



Hengshui Snowate Environmental Technology Co., Ltd.

www.snowate.com

snow@snowate.com

Mobile: +86-15030811699 (WhatsApp, WeChat)



WeChat

WhatsApp

CONTENTS

CDM/CDMF	01
CDME/CDMFE	02
CDL,CDLF	03
CDLK,CDLKF	04
CDLF+CDH,HP	05
CDMF+CMH	06
CDMFG	07
TD/TDG	08
TDE	09
SJ	10
CHL/CHLF(T)	11
CM	12
CHM	13
CHME	14
MS	15
QY	16
ZS	17
NISO,NIS,NISF	18
SZ	19
NS	20
PM	21
SP	22
ZW	23
NM	24
WLT	25
WQ	26
CH	27
VMHP	28
METERING PUMP & SYSTEM	29
XY	30
NSC	31
NDS	32
VTC	33
VTM	34
DRL	35
NFWX	36
Fire fighting system	37
Fire fighting system	38

PRODUCTS

CDM,CDMF

Light Vertical Multistage Centrifugal Pump

/ 01

TECHNICAL DATA

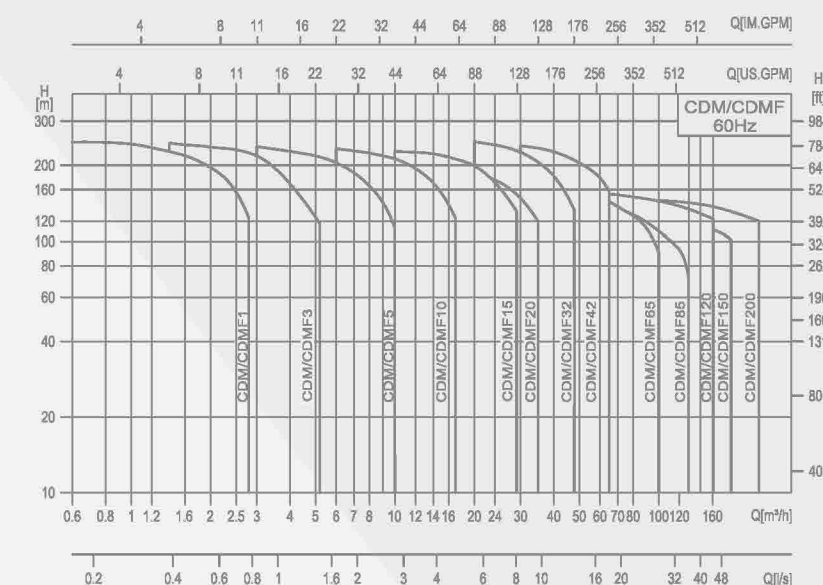
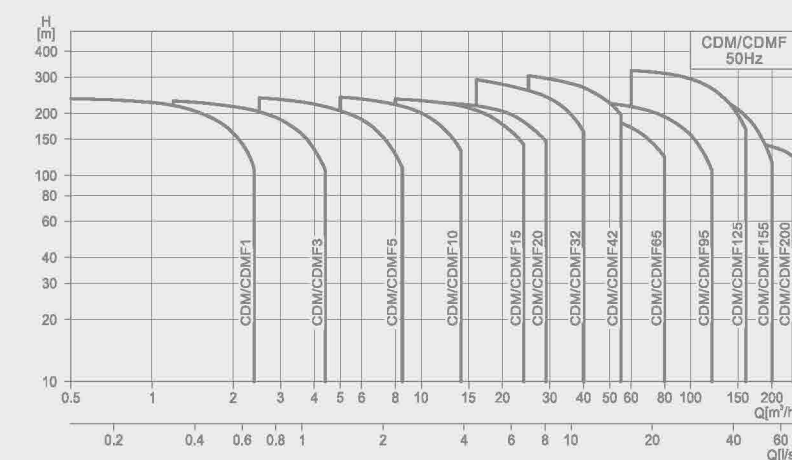
Flow rate : 0.5m³/h~240m³/h
Head : 4m~305m
Temp : -15℃~+120℃
Power : 0.37kW~110 kW
Material : Stainless steel

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



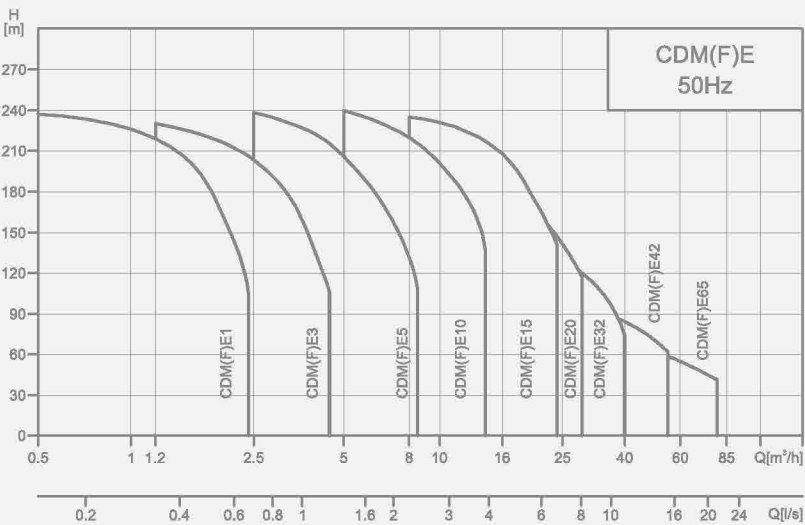
TECHNICAL DATA

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



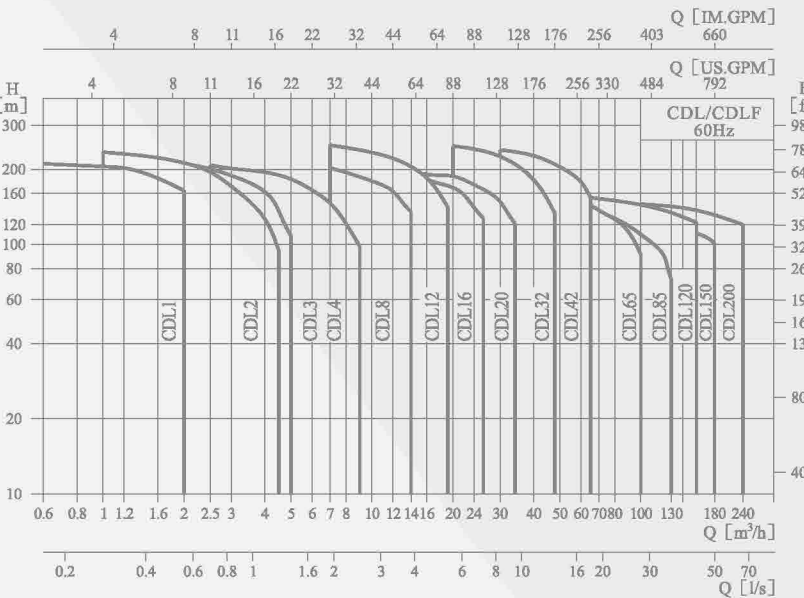
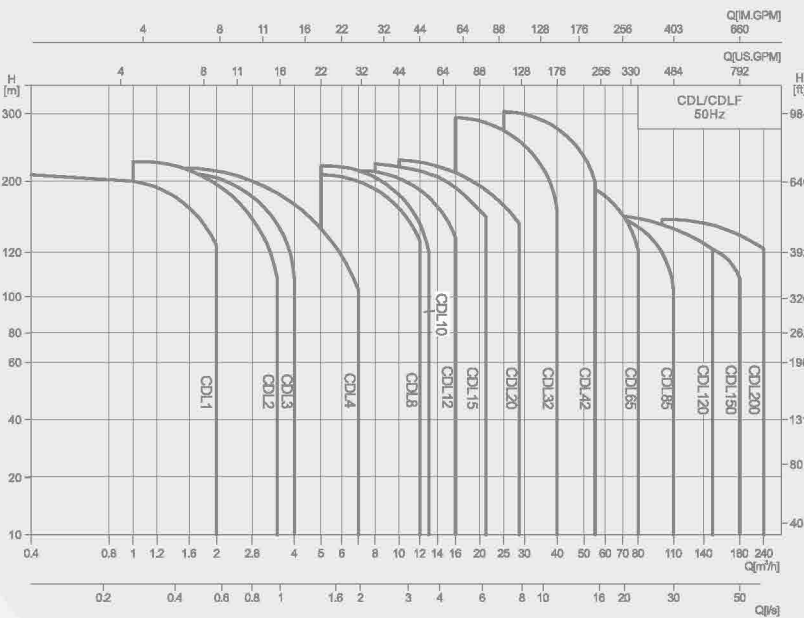
TECHNICAL DATA

