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E210103
Subject to amendments



COMPANY PROFILE

Pumping Water Pumping Honor

Nanfang Pump Industry Co.,Ltd (CNP),as a subsidiary of Nanfang Zhongjin Environment Co.,Ltd, was founded in 1991,and listed on Shenzhen Stock Exchange on December 9,2010 with stock code 300145.

As one of the earliest enterprise specializing in R&D and large scale production of stainless steel stamping and welding centrifugal pump in China,CNP is currently the professional manufacturer with the biggest production and marketing in this industry.As the drafting unit of some national pump standards,CNP has over 20 holding pump manufacturing subsidiaries,and take lead in product scope,sales volume and production quality in China and even Asia.

CNP has a complete sales network both in domestic and overseas market ,exporting to over 60 countries and regions overseas,maintaining long-term and strong relationship with our clients.With over 800,000 annual pump output,we have over 32 different pump product series including centrifugal pump, sewage pump, deep-well pump etc.Products have been widely applied in various fields like water treatment, water supply and drainage, HVAC, industrial application, seawater desalination, energy and power etc.

CNP, an expert of green water power beside you.



CNP headquarter



CNP-Tsurumi joint venture



CNP Nanfeng Foundary



CNP NM FIRE



CNP SAIPO dosing pump



CNP CHANGHE



Export factory

PRODUCTION BASE



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PRODUCTS

CDM/CDMF

Light Vertical Multistage Centrifugal Pump

/ 01

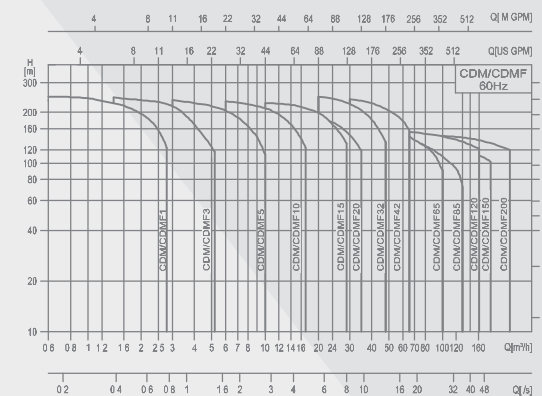
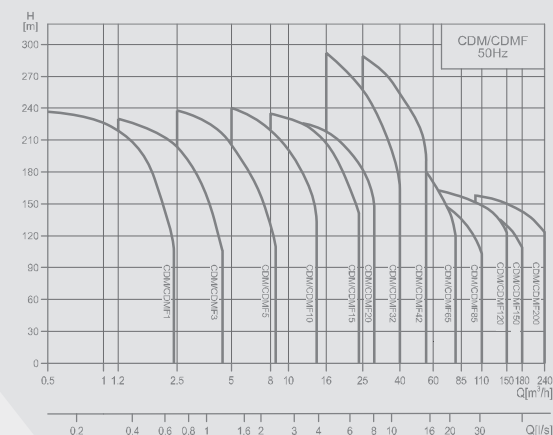
TECHNICAL DATA

Flow rate : 0.5m³/h~240m³/h
Head : 4m~305m
Temp : -15°C~+120°C
Power : 0.37kW~110 kW
Material : Stainless steel

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

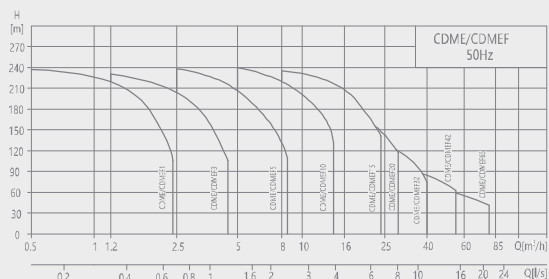
Flow rate : 0.5m³/h ~ 80m³/h
 Head : 4m ~ 240m
 Liquid temperature:
 Normal type: -15°C to 70°C;
 Hot water type: -15°C to 120°C
 Material : Stainless steel/cast iron
 Input power supply: 50Hz, 3 × 380V
 Power range: 1.5kW~15kW
 Frequency range: 30Hz~50Hz
 Pressure adjustment range: 0.1bar
 Protection class: IP55

APPLICATIONS

Secondary water supply for high buildings
 Industrial boosting system
 Industrial liquid transportation
 HVAC system



