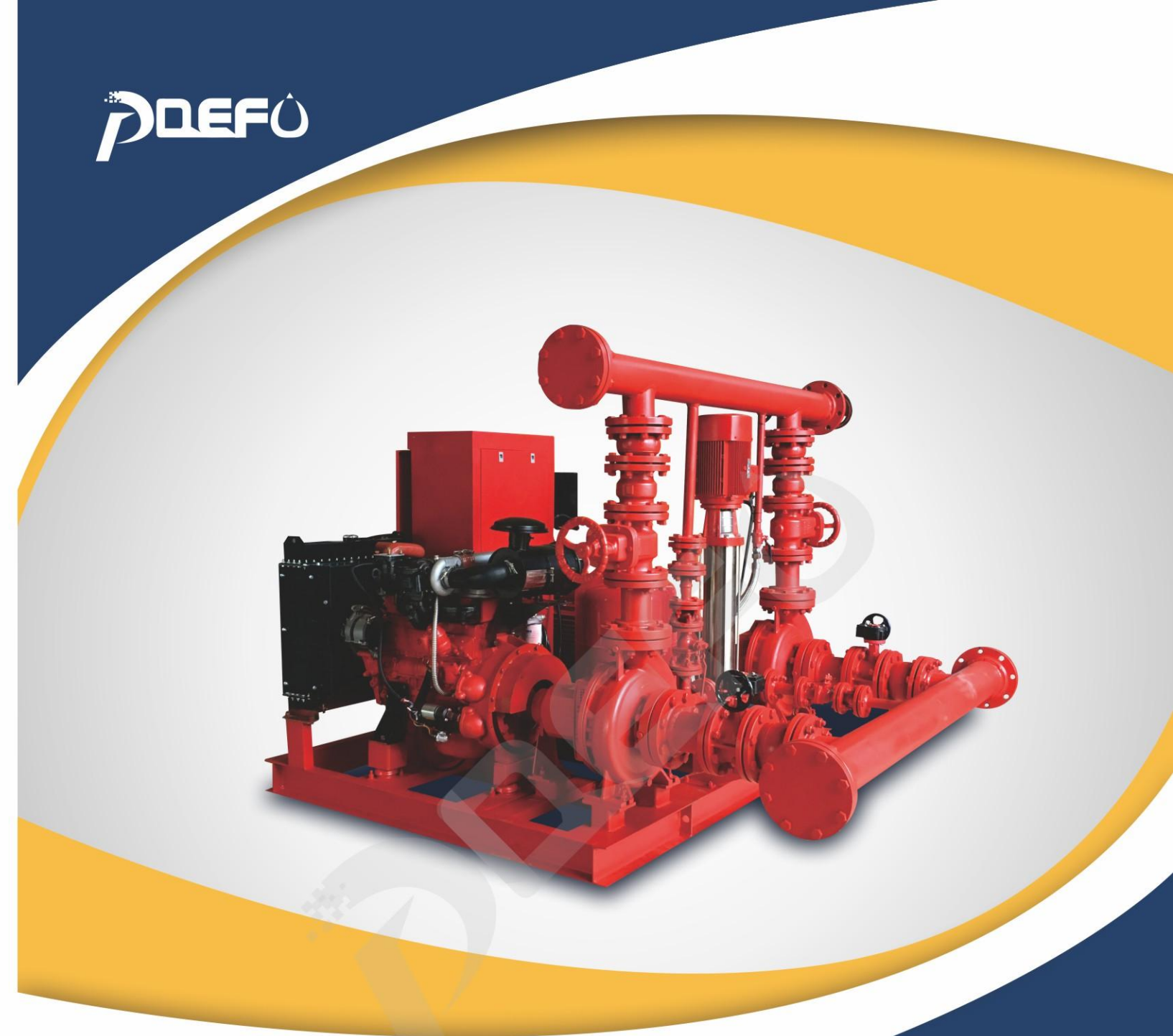




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Jiangsu SELE Pump Co., Ltd
Fuding Cornell E-Pump Manufacturer