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



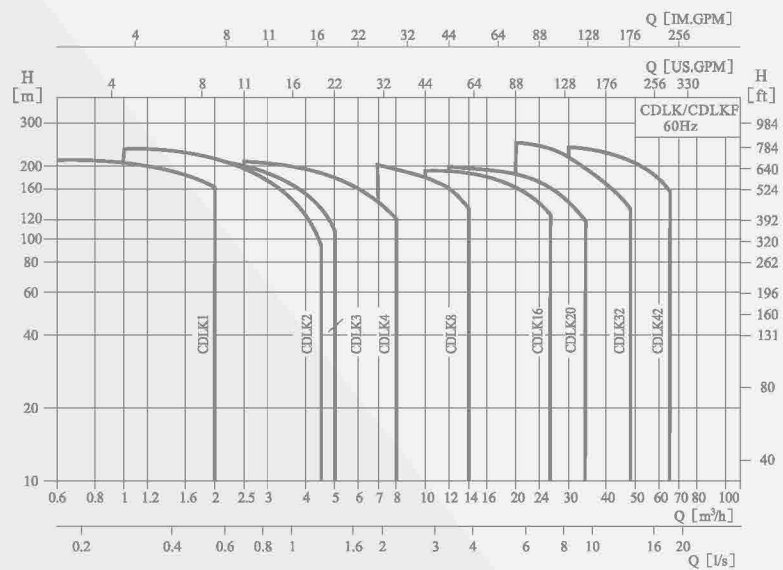
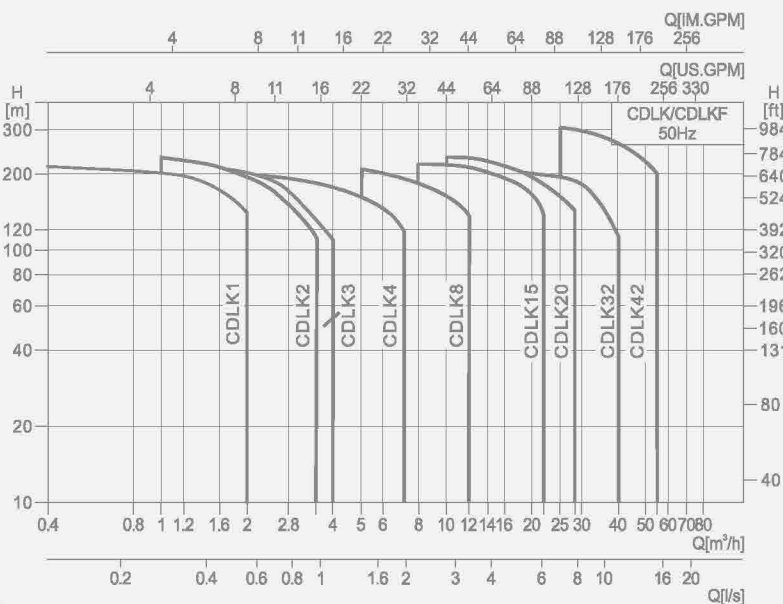
TECHNICAL DATA

Flow rate : 0.4~65m³/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



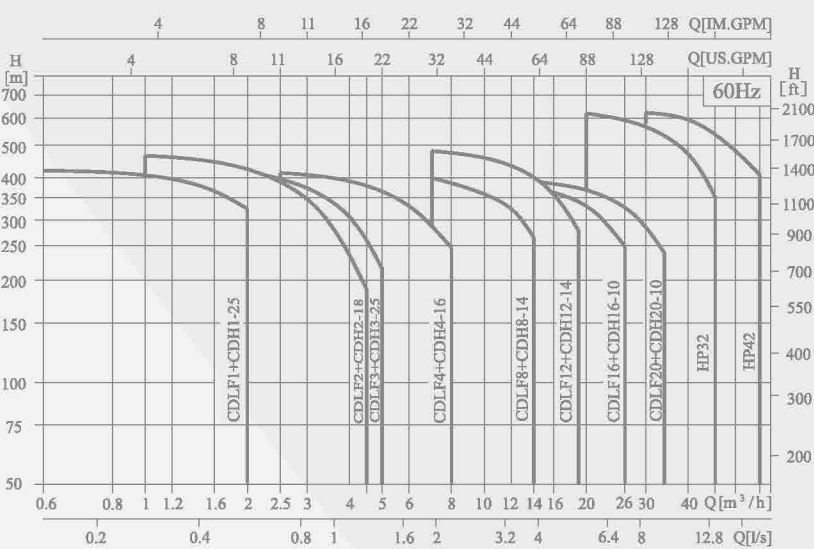
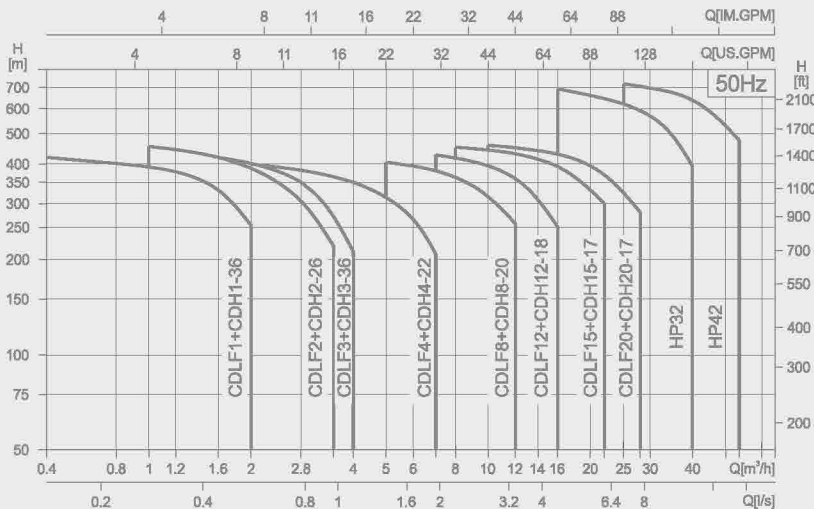
TECHNICAL DATA

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



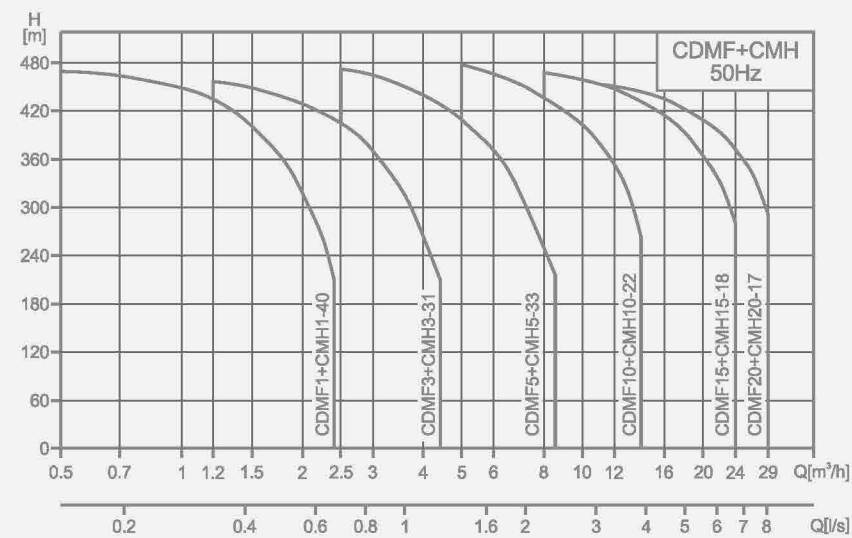
TECHNICAL DATA

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



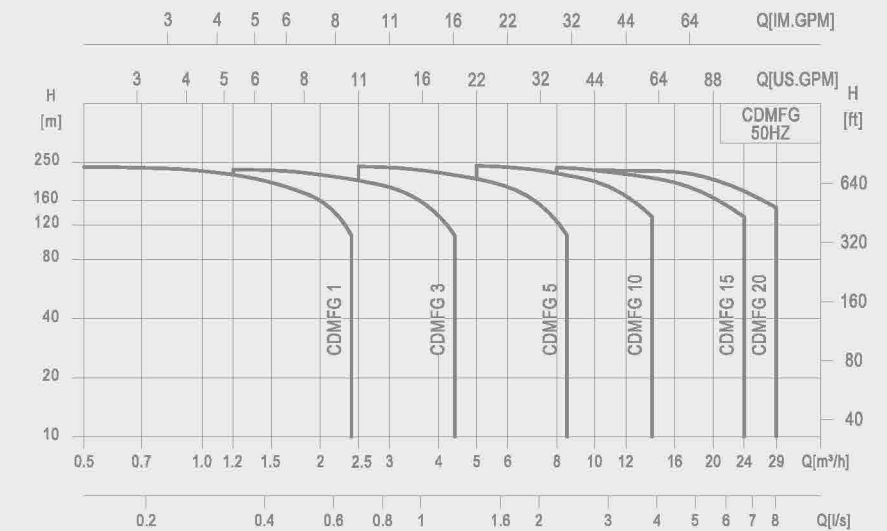
TECHNICAL DATA

Flow range: 0.5~29m³/h
 Head range: 4~250m
 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