PERFORMANCE SCOPE



TECHNICAL DATA

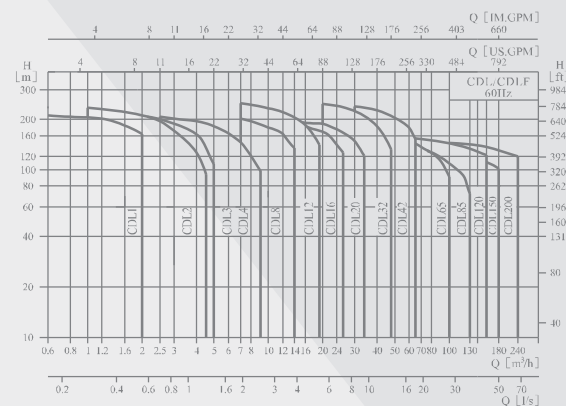
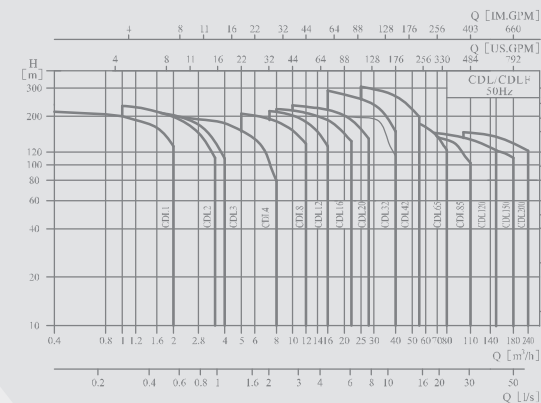
Flow rate : 0.4~240m³/h
 Head: 4~305m
 Temp : -15°C~+120°C
 Voltage : 220V/380V
 Material : Stainless steel

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

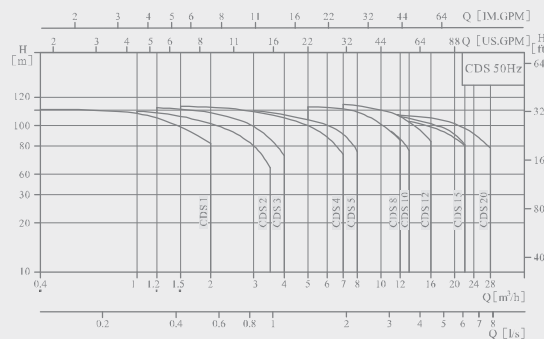
Flow rate : 0.4m³/h~28m³/h
 Head : 4m~108m
 Temp : -15°C~+70°C
 Power : 0.37kW~7.5kW
 Material : Stainless steel

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

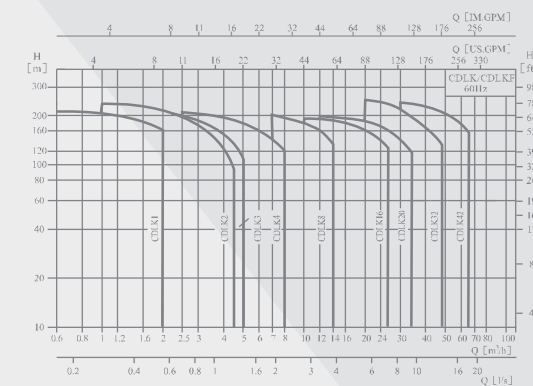
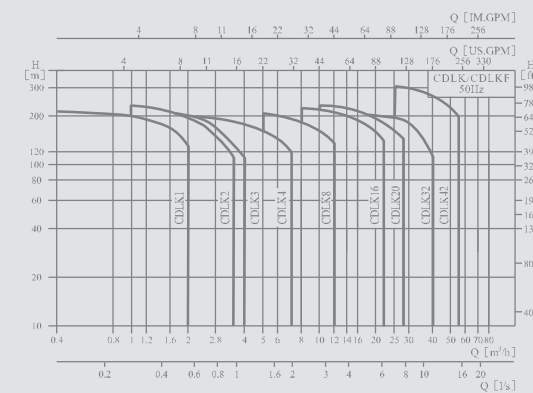
Flow rate : 0.4~65m³/h
 Head : 5~305m
 Temp : -15°C~+105°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

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



PERFORMANCE SCOPE

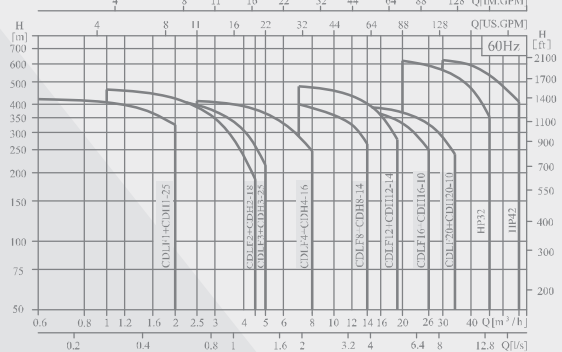
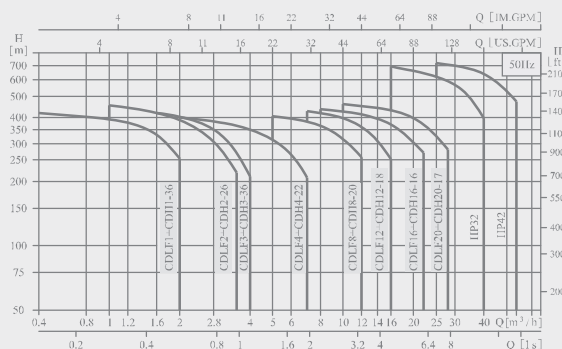


