

Sewage and Drainage Pump



PT. Archimedes Global Pump

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Light submersible domestic water pump with excellent performance ratio.

Suitable for pumping water from pools, ponds or tanks with shorter operating times, ideal for watering flower beds, etc.

Liquid temperature up to 35°C

Protection IP X8

Max. grain size: 5mm

Universal submersible pump for clean to slightly polluted water with admixture of non-abrasive particles up to 35 mm. Suitable for pumping water from pools, ponds and other areas with shorter operating times. Float switch control.



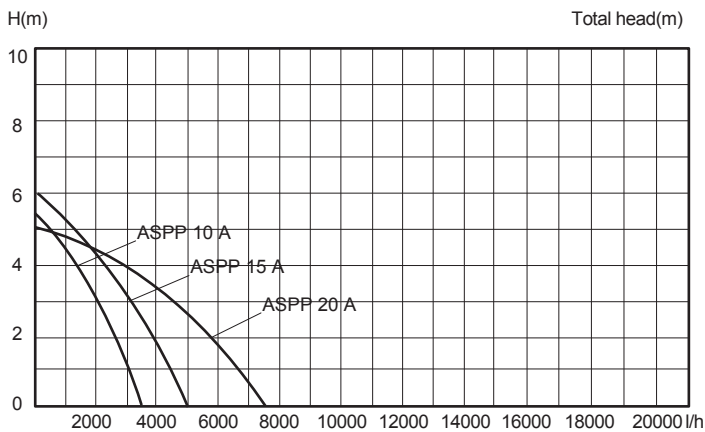
ASPP 10 A



ASPP 15 A



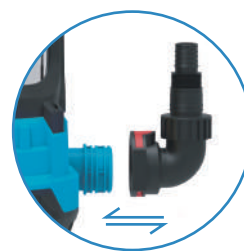
ASPP 20 A



Position adjustable



Cable collection

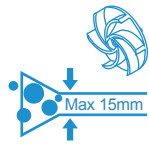


Quick connection

ASPP

| Model | ASPP 10 A | ASPP 15 A | ASPP 20 A |
|-------------------|-------------------------------------|---------------------|-------------------------------------|
| Rated Power P2 kW | 0,14 kW | 0,17 kW | 0,28 kW |
| V&Hz | 230V/50Hz,115V/60Hz | 230V/50Hz,115V/60Hz | 230V/50Hz,115V/60Hz |
| Max Pump Rate l/h | 3500 | 5000 | 7500 |
| Max. Height m | 5.5 | 6 | 5 |
| Max.Depth m | 7 | 5 | 7 |
| Max.Grain size mm | 5 | 5 | 5 |
| Dia. of Pipe mm | 1" G1" 1 1/2" | 1" G1" 1 1/2" | 1" G1" 1 1/2" |
| Cable | H05RN-F3G0.75mm H05RN8-F3G0.75mm | H05RN 0.75 | H05RN-F3G0.75mm H05RN8-F3G0.75mm |
| Length of cable m | 10 | 10 | 10 |

