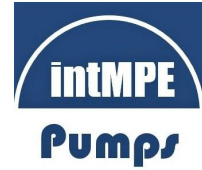


# SUBMERSIBLE DRAINAGE PUMPS



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## MPH SERIES - SUBMERSIBLE DRAINAGE PUMP



### Overview:

The body of motor and pump is made of hard cast iron for long-lasting durability. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed. The top outlet design maximizes the space. Hermetically sealed motor equipped. Discharge 100 mm (4") to 200mm (8"), motor 22kW (30HP) to 110 kW (150HP). Motor is dry type submersible induction motor (2 poles).

### Application:

- Deep-well pre-dewatering or high-head dewatering
- Civil engineering and construction works.
- Mines, quarries, coal ore & slurries
- Sewage treatment plants.
- General pumping purposes.

### Specification:

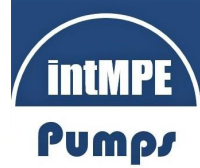
- Capacity: up to 408 m<sup>3</sup>/h (1796 Usgpm).
- Head: up to 184 meters (603 ft).
- Discharge: 100mm (4") to 200mm (8").
- Power: 22kW (30HP) to 110 kW (150HP).
- Power supply: 3 Ph 400V ± 10% 50Hz, 380/480V ± 10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 20 meters (65 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 30 meters (98 ft).

### Special features on request:

- Other voltages.
- The length of cable is optional.



## MPZ SERIES - SUBMERSIBLE DRAINAGE PUMP



### Overview:

The body of motor and pump is made of rigid cast Iron for long- lasting durability. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. Semi-open Impeller made of high chrome alloy match with wear plate (ductile Iron) achieves superior durability. Effective motor cooling due to discharge channel cast as part of the motor housing. Space economically by a top outlet. Discharge 50mm (2") to 150mm (6"), motor 1.5kW (2HP) to 15kW (20HP). Hermetically sealed motor equipped built-in thermal protection for the power - below 15kW.

### Application:

- Civil engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.

### Specification:

- Capacity: up to 160 m<sup>3</sup>/h (704 Usgpm).
- Head: up to 57 meters (187 ft).
- Discharge: 50mm (2") to 150mm (6").
- Power: 1.5kW (2HP) to 15kW (20HP).
- Power supply: three phase 400V ±10% 50Hz, 380/480V ± 10% 60Hz.
- Insulation class: F.
- Protection class: IP68.
- Cable length 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special features on request:

- Other voltages.
- The length of cable is optional.



## MPXN SERIES - SUBMERSIBLE PUMP

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### Overview:

Hydraulic part under the motor and motor cooled by the pumped liquid for safe operation also with the pump partially immersed. Double shaft seal with interposed oil chamber.

### Application:

- For mining, building, factory and industrial applications.
- For water supply from wells, tanks or reservoirs.
- For garden use and agricultural irrigation.

### Specification:

- Capacity: up to 100 m<sup>3</sup>/h (440 Usgpm).
- Head: up to 204 meters (669 ft).
- Discharge: 50mm (2") to 100mm (4").
- Power: 2.2 Kw (3HP) – 25Kw (33HP).
- Power supply.; Three phase, 380V ± 10% 50Hz, 380/480V ± 10% 60Hz.
- Insulation class; B.
- Protection class: IP68.
- Cable length: 15 meters (49 ft).
- PH: 6.5 - 8.5
- Water temperature up to: 40°C (104°F).
- Max. water depth: 20 meters (65 ft).

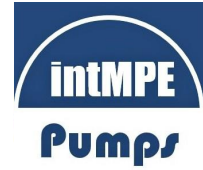
### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPV SERIES - SUBMERSIBLE PUMP

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### Overview:

The MPV pump is made of stainless steel and special resin, the pump is not only light weight but also corrosion-resistant as well. Built-in vortex impeller and large passage facilitate pump operation to readily dispose of liquid containing various kinds of foreign matters.