TECHNICAL DATA

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

APPLICATIONS

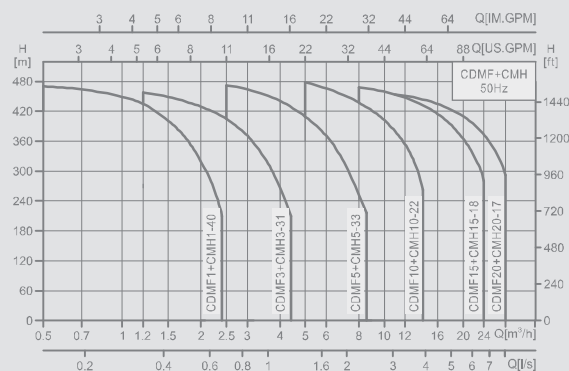
MF/UF/NF/RO systems
 High pressure washing systems
 Industrial boosting systems
 Other industrial applications

PERFORMANCE SCOPE

TECHNICAL DATA

Flow : 0.5m³/h~29m³/h
 Head : 108m~478m
 Power : 2.57kW~37kW
 Liquid temperature : -15°C~+120°C
 Frequency : 50Hz

APPLICATIONS

Water treatment ultra-filtration system
 RO systems
 Boosting system
 High pressure washing system

PERFORMANCE SCOPE


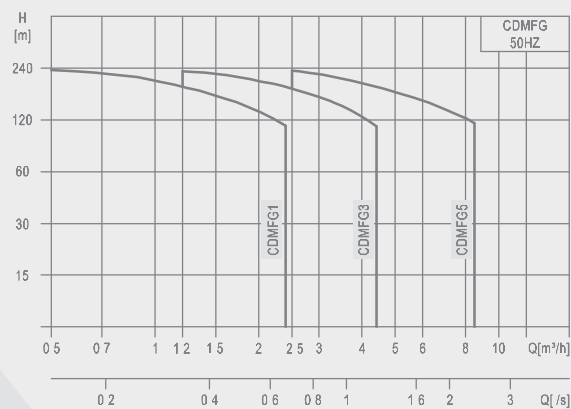
TECHNICAL DATA

Flow range: 0.5~8.5 m³/h
Head range: 4~249m
Liquid temperature range: -15~180°C
Max.working pressure: 25bar

APPLICATIONS

Hot water boilers
High temperature steam sterilization
Environmental water treatment
Water supply and drainage
HVAC
Other Industrial applications

PERFORMANCE SCOPE



TECHNICAL DATA

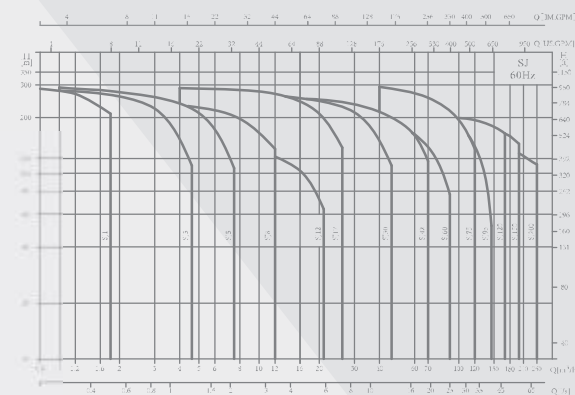
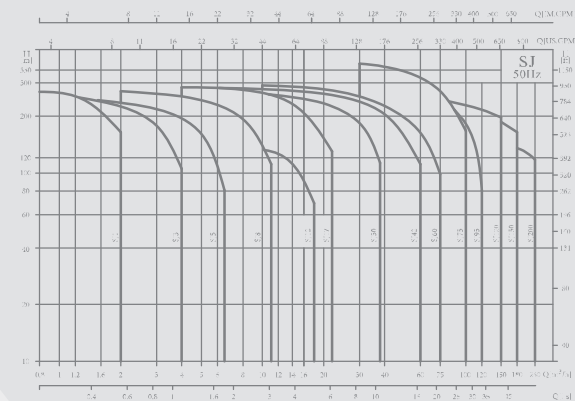
Flow rate : 0.2~260m³/h
Head : 4~381m
Temp : max.+25°C
Voltage : 220V/380V
Material : Stainless steel
Note: PQ series pumps are expert
Stainless Steel Submersible Fountain
Pump equipped with NEMA motor.

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

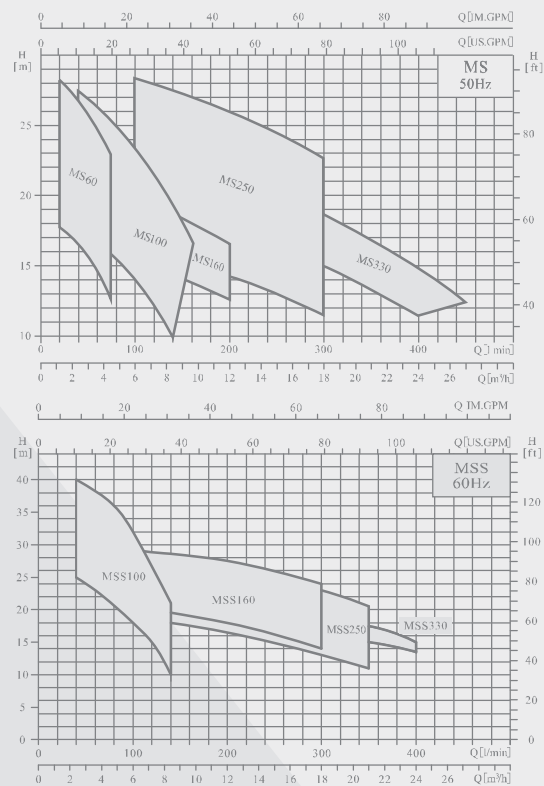
Flow rate : 1.2~27m³/h
 Head : 10~40m
 Temp: -10°C~+85°C
 Voltage: 220V/380V
 Material: Stainless steel

