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E180101
Subject to amendments



PRESENTATION

Pumping water. Pumping honor

CNP pursues high-level service for pump customers. Global water challenges require excellent pumping technology and close cooperation between pump designers, manufacturers and engineers.

In order to better meet customers' needs and requirements, CNP is expanding its operations worldwide. We've succeeded in providing timely and effective service in more than 50 countries.

CNP has set up a wide range of pumping solutions for many applications like building service, industry, irrigation and industrial process. Customers find out highest performance in booster sets, fire-fighting sets, underground water pumping, HVAC, drainage and sewage utilities, desalination and OEM production.



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PRODUCTS

TECHNICAL DATA

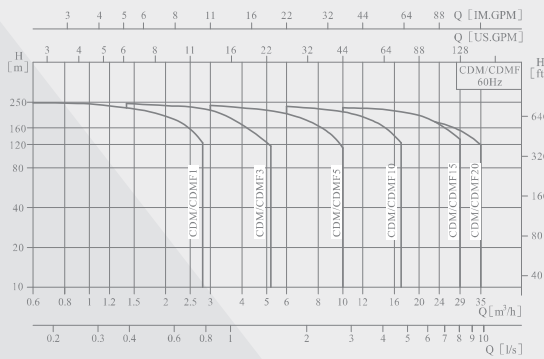
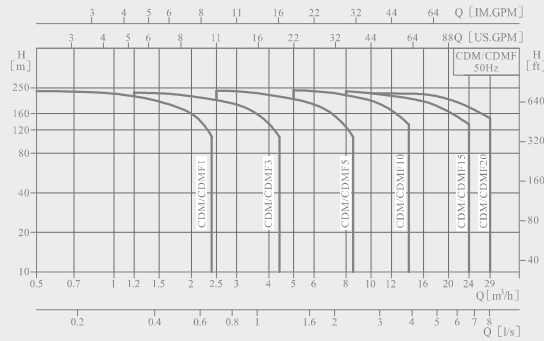
Flow rate : 0.5m³/h~35m³/h
 Head : 4m~250m
 Temp : -15°C~+120°C
 Power : 0.37kW~18.5kW
 Material : Stainless steel
 Efficiency: MEI>0.7

APPLICATIONS

CDM/CDMF pumps are designed for a variety of applications from the pumping of potable water to the pumping of industrial liquids. Applied for liquids of different temperature, different rated flow, different pressure range. CDM is suitable for non-corrosive liquid, CDMF is suitable for light corrosive liquid.



PERFORMANCE SCOPE



TECHNICAL DATA

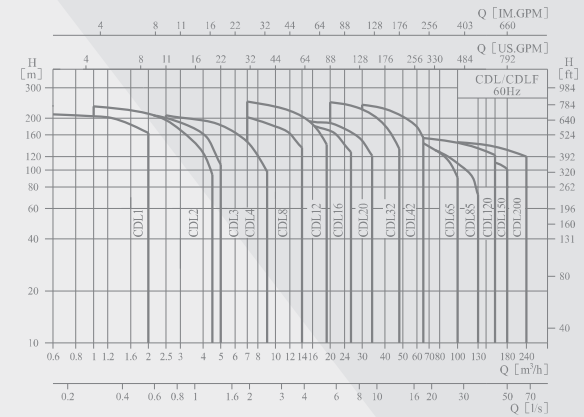
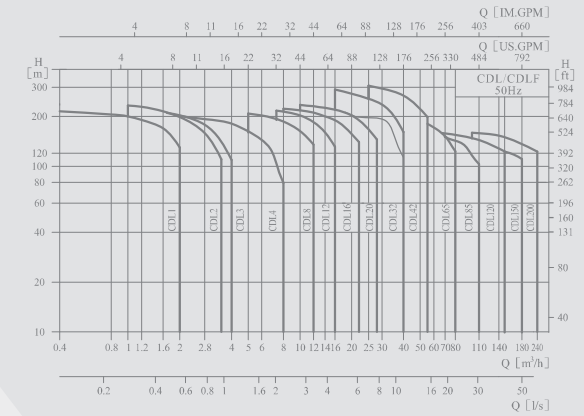
Flow rate : 0.4~240m³/h
 Head: 4~305m
 Temp : -15°C~+120°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

- Water treatment systems
- Industrial washing systems
- Water supply systems
- Firefighting systems
- Cooling & air-conditioning systems
- Boiler feed systems
- Other industrial applications



PERFORMANCE SCOPE



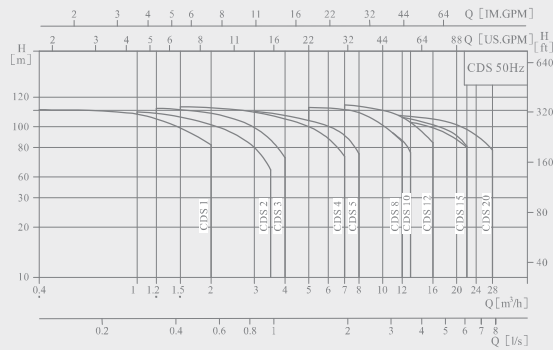
TECHNICAL DATA

Flow rate : 0.4m³/h~28m³/h
 Head : 4m~108m
 Temp : -15°C~+70°C
 Power : 0.37kW~7.5kW
 Material : Stainless steel