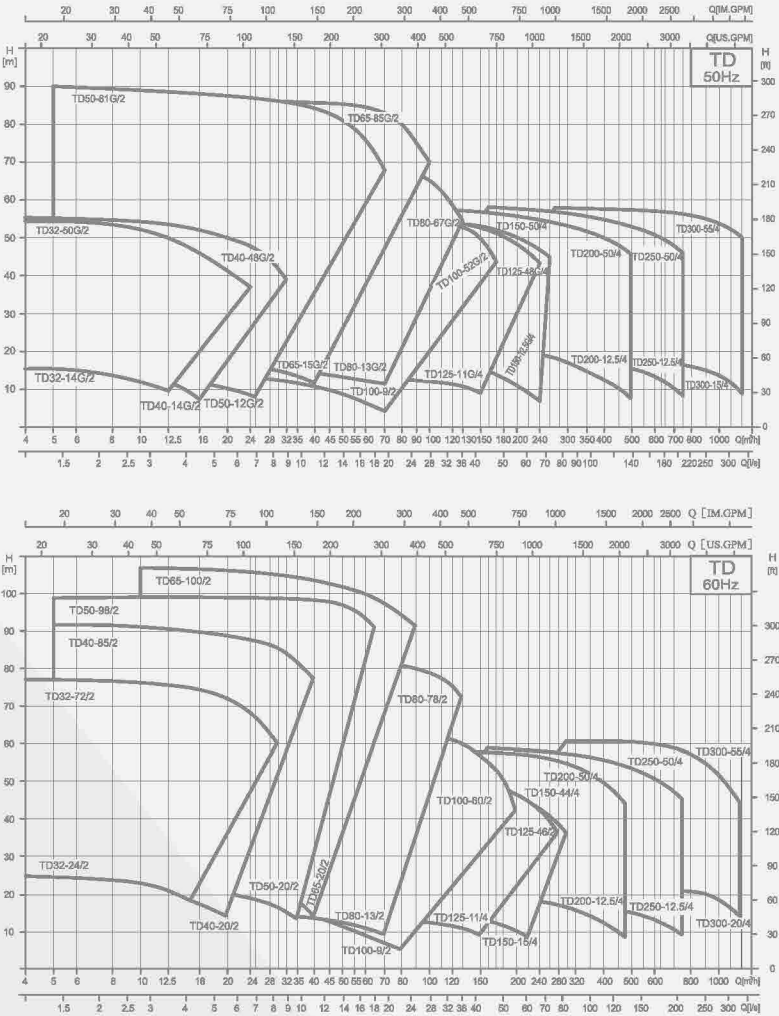
Flow rate : 4~1200m³/h
Head : 4.5~108m
Temp : -15℃~+110℃
Voltage : 220V/380V
Material : Cast iron/cast steel/
stainless steel

APPLICATIONS

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



PERFORMANCE SCOPE



TECHNICAL DATA

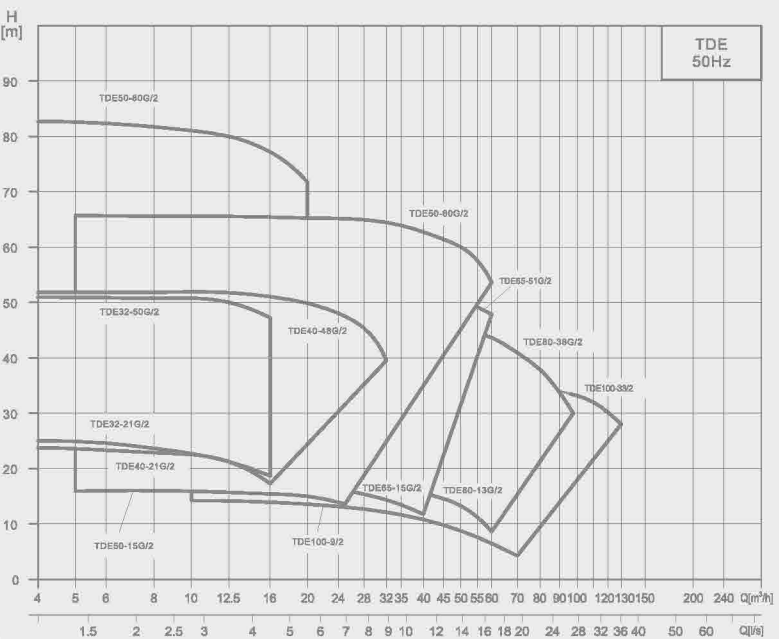
Flow rate: 2m³/h ~ 130m³/h
Head: 2m ~ 80m
Liquid temperature: -15℃ to 110℃
Material: Stainless steel/cast iron
Input power supply: 50Hz, 3 × 380V
Power range: 1.5kW~15kW
Frequency range: 30Hz~50Hz
Pressure adjustment range: 0.1bar
Protection class: IP55

APPLICATIONS

- District heating system
- Cooling system
- HVAC system
- Domestic hot water system
- Industrial liquid transportation



PERFORMANCE SCOPE



TECHNICAL DATA

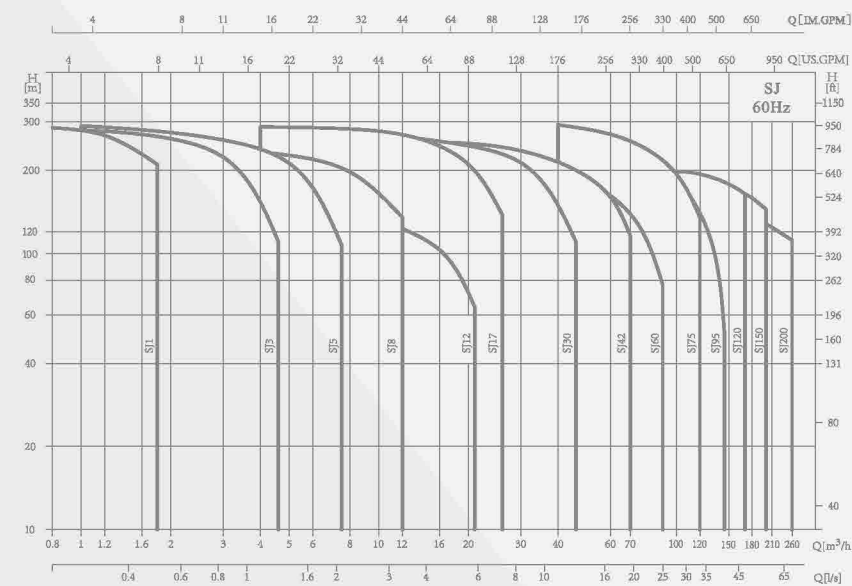
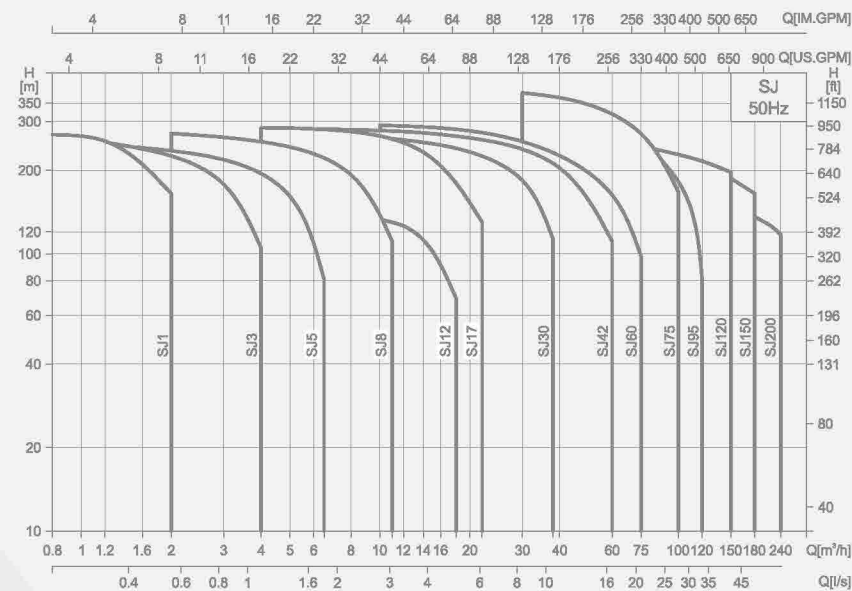
Flow rate : 0.2~260m³/h
 Head : 4~381m
 Temp : max.+25°C
 Voltage : 220V/380V
 Material : Stainless steel
 Note: PQ series pumps are expert
 Stainless Steel Submersible Fountain
 Pump equipped with NEMA motor.