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

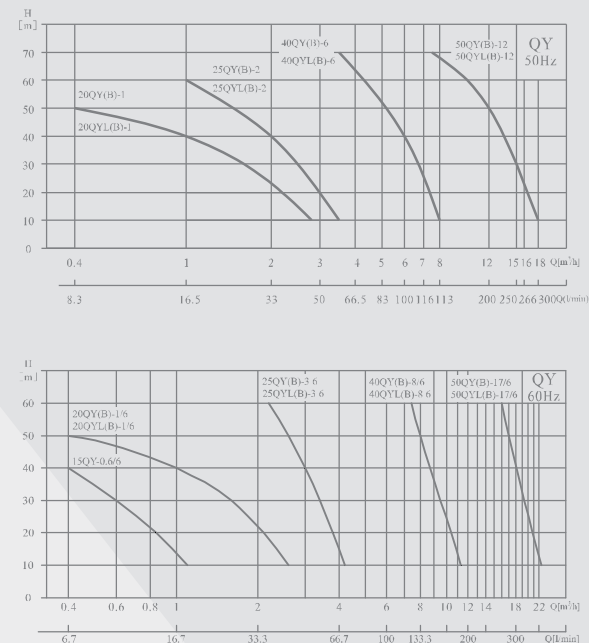
Flow rate : 0.4~18m³/h
 Head : 10~70m
 Temp: -15°C~+105°C
 Voltage: 220V/380V
 Material: Stainless steel

APPLICATIONS

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



PERFORMANCE SCOPE



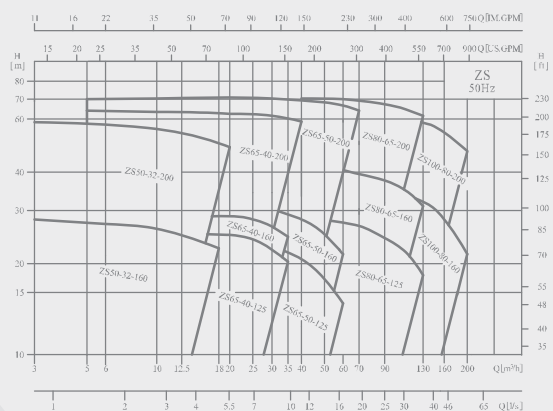
TECHNICAL DATA

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



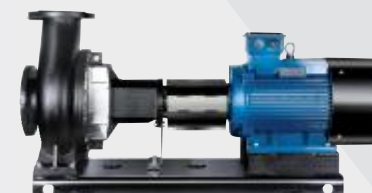
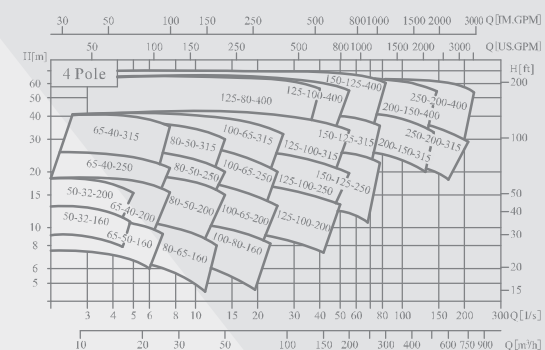
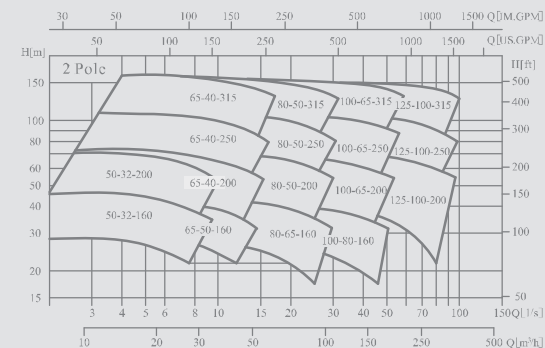
TECHNICAL DATA

Flow rate : Max1200m³/h
 Head : Max160m
 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

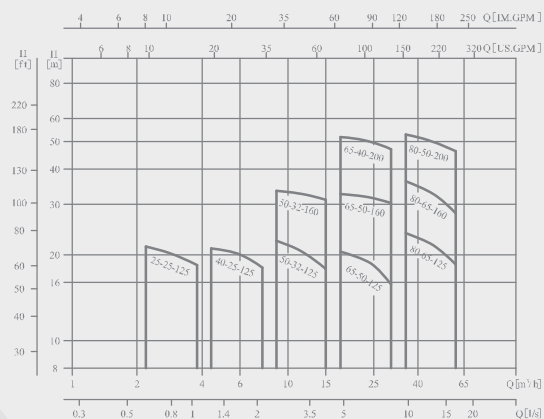
Flow rate : 2.2~60m³/h
 Head : 16~52m
 Temp : -20°C~+120°C
 Voltage : 220V/380V
 Material : FEP, PVDF, Cast iron