FIRE FIGHTING PUMP SET



1. XBD-W HORIZONTAL CENTRIFUGAL FIRE PUMP

Performance and advantages

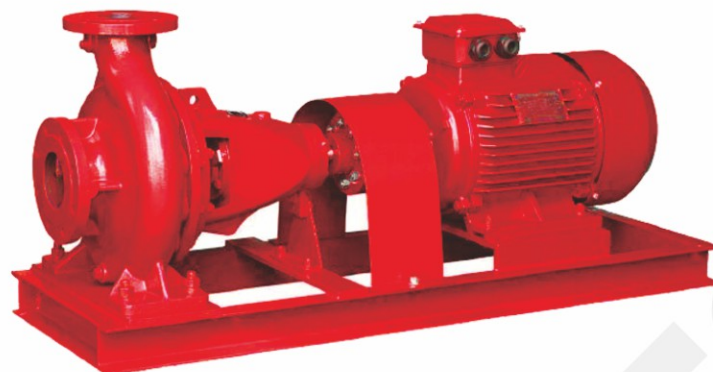
DIN24255 /EN733/ Standard
Reliable Performance
Low Power Consumption
Back-pull-out Structure Easy For Maintenance

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Pressure balancing for fire system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 50-300mm (2-12inch)
Flow Rate: 2-1600m³/h
Head: 1.5-160m
Speed: 1450-2900rpm(50HZ)
1750-3500rpm (60HZ)



3. XBD-W HORIZONTAL MULTISTAGE FIRE PUMP

Performance and advantages

High Pressure
High Efficiency
Energy Saving
Advanced Process Equipment

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Pressure balancing for fire system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 50-300mm(2-12inch)
Flow Rate: 3.75-850m³/h
Head: 19-816m
Speed: 1450-2900rpm(50HZ); 1750-3500rpm (60HZ)



2. XBD-W HORIZONTAL FIRE PUMP

Performance and advantages

DIN24255 /EN733 Standard
Reliable Performance
Low Power Consumption
Back-pull-out Structure Easy For Maintenance

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Pressure balancing for fire system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 50-300mm (2-12inch)
Flow Rate: 2-1600m³/h
Head: 1.5-160m
Speed: 1450-2900rpm(50HZ)
1750-3500rpm (60HZ)



4. XBD-W HORIZONTAL DOUBLE SUCTION FIRE PUMP

Performance and advantages

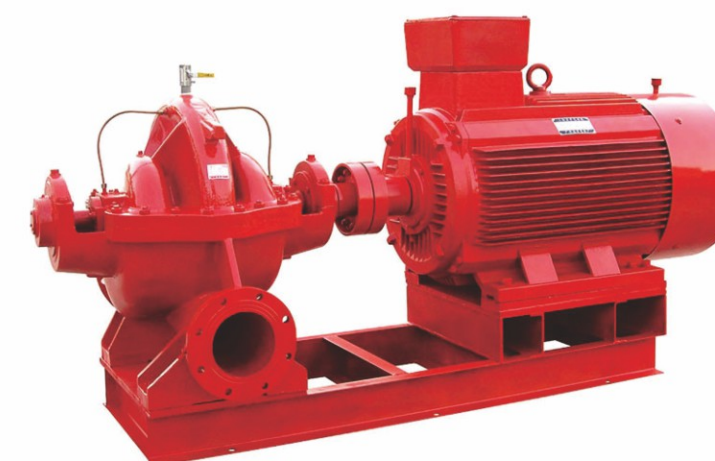
High Volume
Split Case Structure
Anti-reversion Structure

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Pressure balancing for fire system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 80-800mm (2-32inch)
Flow Rate: 22-16000m³/h
Head: 7-300m
Speed: 372-2950rpm



5. XBD-L VERTICAL MULTISTAGE FIRE PUMP



Performance and advantages

Adopting pipeline structure
Easy for installation
Space effective
Attractive appearance
High efficiency and energy saving
Wide application scope

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 25-80mm (1-3inch)
Flow Rate: 1-80m³/h
Head: up to 305m
Speed: 2900 rpm

6. XBD-L VERTICAL FIRE PUMP

Performance and advantages

Reliable performance
Small pressure change and stable performance during running
Space effective

Application Scope

Water supply for fire hydrant
Water supply for spraying system
Transportation of clean liquid in other occasions

Technical Parameters

Size: 40-200mm (1.5-8inch)
Max.flow rate: 400m³/h
Max.head: 150m
Speed: 1450-2900rpm(50HZ); 1750-3500rpm (60HZ)