### Application:

- Transferring wastewater between the tanks at small scale treatment facility.
- Draining sewage from factory, residence, hotel, restaurant, etc.
- Pumping rainwater and spring water at a place where foreign objects are likely to run into the water.

### Specification:

- Capacity: up to 22 m<sup>3</sup>/h (96 Usrpm).
- Head: up to 13 meters (42 ft).
- Discharge: 50mm (2").
- Power: 0.25 Kw (0.33HP) – 0.75 Kw (1 HP).
- Power supply: single phase 220V ± 10% 50/60Hz.
- Insulation class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 4 to 10.
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

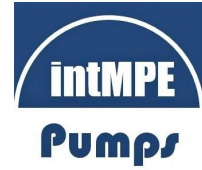
### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPSM SERIES – SUBMERSIBLE DRAINAGE PUMP

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### Overview:

Semi Vortex impeller design minimize the Clogging situation for maximum durability and maintaining pump performance. Built-in shaft mounted agitator prevents the "air lock" and reduces the dogging situation.

### Application:

- Civil engineering, building sites, basements or other utility
- Pits, rainwater, mud water and high-viscosity fluid.

### Specification:

- Capacity: up to 18 m<sup>3</sup>/h (79 Usgpm).
- Head: up to 18 meters (59 ft).
- Discharge: 50mm (2") to 80mm (3").
- Power: 0.4 Kw (0.53 H) – 0.75 kw (1 HP).
- Power supply: single phase 220V ± 10% 50/60Hz, three phase 380/480V ± 10% 50/60Hz.
- Insulation Class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 6.5 to 8.5
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

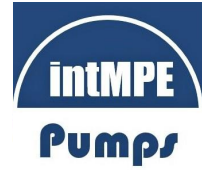
### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPDM SERIES – SUBMERSIBLE SLURRY PUMP

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### Overview:

High effective motor competent to pump highly laden mud water. The impeller and agitator made of high chrome alloy ensure great durability. Semi Vortex impeller design reduces the clogging situation by sand.

### Application:

- Civil engineering, building sites, basements or other utility
- Pits, rainwater, mud water and high-viscosity fluid.

### Specification:

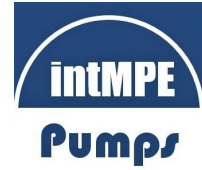
- Capacity: up to 13.2 m<sup>3</sup>/h (58 Usgpm).
- Head: up to 13 meters (43 ft).
- Discharge: 50mm (2").
- Power: 0.55 Kw (0.75HP) Only.
- Power supply: single phase 220V ± 10% 50/60Hz.  
three phase 380V ± 10% 50/60Hz.
- Insulation Class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 6.5 to 8.5
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPFB SERIES – SUBMERSIBLE DRAINAGE PUMP



### Overview:

Compact design provides maximum motor cooling efficiency allowing continuous operation at low water levels and extended dry-run capability. The discharge direction is selectable between vertical and inclined, which prevents folding or bending of the discharge hose.

### Application:

- Civil engineering, building sites, basements or other utility.
- Pits, rainwater and mud water.

### Specification:

- Capacity: up to 18 m<sup>3</sup>/h (79 Usgpm).
- Head: up to 15 meters (49 Ft).
- Discharge: 50mm (2").
- Power: 0.48 Kw (0.55HP) – 0.75 Kw (1 HP).
- Power supply: single phase 230V ± 10% 50/60Hz.
- Insulation class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 6.5 to 8.5
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

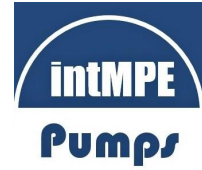
### Special Features on Request:

- Other voltages.
- The length of the cable is optional.





## MPFC SERIES – SUBMERSIBLE DRAINAGE PUMP



### Overview:

The designed bottom plate enables the pump to drain down to 1 mm water level. It has a swing valve that prevents reverse-flow of the sucked water when the pump stops its operation. The rubber stand protects the floor surface from scratching. The discharge direction is selectable between vertical and inclined, which prevents folding or bending of the discharge hose

### Application:

- Civil engineering, building sites, basements or other utility.
- Pits, rainwater and mud water.