Stainless Steel Submersible Sewage Pumps



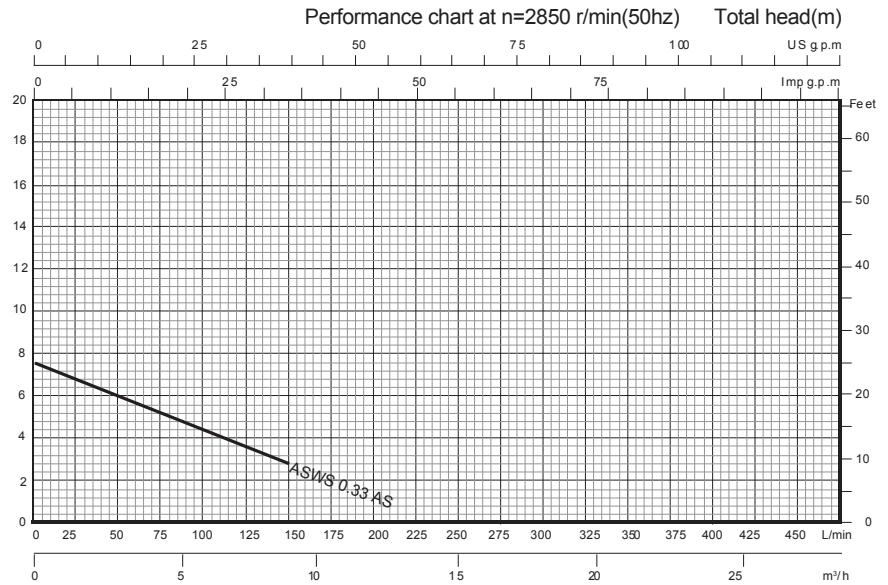
ASWS 0.33 AS

Application

Submersible sewage pump is widely used in agriculture, architecture, mine, environment protection and industry, such as drainage slurry, waste water, which contains short fibre, long fibre, wastepaper, sand and so on. It is also an ideal equipment for irrigation.

Working Condition

- The maximum depth allowed in water is 5m from its center of impeller;
- The temperature of trans medium's shouldn't be higher than 40°C;
- The trans medium's PH scope is 4~10;
- The kinematics viscosity of the trans medium is $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{m}^2/\text{s}$
- The maximum density of the trans medium is $1.2 \times 10^3 \text{kg}/\text{m}^3$.



ASWS

| Model | Power kW | Outlet mm | Voltage V/Hz | Max.flow L/min | Max.head m | Solids Passage mm | G.W. kg |
|--------------|----------|-----------|--------------|----------------|------------|-------------------|---------|
| ASWS 0.33 AS | 0.25 | 40 | 220/50 | 150 | 7.5 | 15 | 9.5 |

ASPS Series

Stainless Steel Submersible Pump

Application

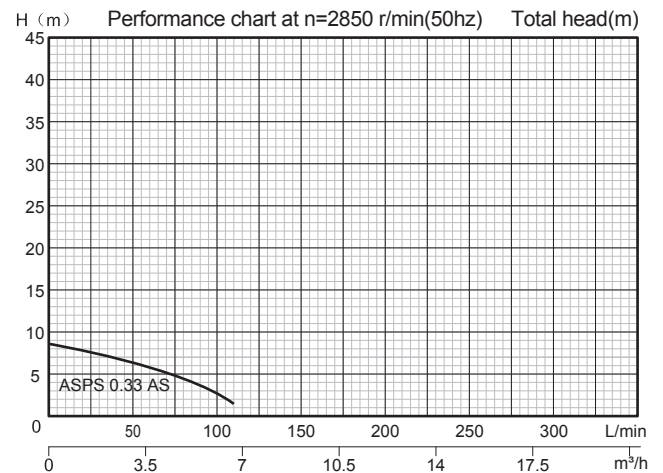
ASPS series is kind of standing stainless submersible pump which is of ISO 11 found and formed by stretch, suitable for the transportation of mine enterprises, construction sites, breed aquatics industry, fluid drug, drink, milk products, seawater and general caustic medium whose physics nature is similar to water. The pump boasts the abilities of complete drainage and convenient use.

Working Condition

- The depth for the electrical pump below the water is no more than 5m
- The temperature of the water is no higher of 40°C
- The PH figure of the water is between 6.5-8.5
- The grain diameter of the solids in the water is no bigger than 0.2mm`



ASPS 0.33 AS

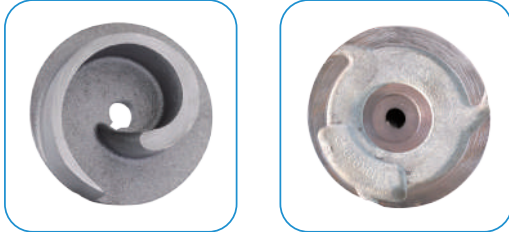


ASPS

| Model | Power kW | Outlet mm | Voltage V/Hz | Max.flow L/min | Max.head m | G.W. kg |
|--------------|----------|-----------|--------------|----------------|------------|---------|
| ASPS 0.33 AS | 0.25 | 40 | 220/50 | 120 | 8.5 | 10.0 |