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

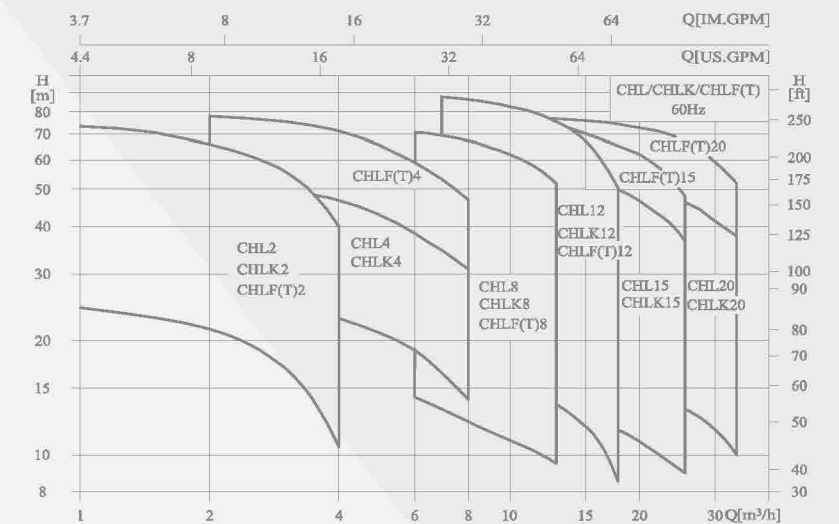
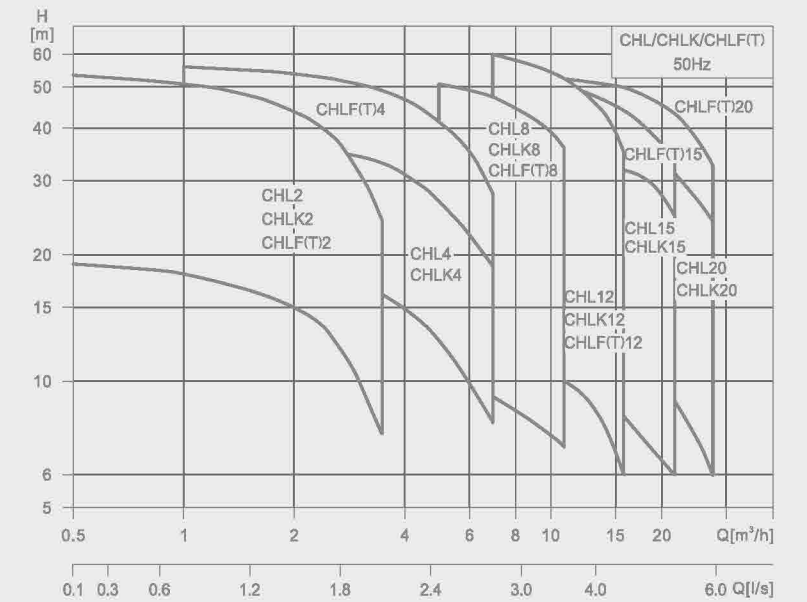
Flow rate : 0.5~32m³/h
 Head : 6~88m
 Temp : -15°C~+105°C
 Voltage : 220V/380V
 Material : Stainless steel

APPLICATIONS

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



PERFORMANCE SCOPE



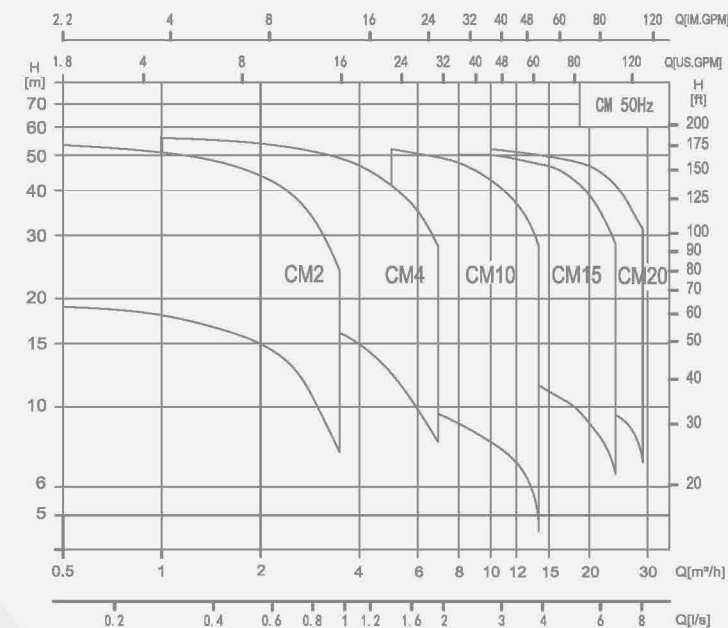
TECHNICAL DATA

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



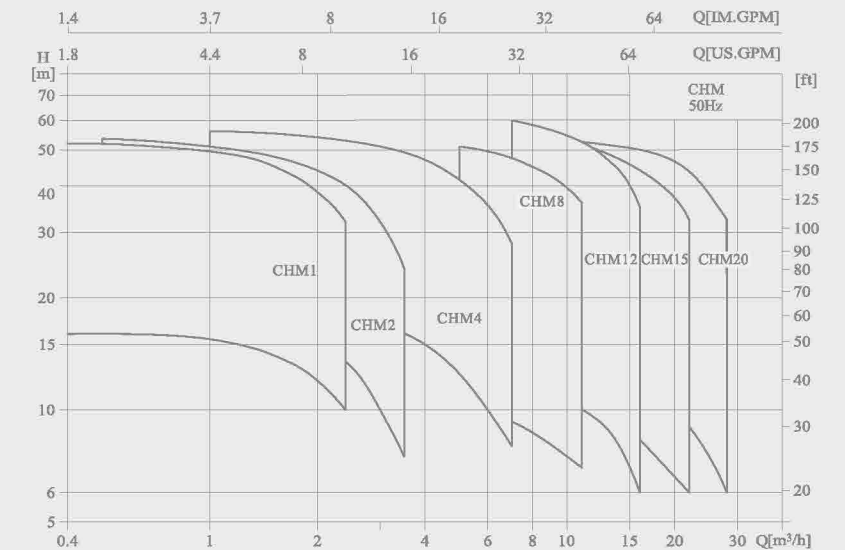
TECHNICAL DATA

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 Syestem
 Water Treatment(Water Purification)
 Aquaculture
 Fertilization/Measuring system
 Environmental Application
 Other specific Applications