### Specification:

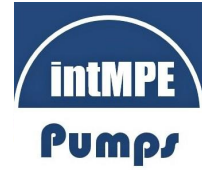
- Capacity: up to 13 m<sup>3</sup>/h (57 Usgpm).
- Head: up to 11.5 meters (38 ft).
- Discharge: 50mm (2").
- Power: 0.48 Kw (0.55 HP) Only.
- Power supply: single phase 230V ± 10% 50/60Hz.
- Insulation class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 6.5 to 8.5
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPSR SERIES – SUBMERSIBLE DRAINAGE PUMP



### Overview:

MPSR is a submersible residue pump. The pump can start pumping if there is water with its level of 5mm or more and can continue pumping until the water level goes down to 1mm. It is lightweight and compact. Though the pump is a single-phase unit, it has the durability equivalent to three-phase drainage pumps as the wear parts are made of abrasion-resistant materials. The discharge direction is selectable between vertical and inclined, which prevents folding or bending of the discharge hose.

### Application:

- Draining storm water on the ground sumps in construction and civil engineering works.
- Draining residual water at utility intercept sumps or water storage tanks.
- Draining wash water in water storage tanks.

### Specification:

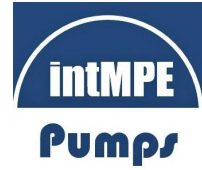
- Capacity: up to 10 m<sup>3</sup>/h (44 Usgpm).
- Head: up to 12 meters (39 ft).
- Discharge: 50mm (2").
- Power: 0.48 Kw (0.55 HP) Only.
- Power supply: single phase 22.0V ± 10% 50/60Hz.
- Insulation class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- PH: 6.5 to 8.5
- Water temperature: up to 40°C (104°F).
- Max water depth: 10 meters (33 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPZE SERIES – INTELLIGENT SUBMERSIBLE DRAINAGE PUMP



### Overview:

The body of motor and pump is made of rigid cast iron for long-lasting durability. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. Semi-open impeller made of high chrome alloy match with wear plate (ductile iron) achieves superior durability. Effective motor cooling due to discharge channel cast as part of the motor housing. Space economically by a top outlet. The pump can operate automatically with built-in intelligent control system. Thus, achieve low total energy costs.

### Main Advantages:

- Protect against reverse phase. Ensuring correct impeller rotation;
- Protect against open phase or impeller jam. thus, prevent accidental damage;
- Automatically stop the pump in event of overload. abnormal voltage and recovery 5min later;
- The pump stops working at high temperature. And will automatically restart after cooling to the specified temperature;
- The water sensor's height is adjustable to control pump operation and stop;
- The pump stops working within 60s when water level is below the probe, When the water level rises to contact the electric probe, pump starts operating again;
- Rapid assessment about the pump operation and malfunction history.

### Application:

- Civil engineering
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes

### Specification:

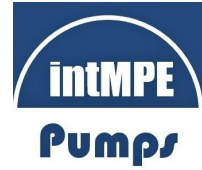
- Capacity: up to 105m<sup>3</sup>/h (462 Usgpm).
- Head: up to 38 meters (125 ft).
- Discharge: 50mm (2") to 100mm (4").
- Power: 1.5kW (2HP) to 5.5 kW (7.5HP).
- Power supply: three phase 400V ± 10% 50Hz, 380/480V ± 10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPBD SERIES – SUBMERSIBLE DRAINAGE PUMP



### Overview:

The Agitator Pump MPBD Series is a cast iron made, heavy-duty slurry pump employing the MPZ Series as the base. An agitator is provided to assist smooth suction of the pumping fluid. The side-flow, top-discharge design keeps the motor cooling even if the pump is operated continuously with its motor exposed in air, and it makes the pump easier to be placed in a confined space. This pump is suitable for transferring or draining bentonite slurry used for slurry drilling, draining slurry mixed water in civil engineering works or foundation works.

### Application:

- Civil engineering
- Mines, quarries, coal mine & slurries.
- Sewage treatment plants.
- General pumping purposes.