APPLICATIONS

- CDS pumps are mainly used in industrial field:
- Water supply
- Industrial boosting
- Cooling system
- Industrial cleaning(Machine washing)
- Water treatment
- Aquaculture(Irrigation)
- Other special application

PERFORMANCE SCOPE



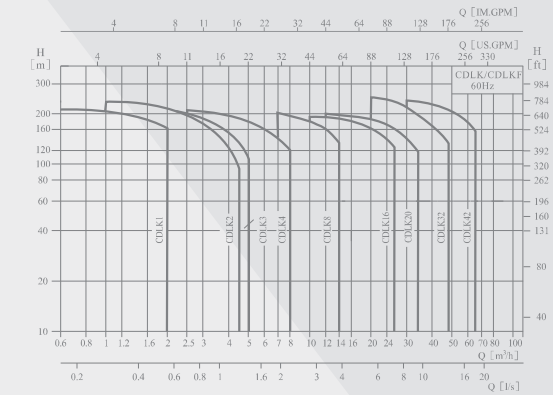
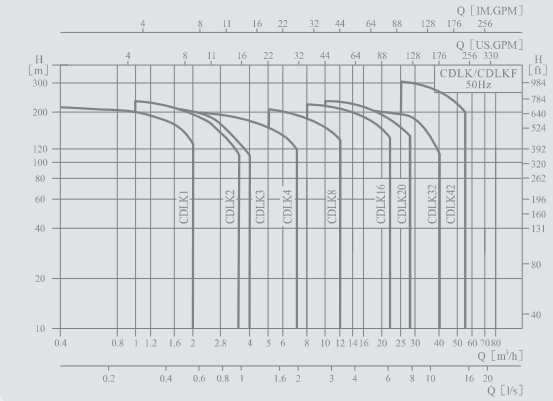
TECHNICAL DATA

Flow rate : 0.4~65m³/h
 Head : 6~305m
 Temp : -15°C~+105°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

- Machine tools cooling systems
- Industrial washing systems
- Chiller units
- Industrial filtration systems
- Other industrial applications

PERFORMANCE SCOPE



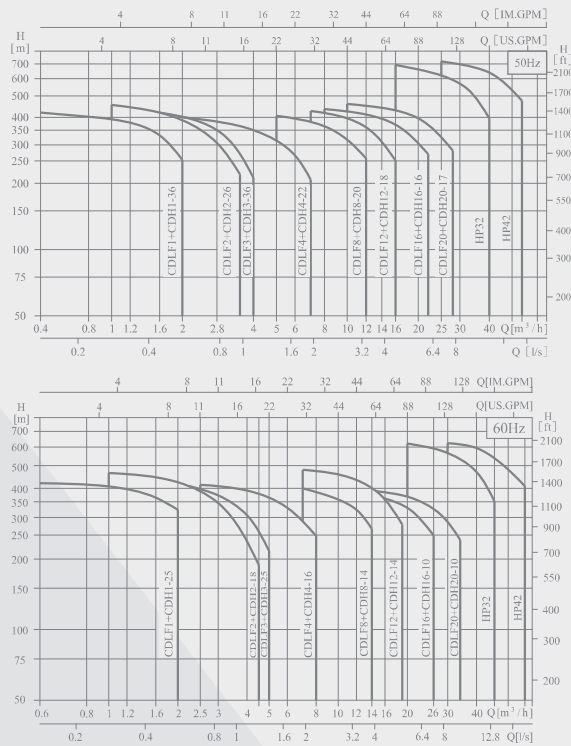
TECHNICAL DATA

Flow rate : 0.4~65m³/h
 Head : 110~718m
 Temp : -15°C~+120°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

MF/UF/NF/RO systems
 High pressure washing systems
 Industrial boosting systems
 Other industrial applications