ASWGS 2 AS

With Grinding Impeller



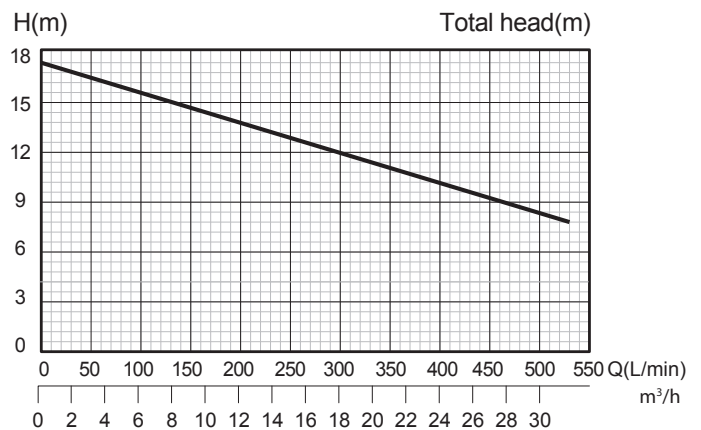
ASWGS series is submersible pump for dirty water. Thanks to the high speed grinding impeller, it allows 3 times outlet size fiber and 30% outlet size grain passage. With feature of compact size, high efficiency, it is widely used in municipal projects, construction site, civil waste water treatment, industrial application, mining and breed aquatics etc.

Application

- Waste water treatment
- Industrial sewage draining
- Domestic & civil application

Operating Conditions

- Max. depth of pump: 5m
- Max. liquid temperature: +40°C
- Liquid PH level scope: 4-10
- Kinematics viscosity of liquid: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{m}^2/\text{s}$
- Max. density of liquid: $1.2 \times 10^3 \text{kg}/\text{m}^3$



ASWGS

| Model | Power kW | Outlet mm | Voltage V/Hz | Max.flow L/min | Max.head m | G.W. kg |
|------------|----------|-----------|--------------|----------------|------------|---------|
| ASWGS 2 AS | 1.5 | 50 | 220 / 50 | 530 | 17 | 29 |

Stainless Steel Submersible Sewage Pumps With Cutter



ASWXS 1.5 AS



ASWXS 1.7 AS



ASWXS 3 AS

With Cutter

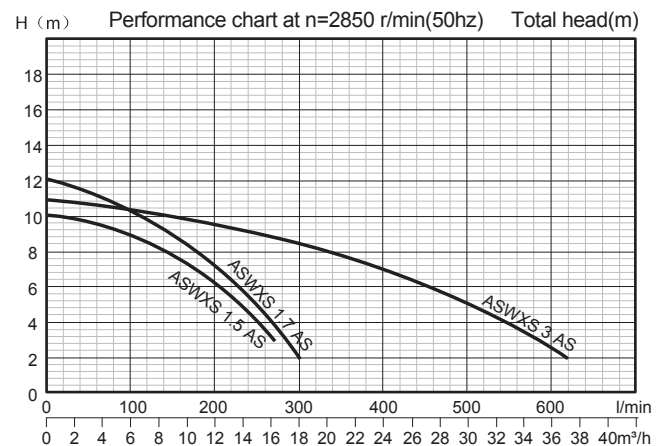


Application

Submersible pump with cutter is an ideal machine for draining sewage. A high-speed rotating cutter is assembled at the inlet hole of the pump, making it easy to cut off long-fibre and firm sundries contained in the sewage, so as to avoid the impeller blocked by the entanglement.

Working Condition

The maximum depth allowed in water is 5m from its center of impeller;
 The temperature of trans medium's shouldn't be higher than 40°C;
 The trans medium's PH scope is 4~10;
 The kinematics viscosity of the trans medium is $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{m}^2/\text{s}$
 The maximum density of the trans medium is $1.2 \times 10^3 \text{kg}/\text{m}^3$.