PERFORMANCE SCOPE



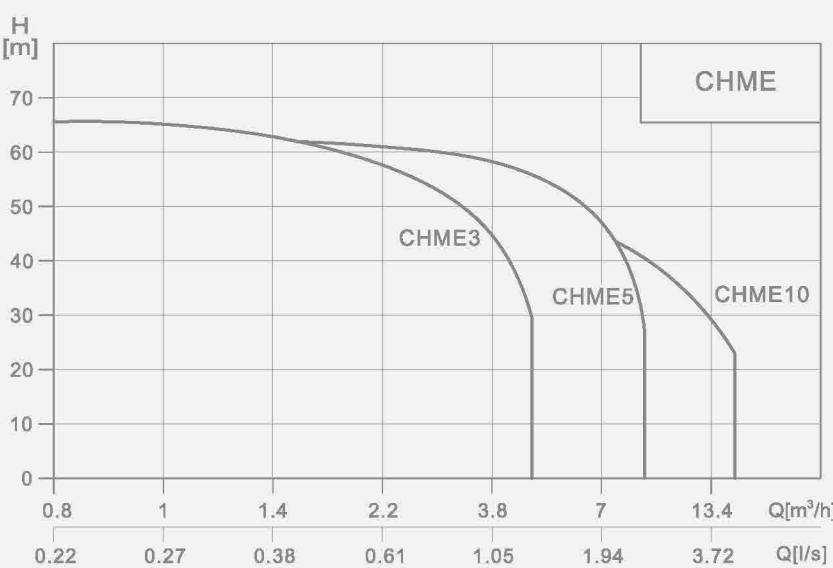
TECHNICAL DATA

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



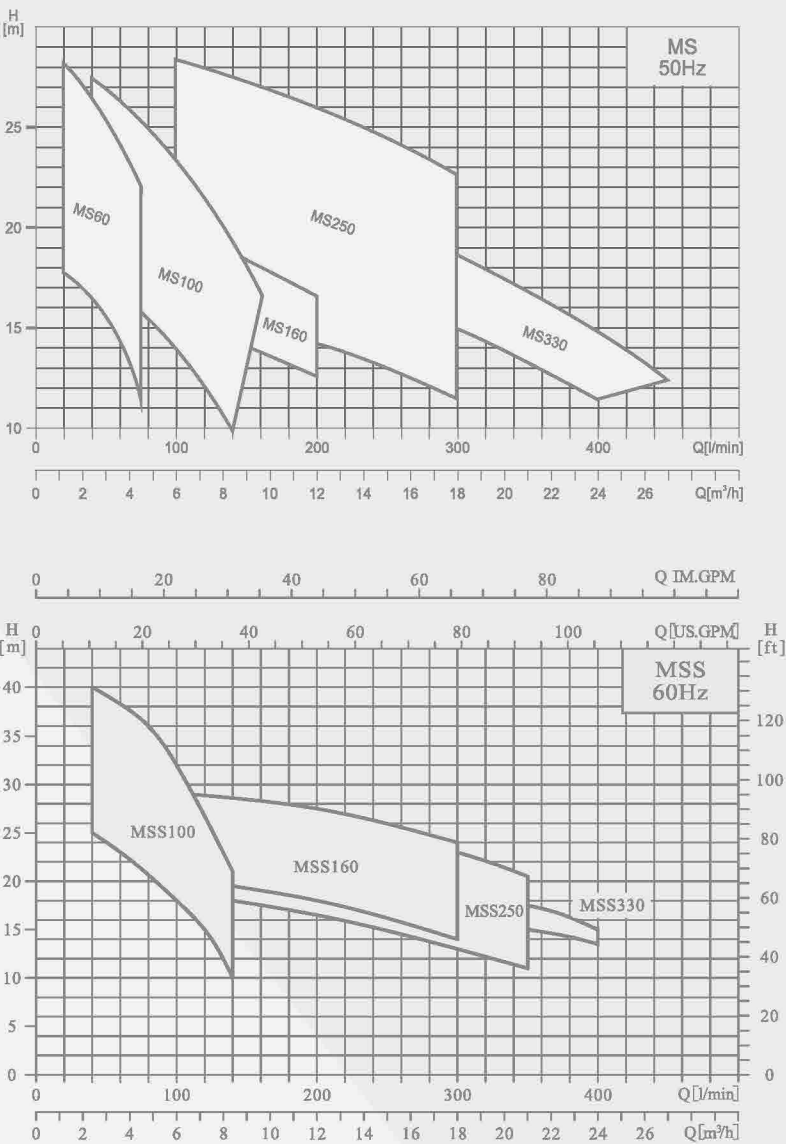
TECHNICAL DATA

Flow rate : 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



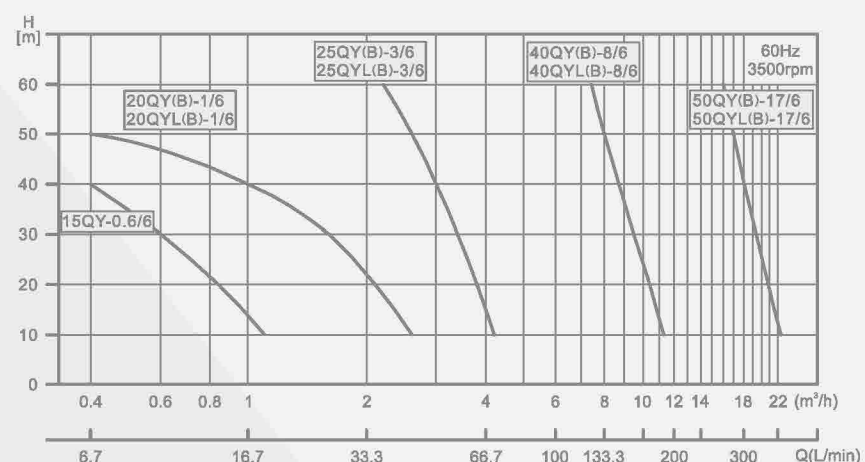
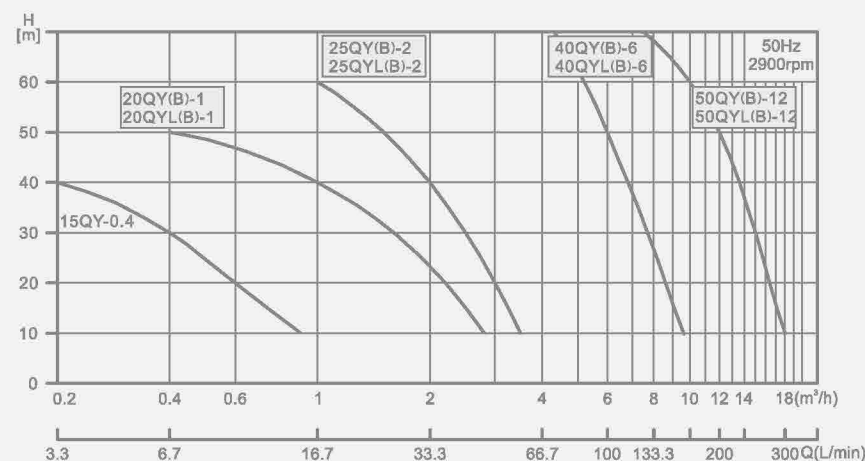
TECHNICAL DATA

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

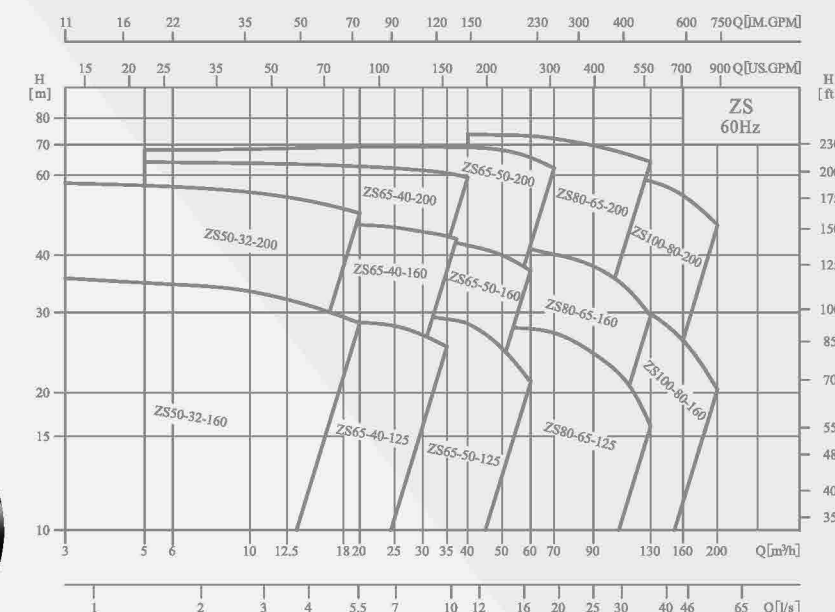
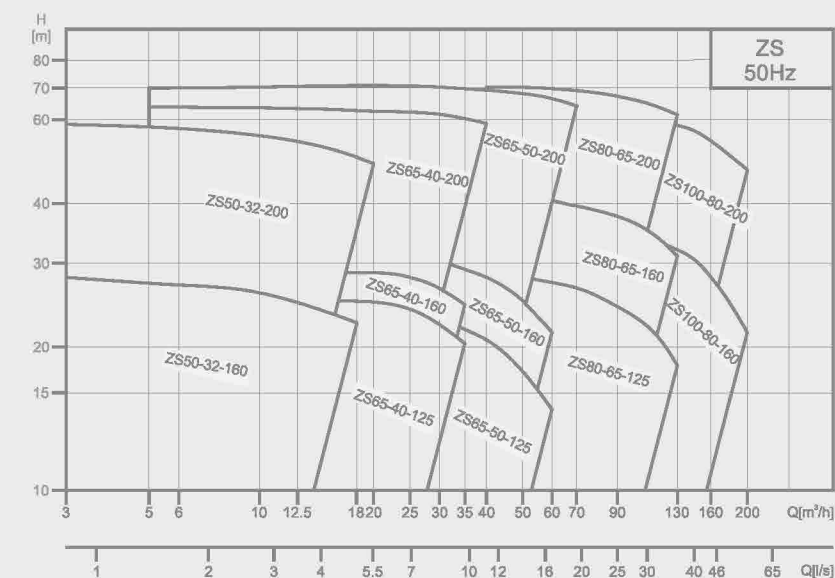
Flow rate : 3~200m³/h
 Head : 8.8~73.7m
 Temp: -20°C~+100°C
 Voltage: 220V/380V
 Material: Stainless steel

APPLICATIONS

Water treatment systems
 Other pressure boosting systems



PERFORMANCE SCOPE



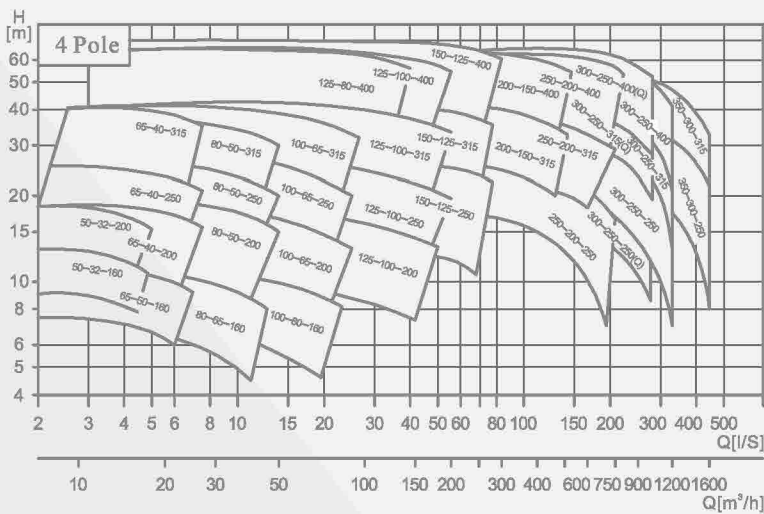
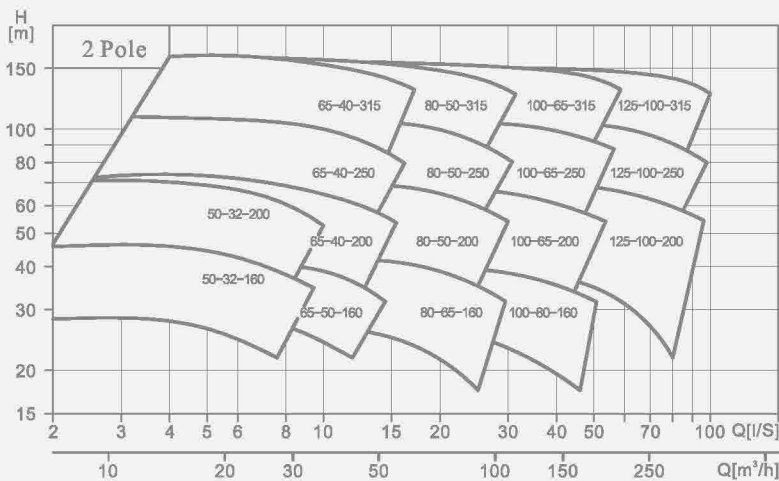
TECHNICAL DATA