PERFORMANCE SCOPE



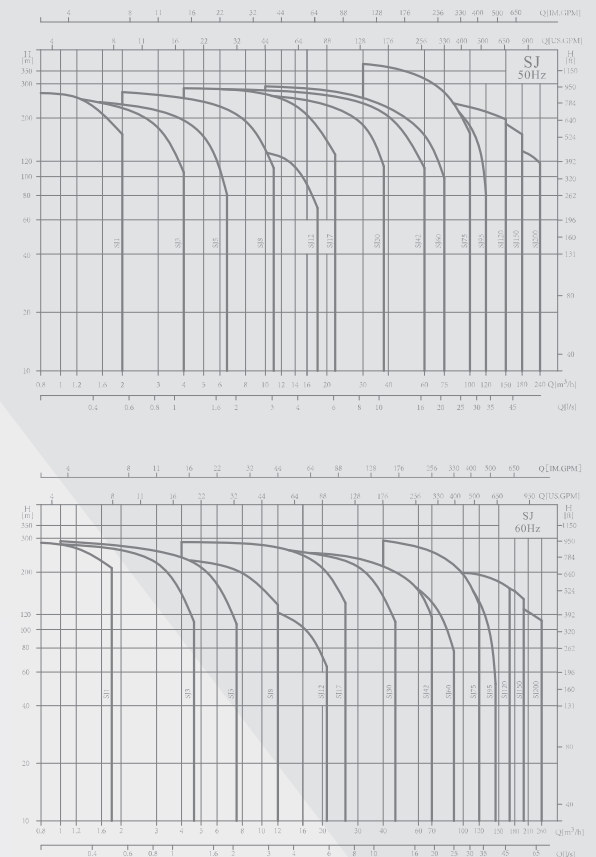
TECHNICAL DATA

Flow rate : 0.2~260m³/h
 Head : 4~381m
 Temp : max.+25°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

Groundwater pumping
 Water supply systems
 Ground source heat pump systems
 Groundwater lowering
 Irrigation in horticulture & agriculture
 Other industrial boosting systems

PERFORMANCE SCOPE



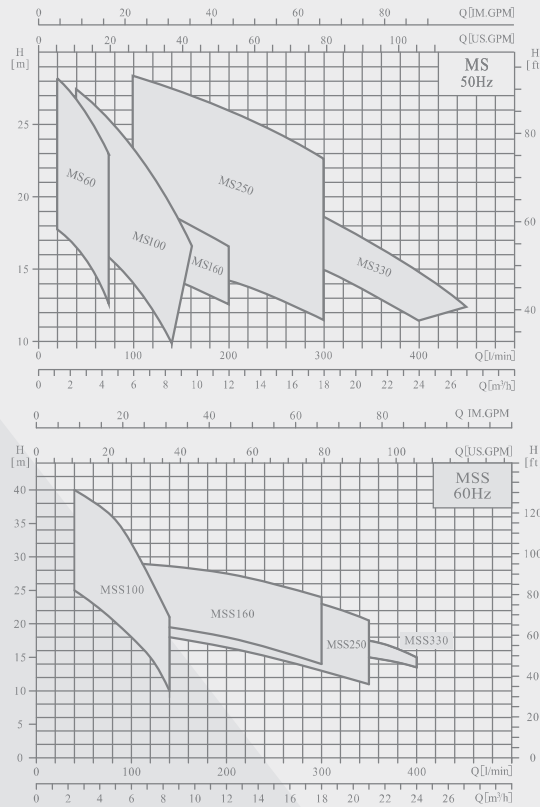
TECHNICAL DATA

Flow rate : 1.2~27m³/h
 Head : 10~40m
 Temp: -10°C~+85°C
 Voltage: 220V/380V
 Material: Stainless steel

APPLICATIONS

- Water treatment systems
- Water supply for family houses
- Water supply for small hotel
- Small office buildings
- Family gardening irrigation systems
- Other pressure boosting systems

PERFORMANCE SCOPE



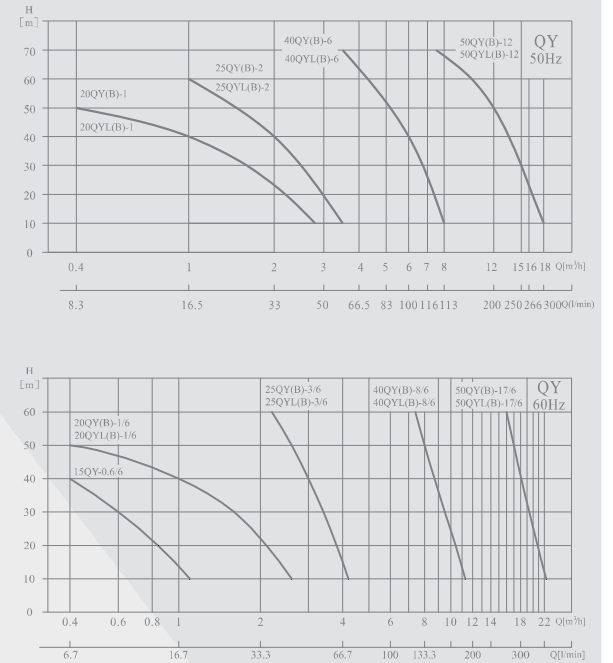
TECHNICAL DATA

Flow rate : 0.4~18m³/h
 Head : 10~70m
 Temp: -15°C~+105°C
 Voltage: 220V/380V
 Material: Stainless steel