APPLICATIONS

Alkali & acid production
 Metal smelting industry
 Chemical synthesis
 Paper-making industry
 Textile dyeing and finishing systems
 Pickling processes in electroplating
 Other corrosive liquids transferring



PERFORMANCE SCOPE



TECHNICAL DATA

Flow : 3m³/h ~ 200m³/h
 Head : 2m~32m
 Liquid temperature : 5°C ~ 50°C / -20°C ~ 100°C
 Material: Engineering plastic/Stainless steel

APPLICATIONS

Domestic and commercial swimming pool
 Water park
 Water landscape
 Seawater farming
 Hot spring spa

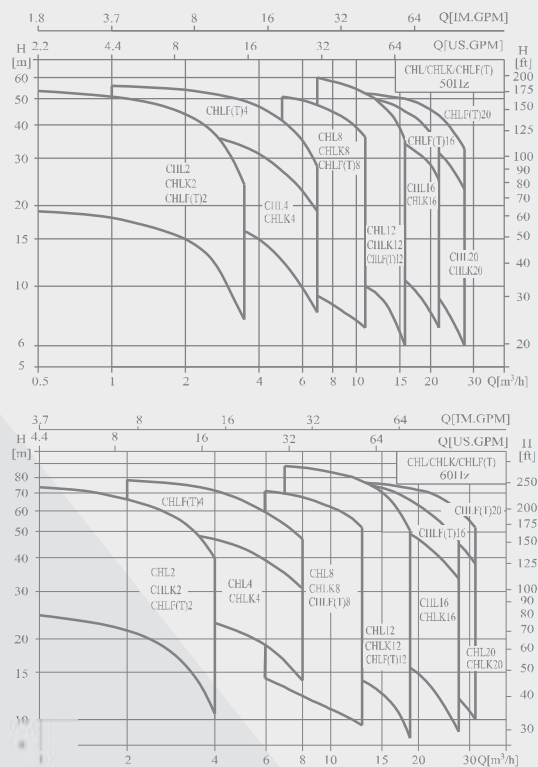


TECHNICAL DATA

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

APPLICATIONS

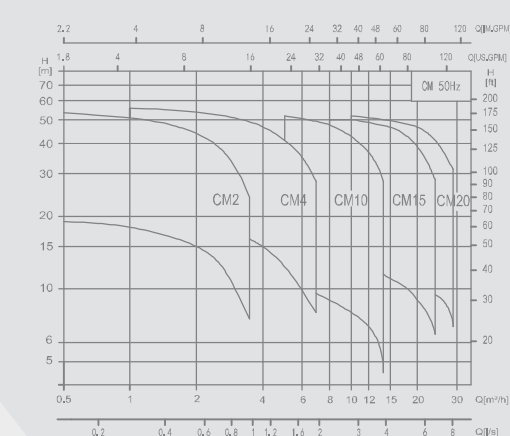
Water treatment systems
 Industrial cooling systems
 Industrial washing systems
 Small central air-conditioning systems
 Other industrial applications

PERFORMANCE SCOPE

TECHNICAL DATA

Flow range: 0.5~29m³/h
 Head range: 7.5~58m
 Liquid temperature range: -15~105°C
 Max.Ambient temperature: 40°C
 Max.working pressure: 10bar

APPLICATIONS

HVAC
 Cooling system
 Industrial cleaning
 Water treatment
 Aquaculture
 Fertilization and metering system
 Other specific applications

PERFORMANCE SCOPE


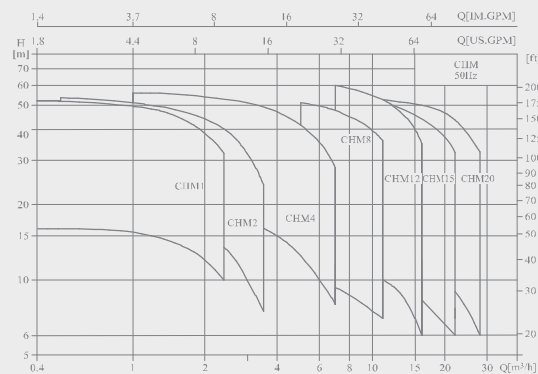
TECHNICAL DATA

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



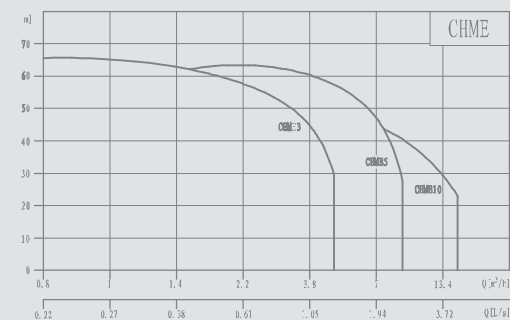
TECHNICAL DATA

Flow range: 0.8~17m³/h
 Head range: 6.2~62.5m
 Temperature range: -15~105°C
 Frequency conversion range: 30~60 Hz