Flow rate : Max1200m³/h
Head : Max160m
Temp : -15℃~+110℃
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 : 3m³/h ~ 200m³/h
Head : 2m ~ 32m
Liquid temperature : 5°C ~ 50°C / -20°C ~ 100°C
Material: Engineering plastic/Stainless steel

APPLICATIONS

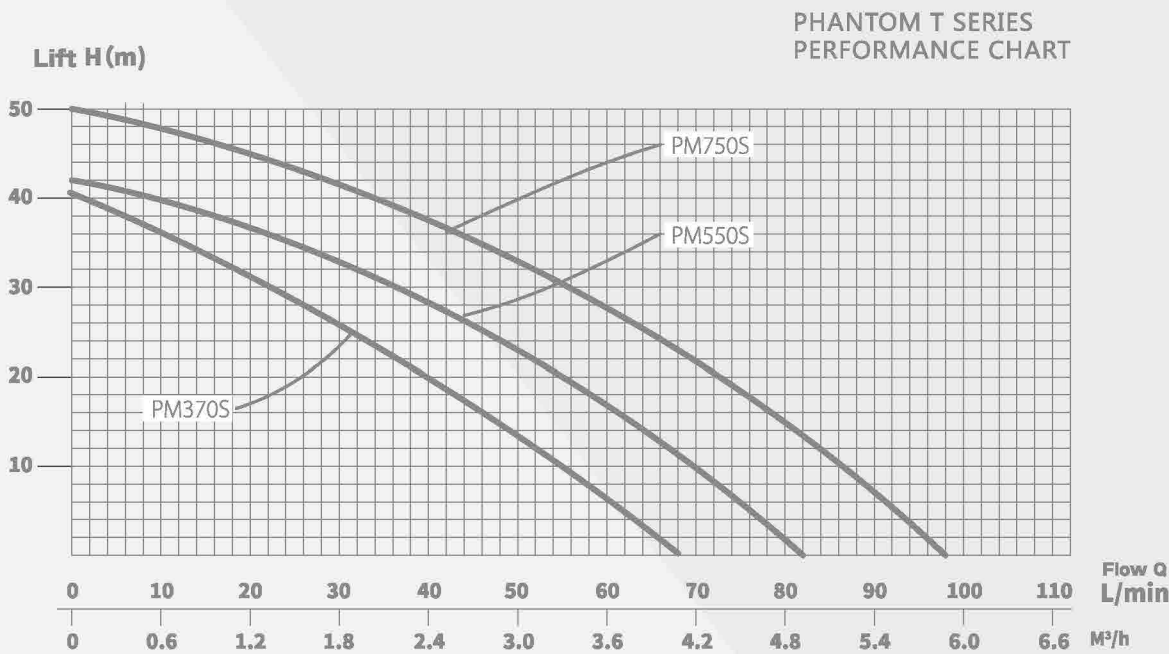
Domestic and commercial swimming pool
Water park
Water landscape
Seawater farming
Hot spring spa



PARAMETER LIST

Model	Voltage(V)	Power(KW)	Max.Flow (m³/h)	Max.Head (m)	Rared Flow (m³/h)	Rared Head (m)	Piping(mm)	Max.imum Suction range(m)
PM370S	160-260V 50/60Hz	0.37	4	40	1.8	28	25	8
PM550S		0.55	5.3	42	3	24	25	8
PM750S		0.75	5.8	50	3	31	25	8

CURVE CHART



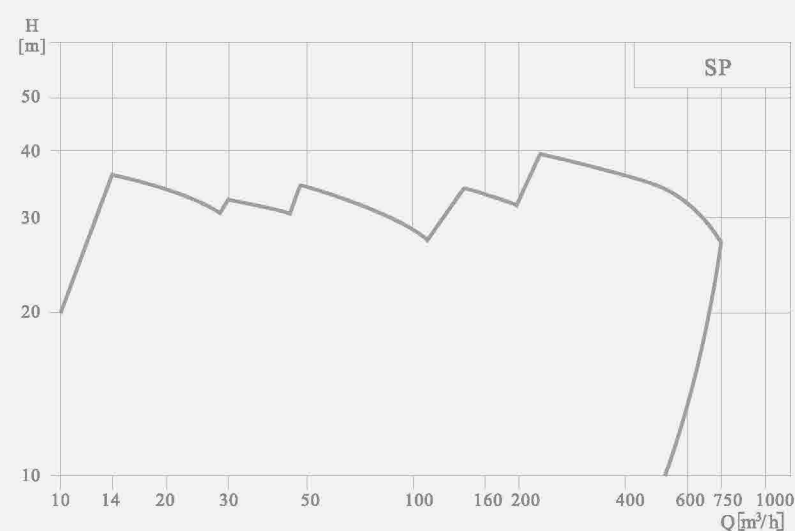
TECHNICAL DATA

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



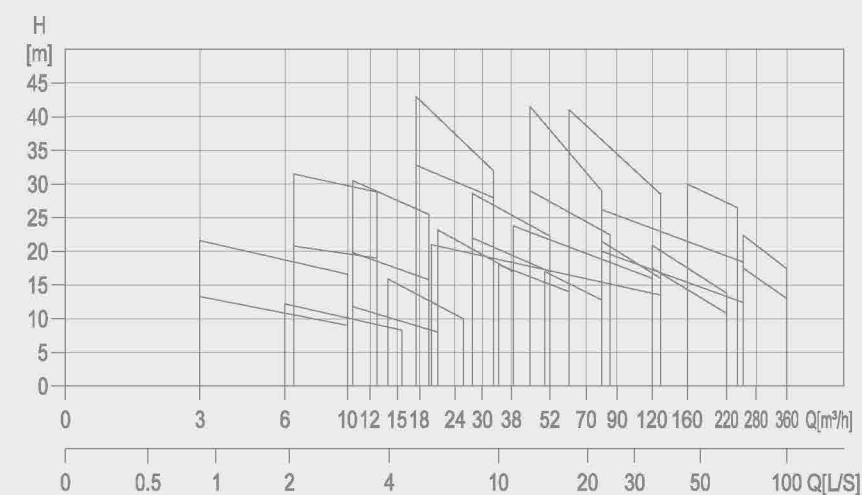
TECHNICAL DATA

Flow: 5~300m³/h
 Head: 9~42m
 Power: 0.75~30kW;
 Liquid temperature: 0 °C~ + 40 °C
 Frequency: 50Hz

APPLICATIONS

Sewage drainage system
 Sewage treatment
 Industrial water treatment
 Other industrial applications

PERFORMANCE SCOPE



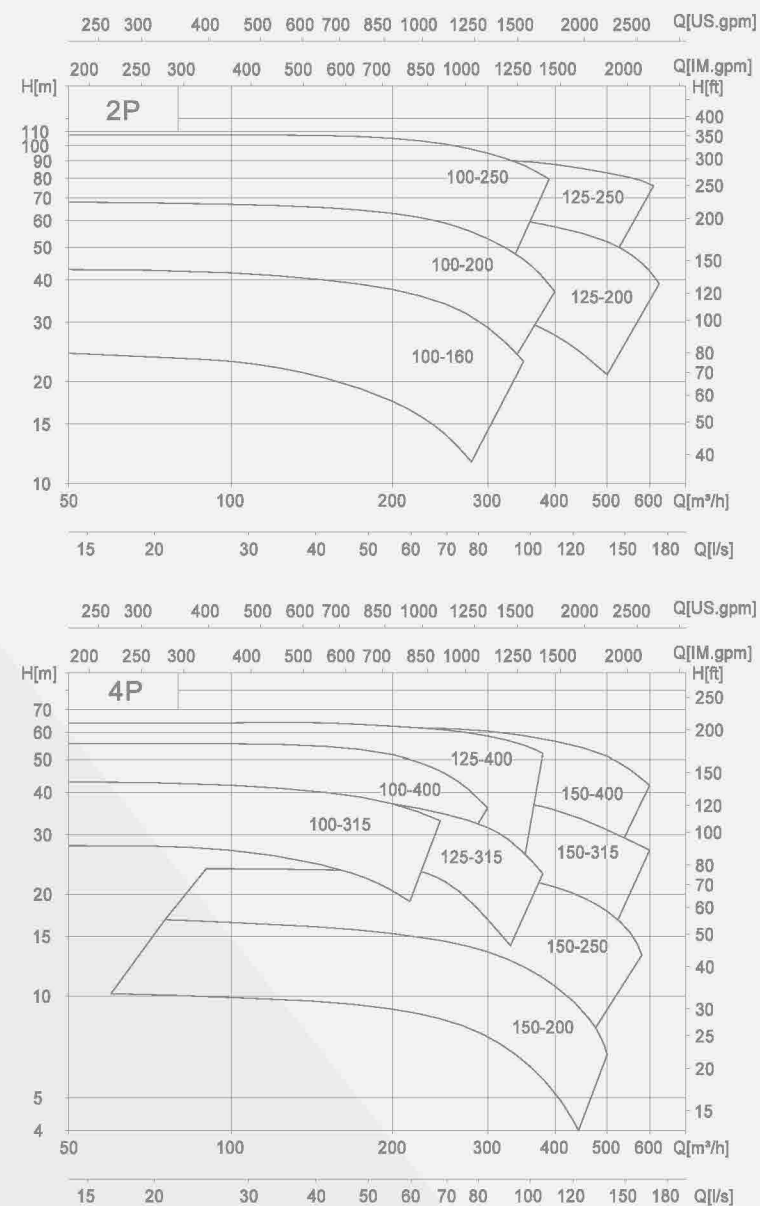
TECHNICAL DATA

Max.Flow: 625 m³/h
 Max.Head: 163 m
 Max.Working pressure: 16 bar
 Max.Power: 160kW
 Liquid temperature: -15°C ~ 110°C
 Inlet and outlet diameter:
 Inlet diameter: DN50~DN200
 Outlet diameter: DN32~DN150