APPLICATIONS

- Air–float treatment facilities
- Ozone water generator
- Heavy–oxygen–enriched water generator
- Biochemical aeration devices
- Other industrial applications

PERFORMANCE SCOPE



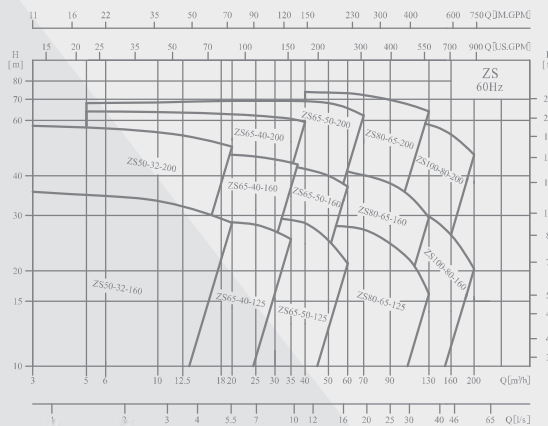
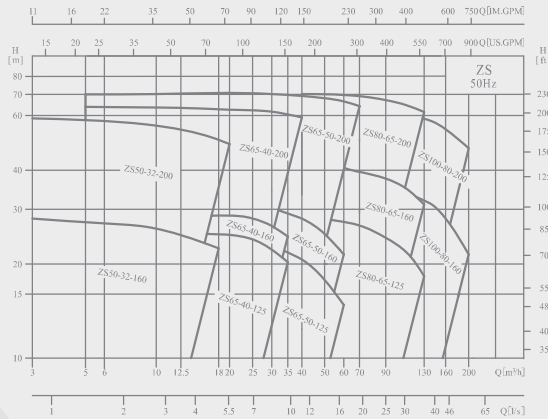
TECHNICAL DATA

Flow rate : 3~200m³/h
 Head : 8.8~73.7m
 Temp: -20°C~+100°C
 Voltage: 220V/380V
 Material: Stainless steel

APPLICATIONS

Water treatment systems
 Other pressure boosting systems

PERFORMANCE SCOPE



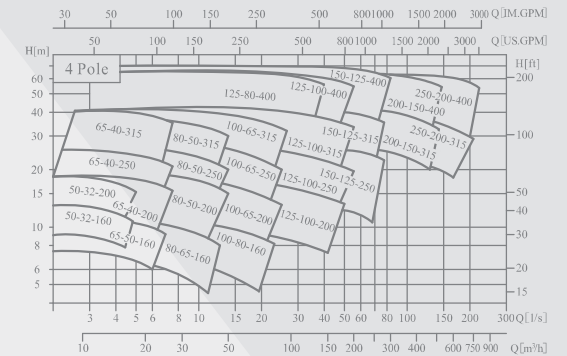
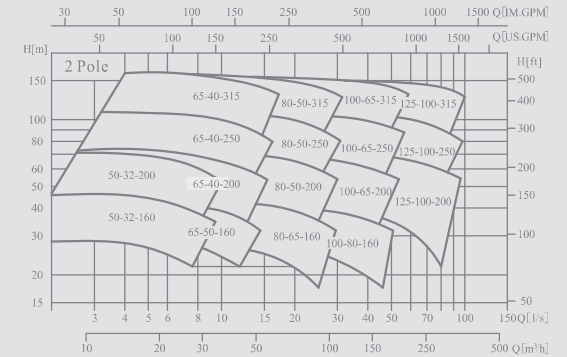
TECHNICAL DATA

Flow rate : 3~1200m³/h
 Head : 4~160m
 Temp: -15°C~+110°C
 Voltage : 220V/380V
 Material : Stainless steel/Cast iron

APPLICATIONS

Water treatment systems
 HVAC systems
 District heating
 Industrial cooling systems
 Firefighting systems
 Other pressure boosting systems

PERFORMANCE SCOPE



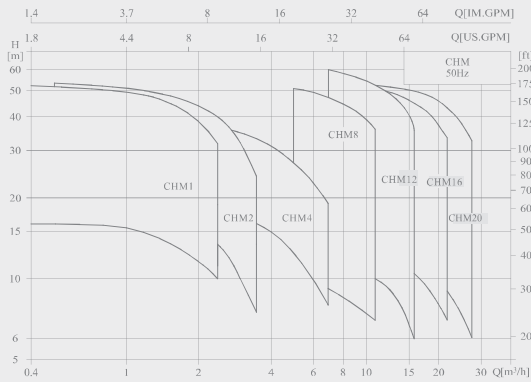
TECHNICAL DATA

Flow rate : 0.4m³/h~28m³/h
 Head : 6m~60m
 Temp : -15°C~+105°C
 Power : 0.25kw~4.4kW
 Material : Stainless steel

APPLICATIONS

- CHM series pump is mainly used in industry.
- Air Conditioning System
- Cooling System
- Water Treatment(Water Purification)
- Aquaculture
- Fertilization/Measuring system
- Environmental Application
- Other specific Applications