7. XBC-DA(ISO) DIESEL ENGINE FIRE PUMP

Performance and advantages

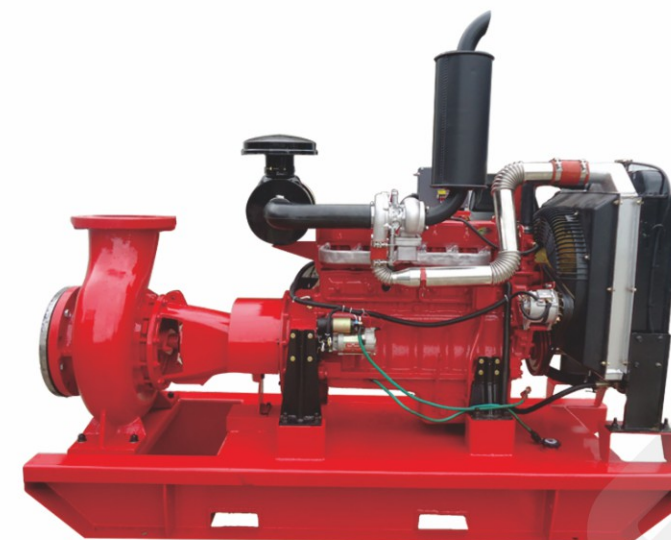
DIN24255/EN733/ISO2858 Standard
Reliable Performance
Low Power Consumption
Back-pull-out Structure Easy For Maintenance

Application Scope

Farm Irrigation
Fire Fighting
Water Supply
Marine & Ballast
Mining Dewatering
Chemical Industry
Circulation Cooling System

Technical Parameters

Size: 50-300mm (2-12inch)
Flow Rate: 2-1600m³/h
Head: 1.5-160m
Speed: 1450-2900rpm(50HZ)
1750-3500rpm (60HZ)



8. XBC-TPOW DIESEL FIRE PUMP UNIT

Performance and advantages

It can start unit automatically or manually, providing with such functions as automatic stop, complete alarm and display systems, adjustable flow and pressure, double accumulator feedback, as well as wide equipment pressure and flow range. It has also water temperature preheating device, so as to being a broad application.

Application Scope

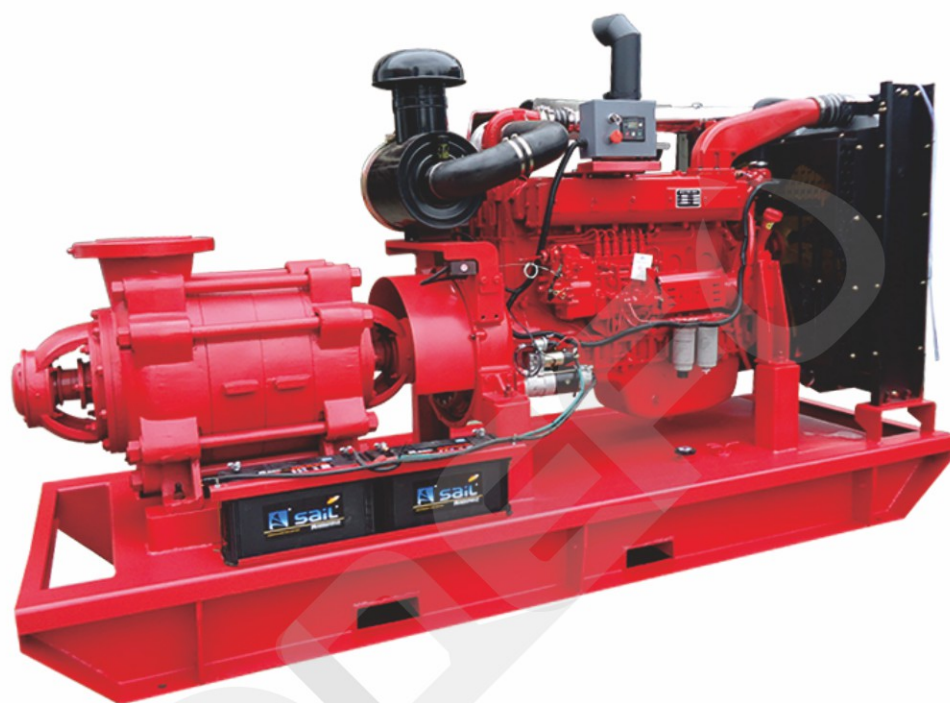
Fire control-Fire hydrant, spraying, sprinkling & cooling, foaming, and fire water monitor systems
Industry-Water supply and cooling circulation systems
Smelting-Water supply and cooling circulation systems
Military-Field water supply and island fresh water collecting systems
Heat supply-Water supply and cooling circulation systems
Public works-Emergency water drainage
Agriculture-Irrigation and drainage system

Technical Parameters

Size: 80-800mm (2-32inch)
Flow Rate: 22-16000m³/h
Head: 7-300m
Speed: 372-2950rpm



9. XBC-D DIESEL UNIT FIRE PUMP



Performance and advantages

It can start unit automatically or manually, providing with such functions as automatic stop, complete alarm and display systems, adjustable flow and pressure, double accumulator feedback, as well as wide equipment pressure and flow range. It has also water temperature preheating device, so as to being a broad application.