APPLICATIONS

Filtration water system
 Industrial water circulation system
 Cooling water system
 Urban residential home water
 Supply system

PERFORMANCE SCOPE



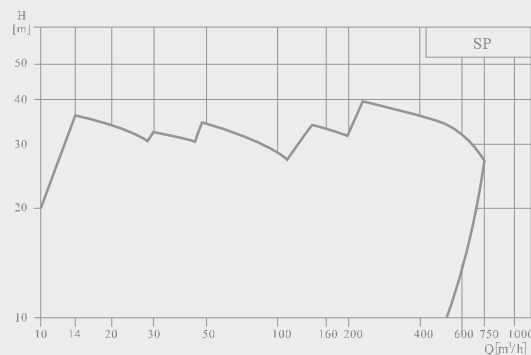
TECHNICAL DATA

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



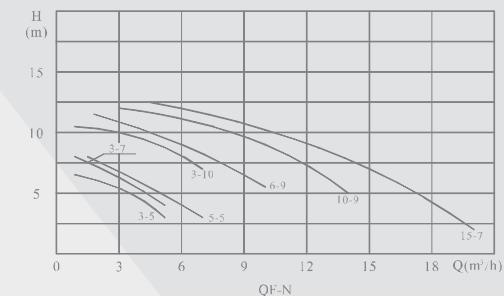
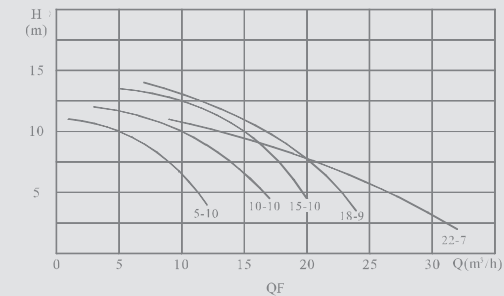
TECHNICAL DATA

Flow rate : 3m³/h~22m³/h
 Head : 5m~10m
 Temp : -15°C~+40°C
 Power : 0.12kw~1.5kW
 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



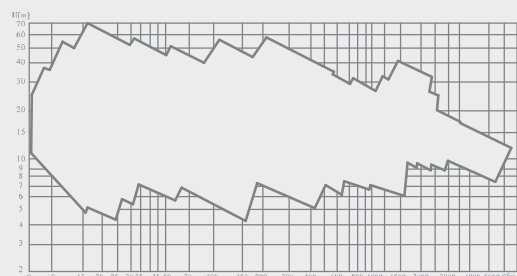
TECHNICAL DATA

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



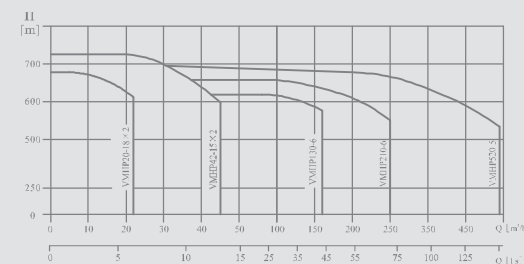
TECHNICAL DATA

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



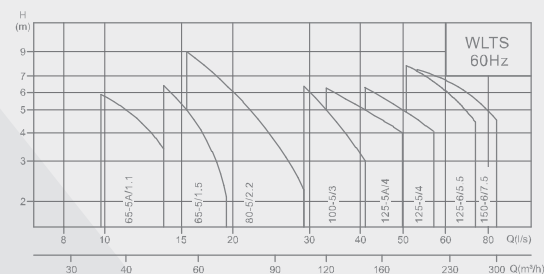
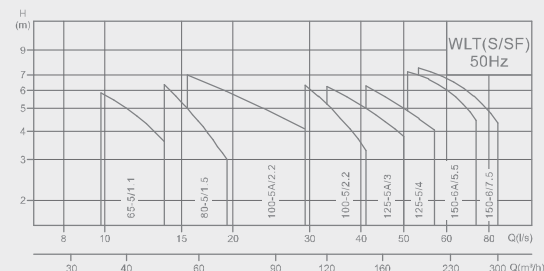
TECHNICAL DATA

Flow rate : 35–300m³/h
 Head : 4–9m
 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



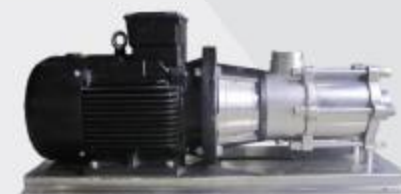
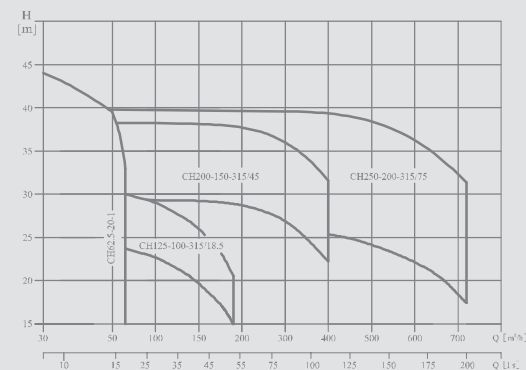
TECHNICAL DATA