PERFORMANCE SCOPE



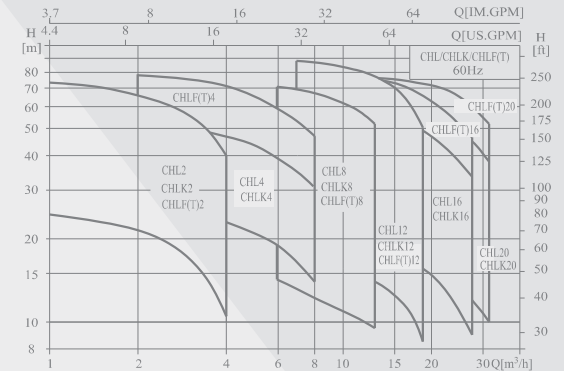
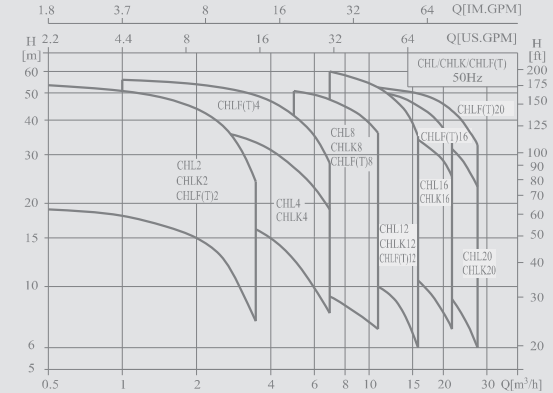
TECHNICAL DATA

Flow rate : 0.5~32m³/h
 Head : 6~88m
 Temp : -15°C~+105°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

- Water treatment systems
- Industrial cooling systems
- Industrial washing systems
- Small central air-conditioning systems
- Other industrial applications

PERFORMANCE SCOPE



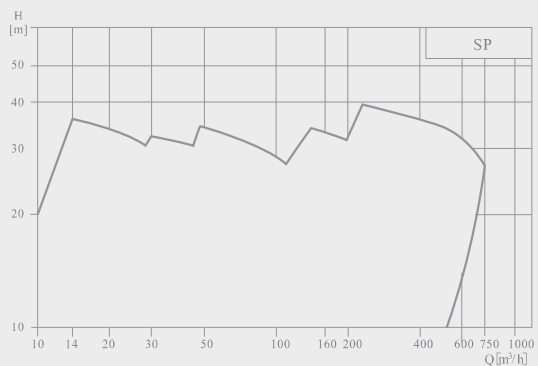
TECHNICAL DATA

Flow rate : 10~750m³/h
 Head : 3~38m
 Temp: 0°C~+40°C
 Voltage : 220V/380V
 Material : Cast iron/Ductile iron

APPLICATIONS

- Municipal sewage drainage
- Paper-making industry
- Textile industry
- Food & drug factory
- Chemical industry
- Mining
- Aquaculture
- Other sewage drainage systems

PERFORMANCE SCOPE



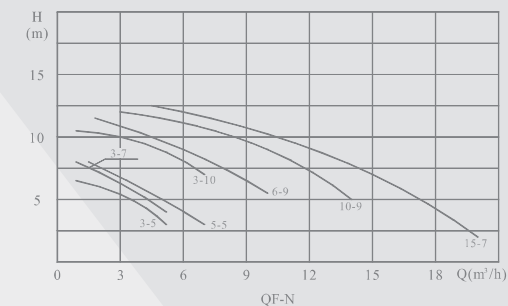
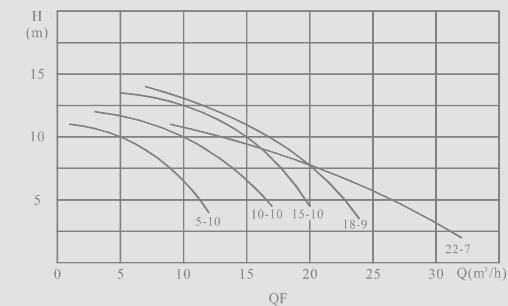
TECHNICAL DATA

Flow rate : 3m³/h~22m³/h
 Head : 5m~10m
 Temp : -15°C~+40°C
 Power : 0.12kw~1.1kW
 Material : Stainless steel
 Submersible pump,max submerged depth is 5m.

APPLICATIONS

- Garden irrigation, cultivation, municipal flood drainage and fountain;
- Sea water or similar as water which contains normal corrosive liquid;
- Drainage for river water, lake, rain water.