### Specification:

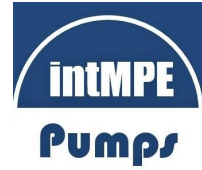
- Capacity: up to 90 m<sup>3</sup>/h (396 Usgpm).
- Head: up to 30 meters (98 ft).
- Discharge: 50mm (2") to 100mm (4").
- Power: 1.5kW (2HP) to 3.7kW (5HP).
- Power supply: Three phase 400V ± 10% 50Hz, 380/480V ± 10% 60Hz.
- Insulation class: F
- Protection class: IP68
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPDE SERIES – INTELLIGENT SUBMERSIBLE DRAINAGE PUMP



### Overview:

The Agitator Pump MPDE Series is a cast iron made, heavy-duty slurry pump employing the MPZ Series as the base. An agitator is provided to assist smooth suction of the pumping fluid. The side-flow, top-discharge design keeps the motor cooling even if the pump is operated continuously with its motor exposed in air, and it makes the pump easier to be placed in a confined space. This pump is suitable for transferring or draining bentonite slurry used for slurry drilling, draining slurry mixed water in civil engineering works or foundation works. The pump can operate automatically with built-in intelligent control system, thus achieve low total energy costs.

### Main Advantages:

- Protect against reverse phase, ensuring correct impeller rotation;
- Protect against open phase or impeller jam, thus prevent accidental damage;
- Automatically stop the pump in event of overload, abnormal voltage and recovery 5 mins later;
- The pump stops working at high temperature, and will automatically restart after cooling to the specified temperature;
- The water level sensor's height is adjustable to control pump operation and stop;
- The pump stops working within 60s when water level is below the probe, When the water level rises to contact the electric probe, pump starts operating again;
- Rapid assessment about the pump operation and malfunction history.

### Application:

- Civil engineering
- Mines, quarries, coal mine & slurries
- Sewage treatment plants
- General pumping purposes

### Specification:

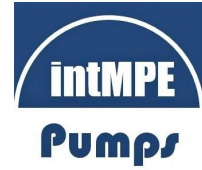
- Capacity: up to 90 m<sup>3</sup>/h (396 Usgpm).
- Head: up to 30 meters (98 ft).
- Discharge: 50mm (2") to 100mm (4").
- Power: 1.5kW (2HP) to 3.7kW (5HP).
- Power supply: Three phase 400V ± 10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPS SERIES – SUBMERSIBLE SLURRY PUMP



### Overview:

Submersible slurry pump with a 4-pole motor for an increased lifetime and greater convenience. High chrome alloy impeller combined with agitator for pumping heavy slurry. Slim design with a top discharge enabling installation in smaller casing. For bentonite mixed water in foundation works or muddy water in civil engineer works.

### Application:

- Civil engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.
- Pumping fluid: sludge, liquids-containing mud and bentonite.

### Specification:

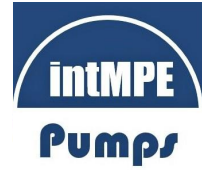
- Capacity: up to 372m<sup>3</sup>/h (1638 Usgpm).
- Head: up to 32 meters (105 ft).
- Discharge: 80mm (3") to 200mm (8").
- Power: 4kW (5.5HP) to 22 kW (30HP).
- Power supply: three phase 400V ± 10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 15m (49 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPTZ SERIES – SUBMERSIBLE SLURRY PUMP



### Overview:

Submersible slurry pump with 4-pole motor for increased lifetime and greater convenience. High chrome alloy impeller combined with agitator for pumping heavy slurry. A cooling water jacket to allow the pump to operate at low water levels for extended period of time without the fear of overheating.

### Application:

- Civil engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.
- Pumping fluid: sludge, liquids-containing mud and bentonite.