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 : $\pm 2\%$
 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



TECHNICAL DATA

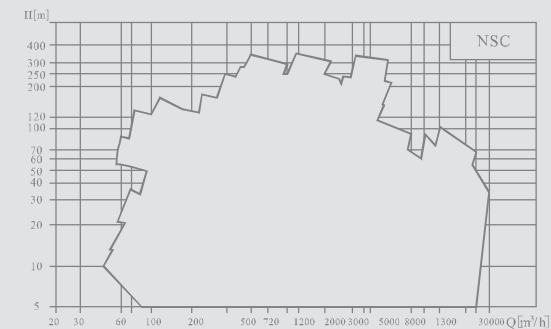
Flow rate : 90~20000m³/h
 Head : 11~230m
 Temp : max. +105°C
 Speed : 50Hz:2980/1480/980/
 740/590rpm
 60Hz:3500/1750/1180/
 890/710
 Material : Cast iron/cast steel
 stainless steel

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

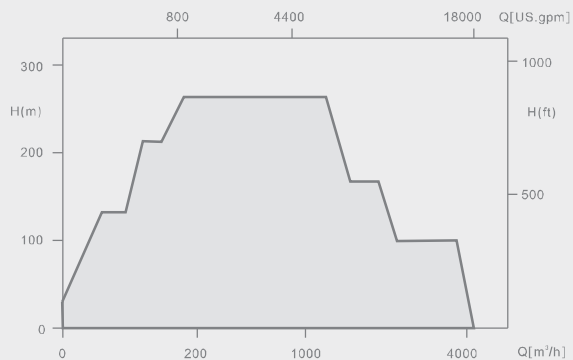
Flow rate : max.1000-8000m³/h
 Head : max.20m
 Temp : max.+200°C
 Speed : 980/740/590/490rpm
 Material : Cast iron/cast steel/
 stainless steel

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

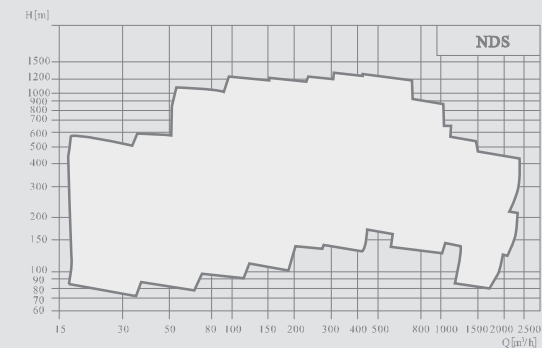
TECHNICAL DATA

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 injection
 Seawater desalination