PERFORMANCE SCOPE



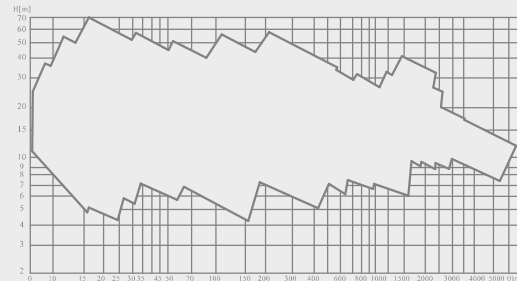
TECHNICAL DATA

Flow rate : 3~1800m³/h
 Head : 2~66m
 Temp : 0°C~+40°C
 Voltage : 220V/380V
 Material : Cast iron/Stainless steel

APPLICATIONS

- Municipal water supply plants
- Storm water drainage
- Sewage & wastewater pumping
- Digested sludge transferring
- Cooling water transferring
- Industrial water drainage
- Agriculture irrigation
- Other industrial applications

PERFORMANCE SCOPE



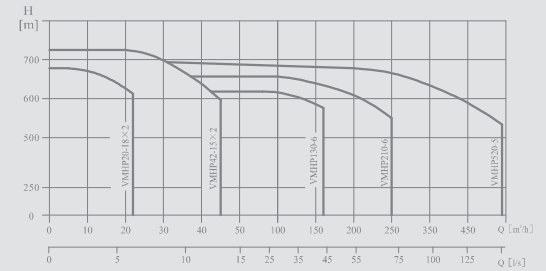
TECHNICAL DATA

Flow rate : 5~540m³/h
 Head : 533~725m
 Temp : ambient temperature
 Voltage : 380V/660V/3000V/6000V
 Material : Stainless steel/Super austenitic stainless steel

APPLICATIONS

R/O seawater desalination

PERFORMANCE SCOPE



TECHNICAL DATA

Flow rate : 0~212m³/h
 Head : 7~60m
 Temp : 0°C~+40°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

Residential buildings sewage discharge
 Pubic buildings sewage discharge
 Industrial sewage or waste water discharge
 Water discharge in other places



TECHNICAL DATA

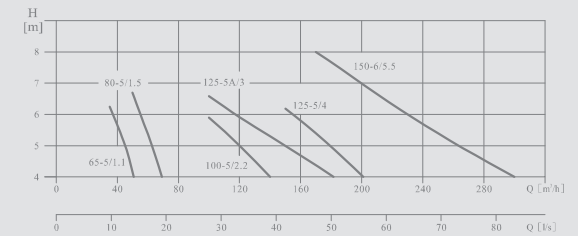
Flow rate : 35~300m³/h
 Head : 4~8m
 Temp : -15°C~100°C
 Voltage : 220V/380V
 Material : Cast iron/Stainless steel

APPLICATIONS

Water circulation of closed cooling tower and condenser
 Cooling of various unit equipment



PERFORMANCE SCOPE



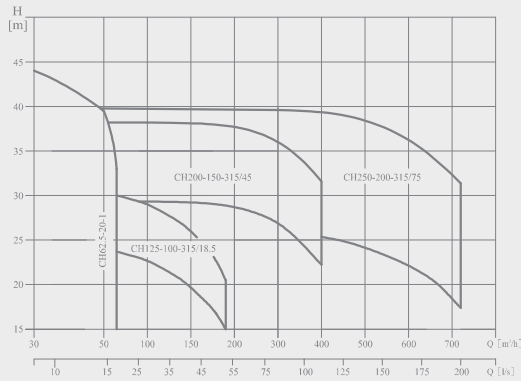
TECHNICAL DATA

Flow rate : 30–720m³/h
 Head : 20.5–44m
 Temp : ambient temperature
 Voltage : 380V
 Material : Duplex stainless steel/Super austenitic stainless steel

APPLICATIONS

R/O seawater desalination

PERFORMANCE SCOPE



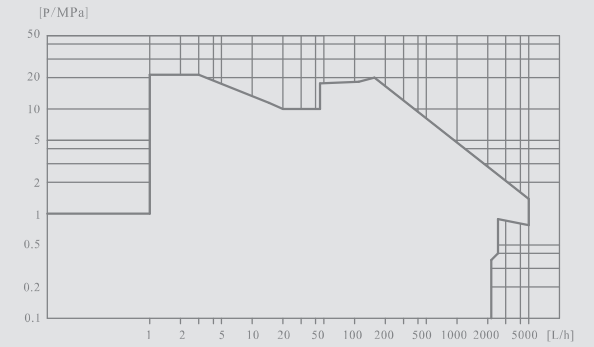
TECHNICAL DATA

Flow range : 2L/h~1800L/h
 Maximum discharge pressure : 12bar
 Regulating ratio : 10:1
 Steady precision : ±2%
 Inhaled hoisting height : 3m spout
 Maximum suction pressure : 2 bar
 Maximum temperature of absorption material : 40°C

APPLICATIONS

Water treatment process of municipal, industrial water and waste water or swimming pool