APPLICATIONS

Clean, thin, non-corrosive, non-flammable
 or non-explosive liquid without grain or fiber.
 Water supply system
 HVAC system
 Booster and constant water supply system
 Fire-fighting and splitting system
 Irrigation and farming
 Industrial cooling and heat circulation system
 Industrial transferring and drainage system

PERFORMANCE SCOPE



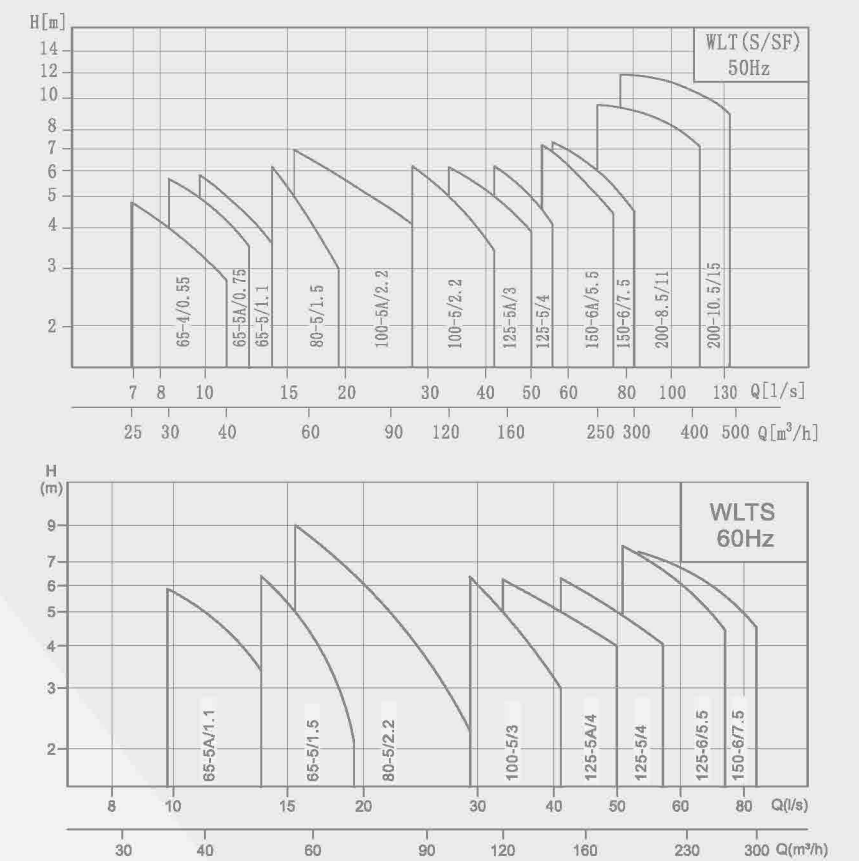
TECHNICAL DATA

Flow rate : 25–480 m³/h
 Head : 2.8–11.9m
 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



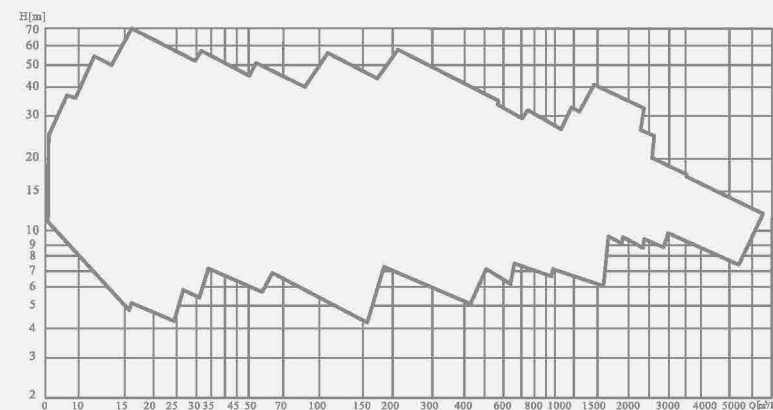
TECHNICAL DATA

Flow rate : 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



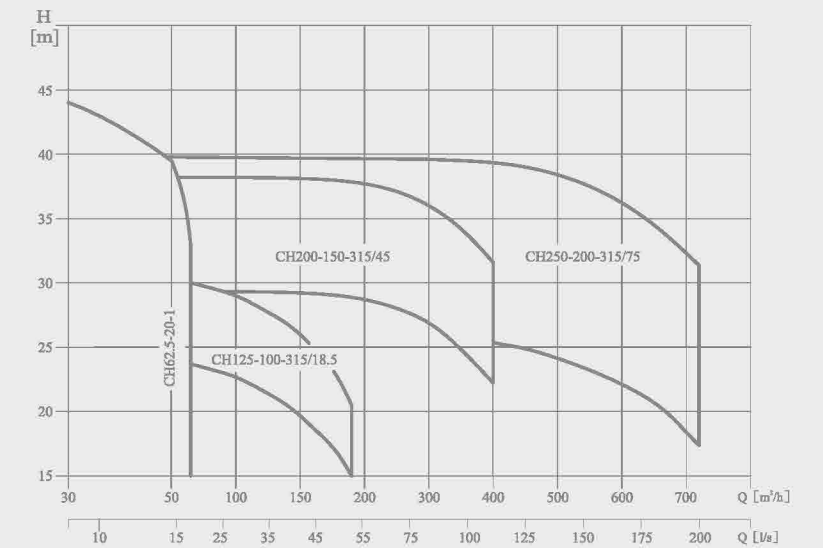
TECHNICAL DATA

Flow rate : 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



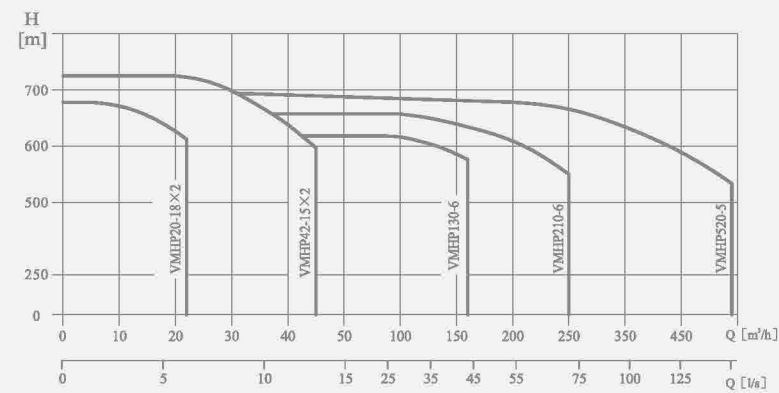
TECHNICAL DATA

Flow 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 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℃

APPLICATIONS

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



TECHNICAL DATA

Voltage : AC220V
Power : 60W
Volume : 3L
Standby time : 1~999 min.
Single work time : 1~999 sec.
Pressure test : Yes
Oilpipe specification : $\Phi 4/\Phi 6$
PN : 15kg/cm²

APPLICATIONS

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



TECHNICAL DATA

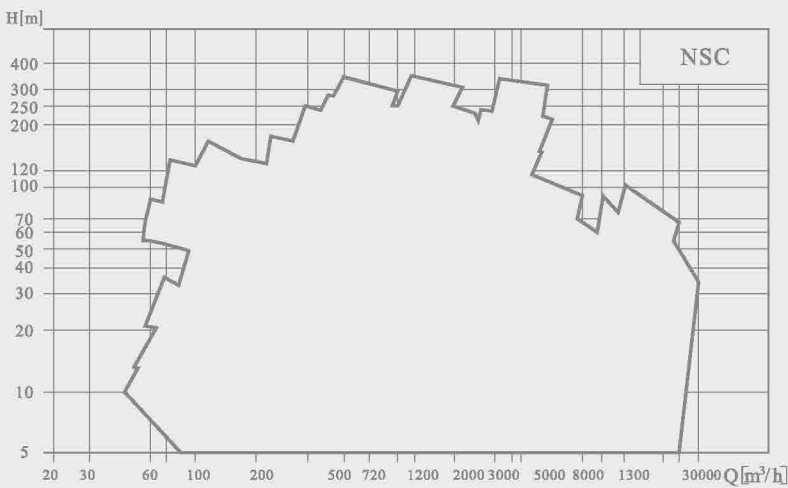
Capacity Q : 50~20000m³/h
Head H : 10~230m
Suction Dia DN: 100~1400mm
Discharge Dia DN: 80~1200mm
Operating Pressure P: ≤ 5 MPa
Operating Temperature t :
-15°C~+200°C
(above 80°C, pls contact CNP)
Abrasive medium concentration: $\leq 4\%$