PERFORMANCE SCOPE



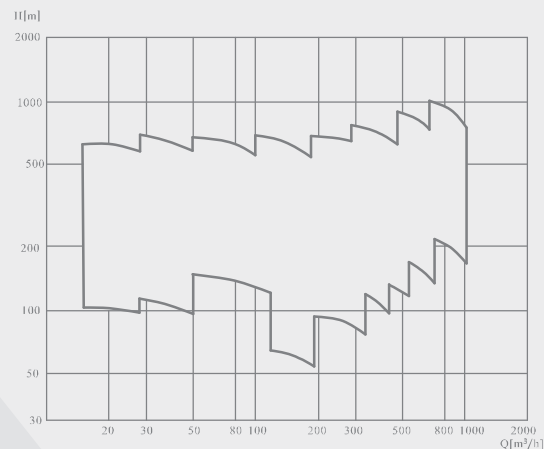
TECHNICAL DATA

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



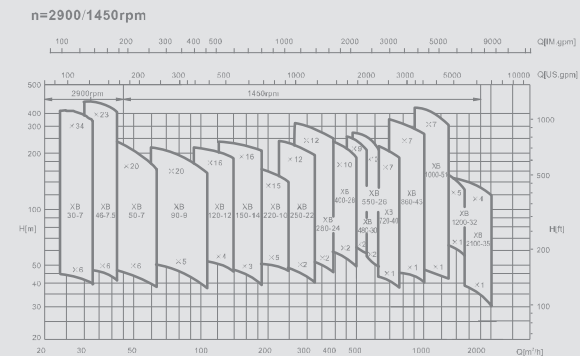
TECHNICAL DATA

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



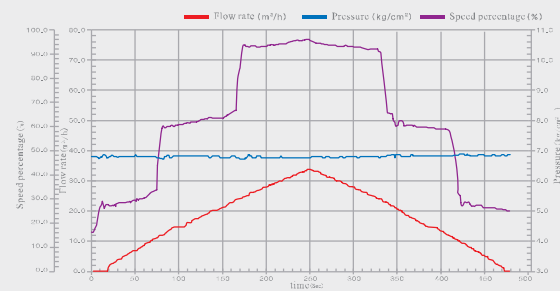
TECHNICAL DATA

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



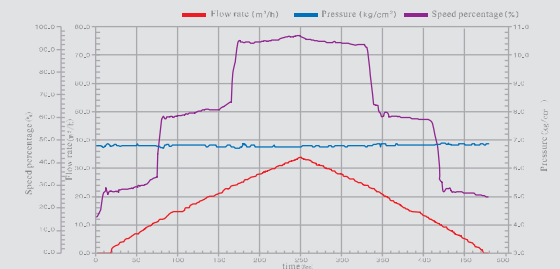
TECHNICAL DATA

Flow rate : 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

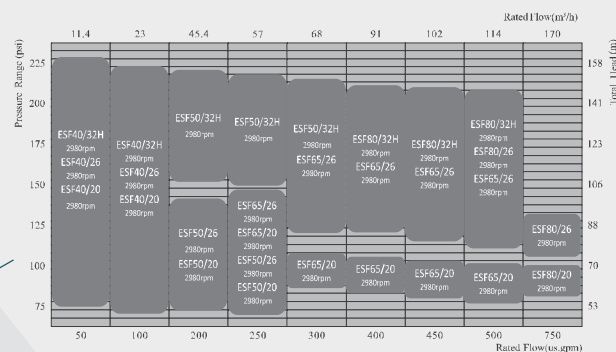
Flow rate : 5~750 GPM
Head : 40~230 PSI
Material : Cast iron / stainless steel
With diesel engine
power : 15~110kW
Speed : 2980~3550rpm
With electric motor
Voltage : 380V~ 415V

APPLICATIONS

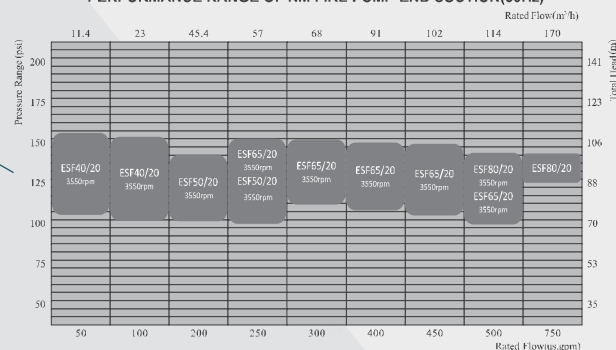
Oil depots
Oil jetties
Offshore platforms
Substations
Power plants
Metallurgy industry
Mining
Steel works
Municipal industry

PERFORMANCE SCOPE

PERFORMANCE RANGE OF NM FIRE PUMP-END SUCTION(50Hz)



PERFORMANCE RANGE OF NM FIRE PUMP-END SUCTION(60Hz)



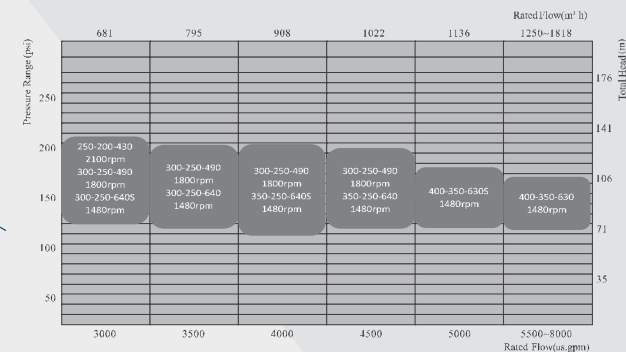
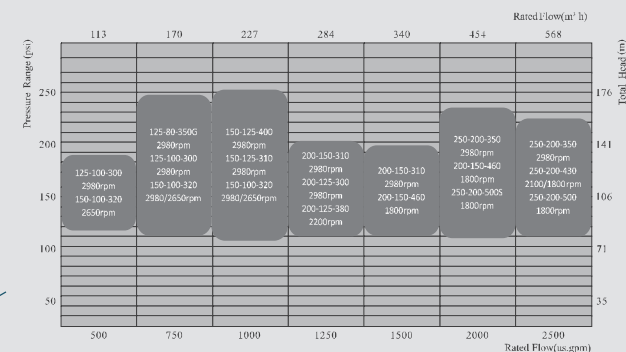
TECHNICAL DATA

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/cm ²

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

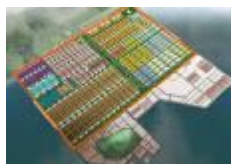
Weight : 1~5000kg
Diam : 30~3000mm
Min Thickness : 8mm
Min Hole Diam : 18mm



TYPICAL CASES



Seawater desalination project, UAE



Tianhong Industrial Zone, Vietnam



Hangzhou Metro



Shanghai pudong airport



Water supply project, Iraq



Water Plant, Malaysia



Potash project, Belarus



Zhongshan station, Antarctica



NASA flood control, USA



Qinshan Nuclear Power Plant



Manila Water project, Philippines



Xiluodu Hydropower Station on Jinsha River



Burj Al Arab



power plant, Thailand



Texas flood control, USA



KL Gateway, Malaysia



Daqing oilfield



SANY Group



Sanchine Medicine



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