PERFORMANCE SCOPE



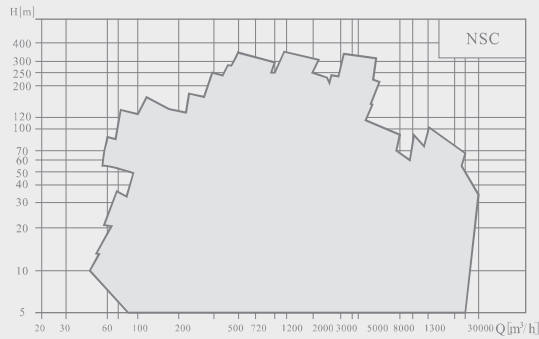
TECHNICAL DATA

Flow rate : 90~20000m³/h
 Head : 11~230m
 Temp : max.+105°C
 Speed : 50Hz:2980/1480/980/
 740/590rpm
 60Hz:3500/1750/1180/
 890/710
 Material : Cast iron/cast steel/
 stainless steel

APPLICATIONS

Water supply plants
 District heating systems
 Air-conditioning systems
 Industrial cooling systems
 Seawater desalination systems
 Petrochemical industry
 Firefighting systems
 Other industrial applications

PERFORMANCE SCOPE



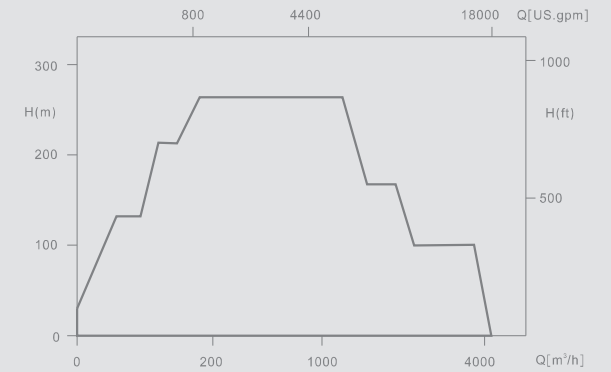
TECHNICAL DATA

Flow rate : max.1000-8000m³/h
 Head : max.20m
 Temp : max.+200°C
 Speed : 980/740/590/490rpm
 Material : Cast iron/cast steel/
 stainless steel

APPLICATIONS

Agricultural irrigation
 Industrial & municipal drainage
 Sewage transferring
 Construction projects drainage
 Lake desilting drainage
 Sandy water transferring

PERFORMANCE SCOPE



PUMP TYPE

KDY: Designed according to API610 BB3
 NDS: Designed for water pumping

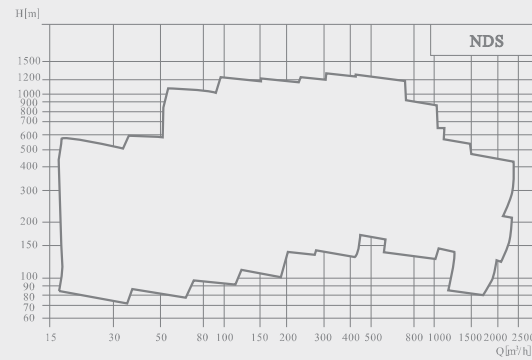
TECHNICAL DATA

Flow rate : max.5000m³/h
 Head : 1200m
 Temp: max.+200°C
 Speed : 2900/1450/980/740rpm
 Material : Cast iron/cast steel/
 stainless steel

APPLICATIONS

Waste water & oil , residual oil transferring
 Crude oil & product oil transferring
 Water supply pipelines
 Long-distance water transferring
 High pressure water injectiong
 Seawater desalination

PERFORMANCE SCOPE



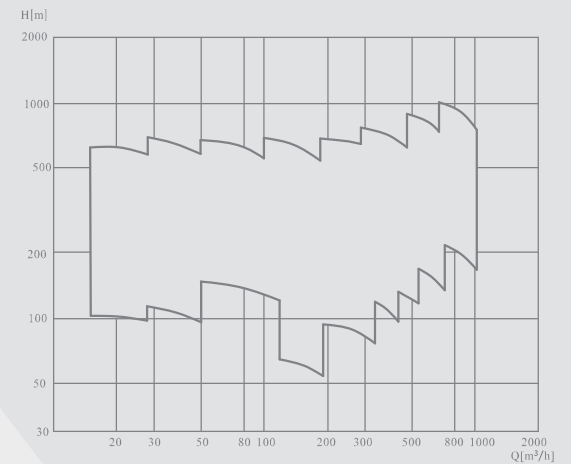
TECHNICAL DATA

Flow rate : 3.75~1020m³/h
 Head : 19~1080m
 Temp : max.80°C
 Material : Cast iron/cast steel/
 stainless steel

APPLICATIONS

Municipal water supply & drainage
 Small boiler feed systems
 Water supply for high buildings
 Mining drainage
 Seawater desalination
 Gardening irrigation systems
 Firefighting systems
 Other industrial systems