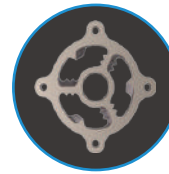


ASWXS

| Model | Power kW | Outlet mm | Voltage V/Hz | Max.flow L/min | Max.head m | G.W. kg |
|--------------|----------|-----------|--------------|----------------|------------|---------|
| ASWXS 1.5 AS | 1.1 | 50 | 220/50 | 270 | 10 | 21 |
| ASWXS 1.7 AS | 1.3 | 50 | 220/50 | 300 | 12 | 24.5 |
| ASWXS 3 AS | 2.2 | 80 | 220/50 | 600 | 11 | 33.5 |



Vortex impeller



Strong cutter

Spiral vortex impeller with cutter ring

- Impeller with non-clogging design
- Impeller made of hard-chromium alloy steel with hardness HRC49-52, high wear-resistant.
- High efficiency with low power consumption

Application

- Household sewage lifting systems
- Drainage of waste water from individual residences, apartment buildings, farm plant, etc

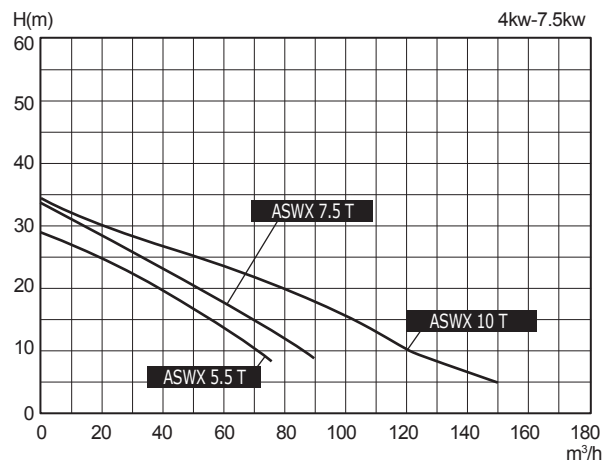
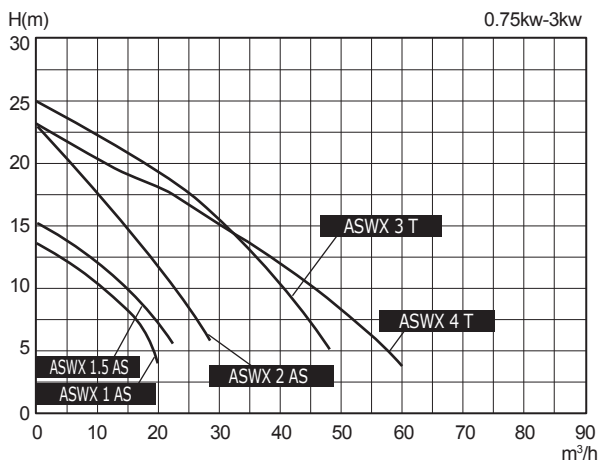
Operating Conditions

- Liquid temperature within 0 to 40°C
- DONOT pump liquid with sand, pebbles, screws and other solid materials to prolong the service life of cutting systems.
- Make sure liquid is enough before start the pump to prevent motor burning.

Motor

- 2-pole induction dry-motor
- Single phase/Three phase, 50HZ(60HZ on option)
- Insulation Class: B(F on option)
- Protection Class: IP68
- With thermal protector for auto-cut(single phase)

ASWX



| Mode | Voltage V/Hz | Power kW | Outlet mm | Max.Flow m³/h | Max.Head m | G.W. kg | Dimension mm |
|-------------|--------------|----------|-----------|---------------|------------|---------|--------------|
| ASWX 1 AS | 220/50 | 0.75 | 50 | 20 | 15 | 23.5 | 205x175x430 |
| ASWX 1.5 AS | 220/50 | 1.1 | 50 | 22 | 17 | 23.7 | 205x175x430 |
| ASWX 2 AS | 220/50 | 1.5 | 50 | 30 | 23 | 37.2 | 250x240x568 |
| ASWX 3 T | 380/50 | 2.2 | 80 | 47 | 25 | 43.4 | 295x265x585 |
| ASWX 4 T | 380/50 | 3 | 80 | 60 | 23 | 47.4 | 280x240x575 |
| ASWX 5.5 T | 380/50 | 4 | 80 | 76 | 28 | 53.5 | 315x265x590 |
| ASWX 7.5 T | 380/50 | 5.5 | 100 | 107 | 32 | 63.6 | 325x268x650 |
| ASWX 10 T | 380/50 | 7.5 | 100 | 150 | 34 | 73.5 | 335x285x660 |



P u m p S o l u t i o n P r o v i d e r

