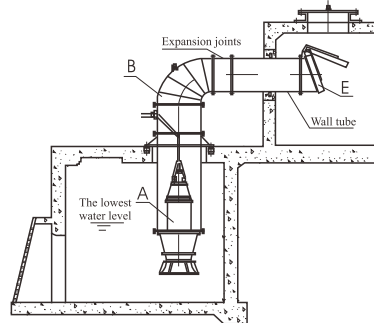
A	Junction
B	Upper cover
C	Leakage probe
D	Upper bearing
E	Heat protector
F	Rotor
G	Stators
H	Leakage alarm
I	Bottom cover
J	Lower Bearing
K	Oil-water probe
L	Mechanical seal
M	Guide vane
N	Suction bell
O	Impeller part

INSTALLATION

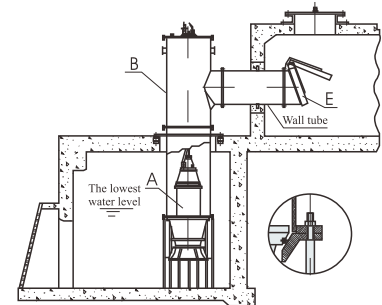
Installation structure type of submersible electric pump (all implemented in the project)



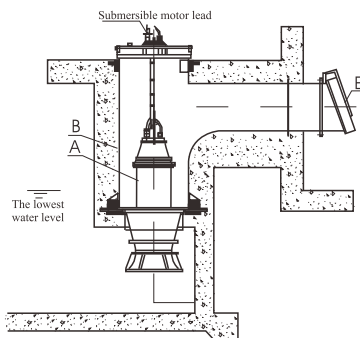
1. Wellbore suspension



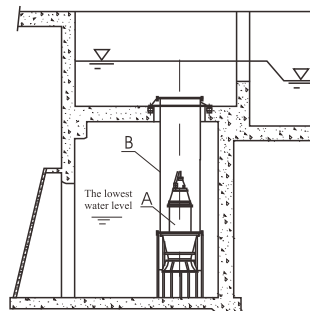
2. Bend suspension type



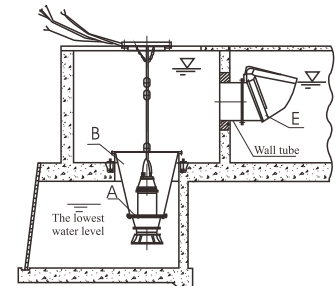
3. Wellbore floor type



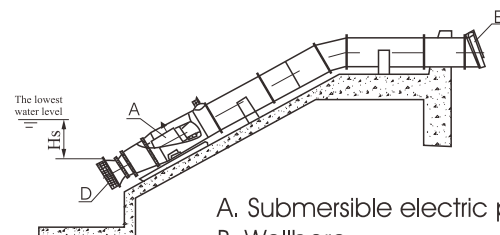
4. Cement shaft type



5. Open I



6. Open II



- A. Submersible electric pump
- B. Wellbore
- C. Gate
- D. The mesh
- E. Take the door
- F. The course

Description : the first four types of installation in the figure are listed in the outline size diagram and table of installation. It is recommended to use the installation form shown in figure A, B and C, and provide the outline size of the other installation types in consultation.