PERFORMANCE SCOPE



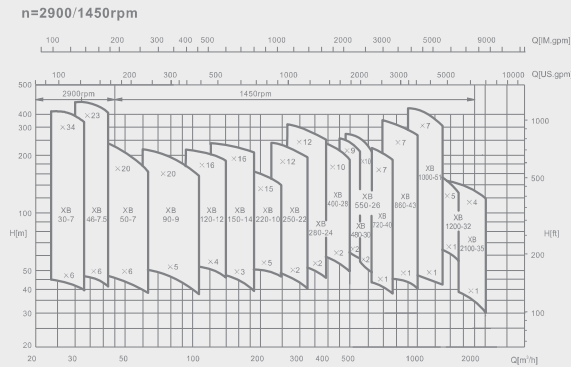
TECHNICAL DATA

Flow rate : max.50000m³/h
 Head : max.300m
 Temp : max.+35°C
 Speed : 2900/1480/980/730/
 590/490/370rpm
 Material : Stainless steel

APPLICATIONS

- Municipal water supply systems
- Flood control and drainage
- Water lifting from deep-well
- Agricultural irrigation
- Mining drainage
- Seawater desalination systems
- Firefighting systems
- Other industrial applications

PERFORMANCE SCOPE



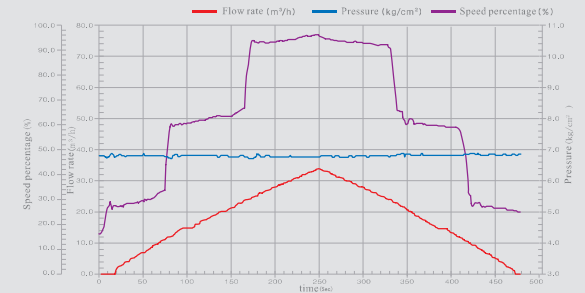
TECHNICAL DATA

Flow rate : 0.4~1440m³/h
 Head : 4~305m
 Temp : 0°C~+70°C
 Voltage : 380V
 Material : Stainless steel

APPLICATIONS

- Water supply for residential & public buildings
- Garden irrigation
- Water supply for industrial uses
- Other applications

PERFORMANCE SCOPE



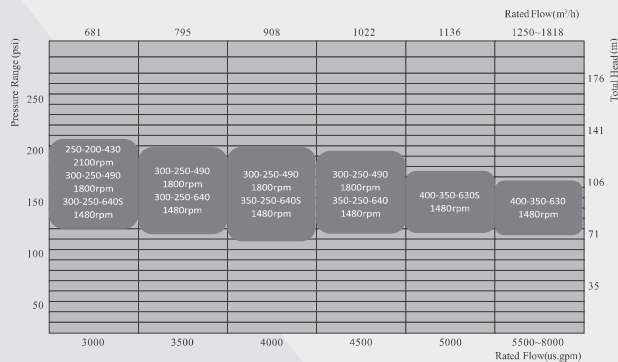
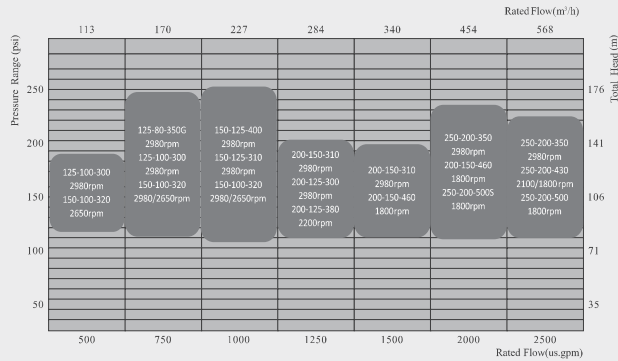
TECHNICAL DATA

Flow rate : 500~6000 GPM
 Head : 40~251 PSI
 Material : Cast iron
 With diesel engine
 Power : 55~7400kW
 Speed : 1480~3550rpm
 With electric motor
 Voltage : 380V~11000V

APPLICATIONS

- Oil depots
- Oil jetties
- Offshore platforms
- Substations
- Power plants
- Metallurgy industry
- Mining
- Steel works
- Municipal industry

PERFORMANCE SCOPE



TECHNICAL DATA

Voltage : AC220V
 Power : 60W
 Volume : 3L
 Standby time : 1~999 min.
 Single work time : 1~999 sec.
 Pressure test : Yes
 Oilpipe specification : Φ4/Φ6
 PN : 15kg/cm²

APPLICATIONS

- Punching machine
- Press machine
- Shear plate bending machine
- Injection molding machine
- Die casting machine



Precision casting

Casting capacity

Weight : 0.02~260kg

Diam : 10~1000mm

Min Thickness : 2mm

Min Hole Diam : 3mm



Sand casting

Casting capacity

Weight : 1~5000kg

Diam : 30~3000mm

Min Thickness : 8mm

Min Hole Diam : 18mm



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