Application Scope

Fire control-Fire hydrant, spraying, sprinkling & cooling, foaming, and fire water monitor systems
Industry-Water supply and cooling circulation systems
Smelting-Water supply and cooling circulation systems
Military-Field water supply and island fresh water collecting systems
Heat supply-Water supply and cooling circulation systems
Public works-Emergency water drainage
Agriculture-Irrigation and drainage system

Technical Parameters

Size: 50-300mm(2-12inch)
Flow Rate: 3.75-850m³/h
Head: 19-816m
Speed: 1450-2900rpm(50HZ); 1750-3500rpm (60HZ)

10. LP DIESEL ENGINE VERTICAL TURBINE PUMP



Operation Conditions

- 1.The temperature of medium shall not be higher than 60 .
- 2.The medium shall be neutral and PH value between 6.5.
- 3.If the medium is not consistent to the requirements, specify in the order list.
- 4.The first stage impeller of pump shall be immersed in 0.5m above at min. water level and generally it is suggested to be within 2~3 m.

Applications

LP Type Long-axis Vertical Discharge Pump is mainly used for pumping sewage or waste water which are non corrosive,at the temperature lower than 60 and of which suspended substances are free of fibers or abrasive particles, content is less than 150mg/L.

LP(T) Type Vertical Discharge Pump is of wide applicability in the fields of public work, steel and iron met-allurgy, chemistry, paper-making, tapping water service, power station and irrigation and water conservancy, etc.

Technical Parameters

Flow Rate: 8-60,000m³/h
Head: 3m ~ 150m
Power: 1.5 kW ~3,600 kW

CONFIGURATION

EDJ packaged fire fighting pump

EDJ series is a packaged fire pump set, generally an automatic fire water supply system.

It consists of electric pump (main pump driven by electric motor), diesel pump (standby pump driven by diesel engine), jokey pump, pressure tank, control cabinet, check valves, gate valves, manifold pipes for suction and discharge etc. accessories. The pump can be made according to NFPA20 standard, or UL/FM Approval , base on user' s option.

Control Cabinet

- 1-The control cabinet single control the operation of diesel pump, main power source from 12V/24V battery, but it will not be out of control because of power source.
- 2-Receiving external signals such as pressure signal or strong switch signal, running independently.
- 3-The control cabinet has the function to protect the operation of diesel engine, such as high water temperature, low oil pressure etc. to make sure diesel engine will not breakdown; additional the internal with charging function, ensure the battery will not fail to start engine because of loss by long time no working.
- 4- It can be operated by manually and automatically, there are emergency stop button and alarm function on the panel.
- 5-If the user need more functions, we also reverse 3-4 programming programs for options, or please specify the required function when placing the order, we will complete the additional functions.

Diesel Pump

When jokey pump and main electric pump can not working or no power source supply, diesel pump start automatically, free from the interference of power source or other signals, the pump can be forced start to supply water according to pressure signals or on-site control center.

Advantage

Reliable: It can run in the condition of power cut
Fast: It can fully run in 15 seconds after the start signal
Use high elastic coupling, high transmission efficiency, good stability, vibration proof and energy-saving.

High Elastic Coupling

We use high elastic coupling, mainly adopt rubber module, play a role in automatic calibration and balance function, it can ensure full equipment arrived at the site, the users no need very professional operation and tools to adjust the alignment and balance for the diesel engine and pump, avoiding the pump vibration, or shaft breakage, or cylinder pulling etc. major fails because of pump shaft and engine shaft not concentric, to reduce the users' operation cost.

Jokey Pump

The main function of jokey pump: when pressure tank can not meet the pipeline pressure supply, jokey pump will start automatically, the power will much smaller than main pump, it can reduce the working time and startup time of main pump, electricity consumption was reduced.