### Specification:

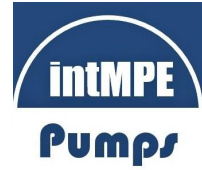
- Capacity: up to 246m<sup>3</sup>/h (1083 Usgpm).
- Head: up to 22.5 meters (74 ft).
- Discharge: 80mm (3") to 150mm (6").
- Power: 4kW (5.5HP) to 11 kW (15HP).
- Power supply: three phase 400V ± 10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 20 meters (65 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPNS SERIES – SUBMERSIBLE SAND PUMP



### Overview:

MPNS submersible sand pump is specially designed for harsh environment, sites pumping containing solids and other abrasive material. Every component of it fully reflects the high durability, reliability and ease of serviceability. MPNS submersible sand pump is adopted with F Class insulated 4-pole motor, high wear-resistant mechanical seal, heavy-duty semi-open high wear-resistant alloy impeller. There is an agitator in the lower part of this pump, the sediment at the bottom of water will be stirred into a suspension form and then be sucked into the inlet to be discharged to clear completely.

### Application:

- Underwater sand extraction, clear the bottom of a pond, clean up the sedimentation tank.
- Drainage of construction silt water, mine surface drainage.
- Industrial mining enterprises pumping sewage water containing quartz sand, slime, sludge and other abrasive materials.

### Specification:

- Capacity: up to 350 m<sup>3</sup>/h (1541 Usgpm).
- Head: up to 35 meters (115 ft).
- Discharge: 80mm (3") to 200mm (8").
- Power: 2.2Kw (3HP) – 22Kw (30HP).
- Power supply: three phase 400V ±10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F.
- Protection class: IP68.
- Cable Length: 8 meters (26 ft).
- PH: 6 to 10.
- Water temperature: up to 40°C (104°F).
- Density of liquid: 1300 kg/m<sup>3</sup> (81 lb<sub>m</sub>/ft<sup>3</sup>).
- Maximum immersion depth: 15 meters (49 ft).

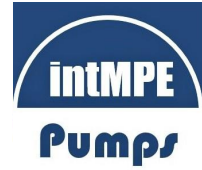
### Special Features on Request:

- Other voltages.
- The length of the cable is optional.





## MPKC SERIES – SUBMERSIBLE PUMP



### Overview:

Water cooled motor to ensure a long life in continuous and intermittent operation, with high efficiency and energy savings. Incorporating a dry motor with thermal auto-cut that prevents the motor from overheating. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. The cast iron upper cover and strengthened AISI 304SS pumps casing, which can provide better anti-hitting performance. The impeller is designed by 3D technology and made of chrome steel, which can improve the efficiency and extend the product lifetime. The MPKC pump strainer can be easily removed and replaced with a check valve, which allows for dewatering up to maximum 8 meters deep of underground water and water circulation applications.

### Application:

- Aquiculture water supply and drainage.
- Water supply for agriculture irrigation systems and underground water pumping.
- Extraction of water from rivers, lakes and reservoirs.

### Specification:

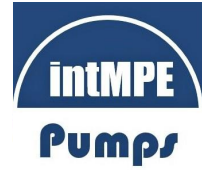
- Capacity: up to 108 m<sup>3</sup>/h (475 Usgpm).
- Head: up to 31 meters (102 ft).
- Discharge: 80mm (3") to 100mm (4").
- Power: 1.5kW (2HP) to 5.5kW (7.5HP).
- Power supply: Three phase 400V ±10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F.
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPKS SERIES – SUBMERSIBLE DRAINAGE PUMP



### Overview:

Compact design, high performance and exceptional durability for handling abrasive liquid, widely used in general construction and civil engineering. The body of motor and pump is made of rigid cast iron or stainless steel for long-lasting durability. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. Semi-open impeller made of high chrome alloy match with wear plate (ductile iron) achieves superior durability. Effective motor cooling due to discharge channel cast as part of the motor housing. Discharge 50mm (2") to 150mm (6"), motor 0.25kW (0.35HP) to 11 kW (15HP). Hermetically sealed motor equipped build-in thermal protection.

### Application:

- Civil engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.