Advantage:

Economic: Jokey pump and pressure vessel can save some electric power
Convenience: It can be remote controlled by App in phones

Pressure Tank

The main function of pressure tank : when pump to start, it will store up water automatically to make sure the enough pressure; when pipeline system loss pressure in a small range, the pressure tank will supply water automatically, no need to start pump to supply pipeline pressure. It can avoid to frequent start pump and play a role in energy conservation.

Mainfold pipe for discharge

Flexible joint
Check valve
Gate valve

Mainfold pipe for suction

Accessories

Set up the common suction and discharge pipeline, under normal circumstances, the manifold pipeline size will be bigger than pump suction and discharge, it can make sure enough water into the pump suction, to improve the pump performance; and the suction & discharge of each pump are equipped with flexible joint, gate valve which can reduce vibration , easy to maintenance; meanwhile, to install the check valve in the manifold pipeline, avoiding to damage the pump because of the pump water hammer phenomenon.
Besides, both ends of suction and discharge pipes can be connected to install the on-site pipeline. So according to the on-site pipeline conditions, easy to connect for users.

Advantage:

Simplifies piping design
Easy to commission , Reduced installation time
Less space requirement,Easy to install fire pump set at site

Electric Pump

The function of main electric pump: when jokey pump can not supply enough normal standard pressure, or when need more large capacity , start the main pump to ensure pipeline network's pressure.
The motor brand can choose ABB, SIEMENS or more high-end brands.
Under the control of control cabinet, the main electric pump can start & stop automatically. When reach to lower limits of pressure, main pump will start automatically; when pipeline pressure reach to upper limit value, main pump stop automatically, it can be effective control the working time of main pump, reduce energy consumption.

Advantage:

Motor pump is duty pump, diesel engine is for standby
Completely automatic control panel
Suitable for any emergency fire fighting occasions
Customized product

PACKAGED FIRE FIGHTING PUMP

1-EDJ Packaged Fire Pump

(Diesel pump+ Electric Motor Pump + Jokey Pump + Control Panel+ Pipes+ Accessories)



3-DJ Packaged Fire Pump

(Diesel Pump+ Jokey Pump + Control Panel+ Pipes+ Accessories)



2-EEJ Packaged Fire Pump

(Electric Pump+ Electric Pump+ Jokey Pump + Control Panel+ Pipes+ Accessories)



4-EJ Packaged Fire Pump

(Electric Pump+ Jokey Pump + Control Panel+ Pipes+ Accessories)



PACKAGE FIRE PUMP SPECIFICATIONS

Electrical +Diesel +Jokey Fire Pump	
Pump Type	GPM
Diesel Pump, 250GPM, 8Bar, 2950RPM Diesel Engine, 220V/1PH/50HZ Per set components: Diesel Pump, Control Cabinet, Flow meter and other accessories	250GPM
Diesel Pump, 350GPM, 8Bar, 2950RPM Diesel Engine, 220V/1PH/50HZ Per set components: Diesel Pump, Control Cabinet, Flow meter and other accessories	350GPM
Diesel Pump, 500GPM, 8Bar, 2950RPM Diesel Engine, 220V/1PH/50HZ Per set components: Diesel Pump, Control Cabinet, Flow meter and other accessories	500GPM
Diesel Pump, 750GPM, 10Bar, 2950RPM Diesel Engine, 220V/1PH/50HZ Per set components: Diesel Pump, Control Cabinet, Flow meter and other accessories	750GPM
Diesel Pump, 1000GPM, 10Bar, 2950RPM Diesel Engine, 220V/1PH/50HZ Per set components: Diesel Pump, Control Cabinet, Flow meter and other accessories	1000GPM

Motor Pump, 250GPM, 8Bar, 2950RPM Motor, 40HP, 50HZ/380V/3Phase Per set components: Motor Pump, Control Cabinet and other accessories	250GPM
Motor Pump, 350GPM, 8Bar, 2950RPM Motor, 50HP, 50HZ/380V/3Phase Per set components: Motor Pump, Control Cabinet and other accessories	350GPM
Motor Pump, 500GPM, 8Bar, 2950RPM Motor, 75HP, 50HZ/380V/3Phase Per set components: Motor Pump, Control Cabinet and other accessories	500GPM
Motor Pump, 750GPM, 10Bar, 2950RPM Motor, 100HP, 50HZ/380V/3Phase Per set components: Motor Pump, Control Cabinet and other accessories	750GPM
Motor Pump, 1000GPM, 10Bar, 2950RPM Motor, 125HP, 50HZ/380V/3Phase Per set components: Motor Pump, Control Cabinet and other accessories	1000GPM