### Specification:

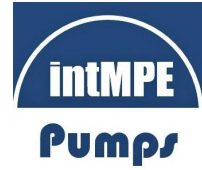
- Capacity: up to 150m<sup>3</sup>/h (660 Usgpm).
- Head: up to 50 meters (164 ft).
- Discharge: 50mm (2") to 150mm (6").
- Power: 0.25kW (0.35HP) to 11 kW (15HP).
- MPKS 0.25-0.75: single phase 220V ± 10% 50Hz, 220V ±10% 60Hz.
- MPKS 1.5: single phase 220V ±10% 50Hz, 220V ±10% 60Hz.
- MPKS 1.5-11: three phase 400V ±10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: MPKS 0.25-0.75kW: 10 meters (33 ft).  
MPKS 1.1-11 kW: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPSE SERIES – INTELLIGENT SUBMERSIBLE DRAINAGE PUMP



### Overview:

Effective motor cooling due to discharge channel cast as part of the motor housing. Allowed to run at low water level for a long time. Semi-open impeller made of high chrome alloy. The pump can operate automatically with built-in intelligent control system, thus achieve low total energy costs.

### Main Advantages:

- Protect against reverse phase. Ensuring correct impeller rotation;
- Protect against open phase or impeller jam. thus, prevent accidental damage;
- Automatically stop the pump in event of overload, abnormal voltage and recovery 5min later;
- The pump stop working at high temperature. And will automatically restart after cooling to the specified temperature;
- The water sensor's height is adjustable to control pump operation and stop;
- The pump stops working within 60s when water level is below the probe, When the water level rises to contact the electric probe, pump starts operating again;
- Rapid assessment about the pump operation and mal function history.

### Application:

- Civil Engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.
- Pumping fluid: sludge, liquids-containing.
- mud and/or bentonite.

### Specification:

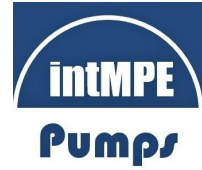
- Capacity: up to 150 m<sup>3</sup>/h (660 Usgpm).
- Head: up to 50 meters (164 ft).
- Discharge: 50mm (2") to 150mm (6").
- Power: 1.5kW (2HP) to 11 kW (15HP).
- Power supply: three phase 400V ±10% 50Hz, 380/480V ±10% 60Hz.
- Insulation class: F
- Protection class: IP68.
- Cable Length: 8 meters (26 ft).
- Water temperature: up to 40°C (104°F).
- Max. water depth: 25 meters (82 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.



## MPJQ SERIES – SUBMERSIBLE SEWAGE PUMP



### Overview:

MPJQ submersible sand pump is specially designed for harsh environment, sites pumping containing solids and other abrasive material. Every component of it fully reflects the high durability, reliability and ease of serviceability. This submersible sand pump is adopted with F Class insulated motor, high wear-resistant mechanical seal, heavy-duty semi-open high wear-resistant alloy impeller.

### Application:

- Civil Engineering.
- Mines, quarries, coal ore & slurries.
- Sewage treatment plants.
- General pumping purposes.

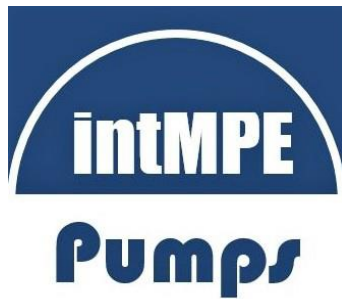
### Specification:

- Capacity: up to 99 m<sup>3</sup>/h (436 Usgpm).
- Head: up to 59 meters (193 ft).
- Discharge: 50mm (2") to 65mm (2.5").
- Power: 2.2 (3HP) - 15 KW (20HP) 2 poles.
- Power supply: three phase 380/480V ±10% 50Hz.
- Insulation class: B.
- Protection class: IP68.
- Cable Length: 8 meters (26 ft).
- PH: 6 to 10.
- Water temperature: up to 40°C (104°F).
- Density of liquid: 1300 kg/m<sup>3</sup> (81 lb<sub>m</sub>/ft<sup>3</sup>).
- Max. water depth: 10 meters (33 ft).

### Special Features on Request:

- Other voltages.
- The length of the cable is optional.





## **CORPORATE OFFICE**

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