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



PUMP TYPE

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

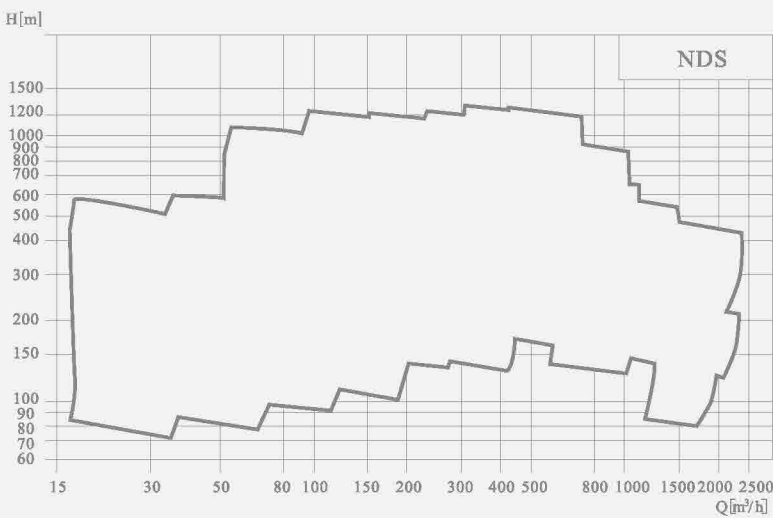
TECHNICAL DATA

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



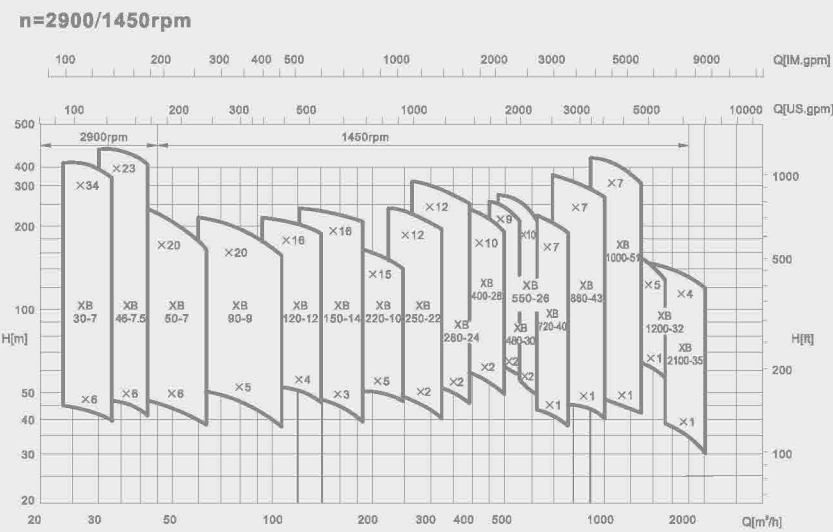
TECHNICAL DATA

Pump Outlet Diameter: 80~900mm
Head: 10~300m
Flow Rate: 15~5800m³/h
Medium Temperature: Up to 60°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

Outlet Diameter: 250–2400mm
Pump Head: 7–55m
Flow Rate: 500–54000m³/h
Medium Temperature: ≤55° C

APPLICATIONS

- Irrigation projects
- Urban drainage systems
- Water extraction in water treatment plants
- Municipal water supply and drainage projects
- Water circulation in thermal power plants, petroleum, and chemical industries
- Clean water, rainwater, and seawater transportation in dock drainage and various industries



TECHNICAL DATA

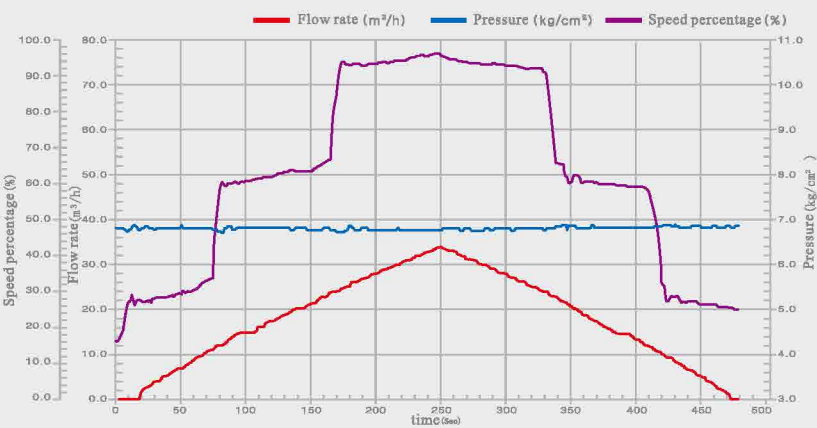
Flow rate : 0.4~1440m³/h
Head : 4~305m
Temp : 0℃~+70℃
Voltage : 380V
Material : Stainless steel

APPLICATIONS

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



PERFORMANCE SCOPE



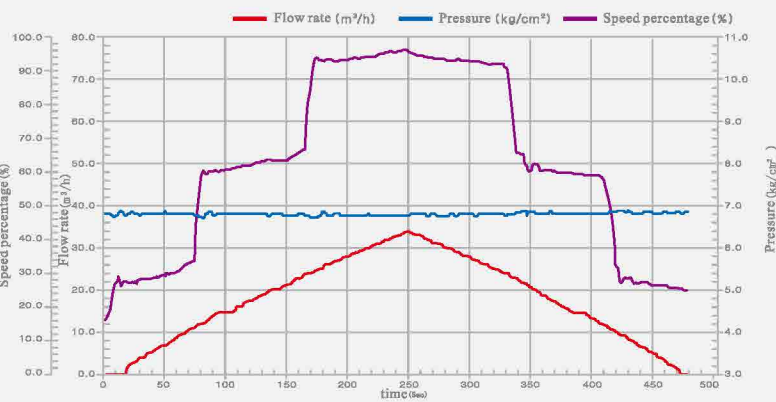
TECHNICAL DATA

Flow rate : 0.4~1440m³/h
Head : 4~305m
Temp : 0℃~+70℃
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

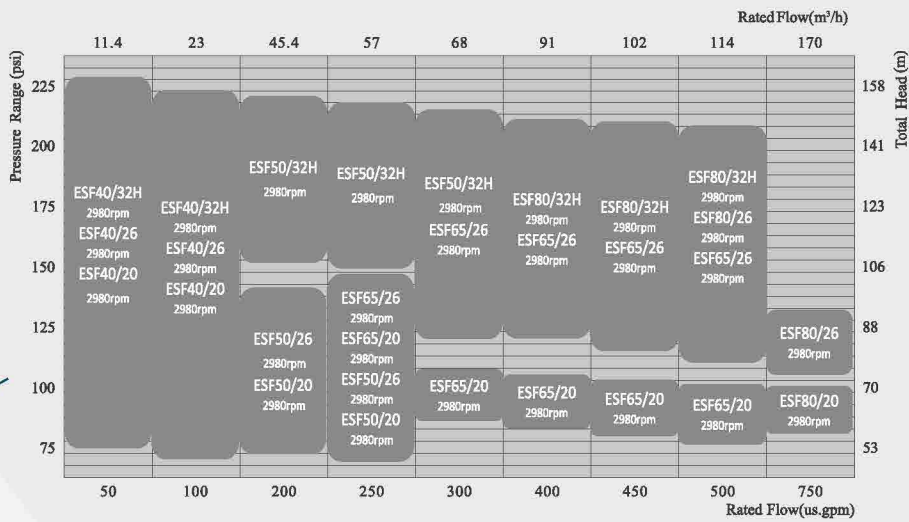
Flow rate : 5~750 GPM
Head : 40~230 PSI
Material : Cast iron / stainless steel
With diesel engine
power : 15~110kW
Speed : 2980~3550rpm
With electric motor
Voltage : 380V~415V

APPLICATIONS

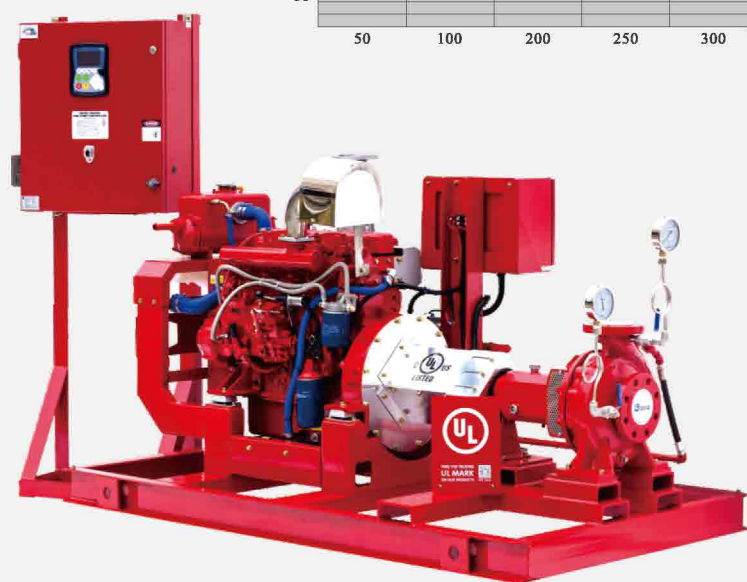
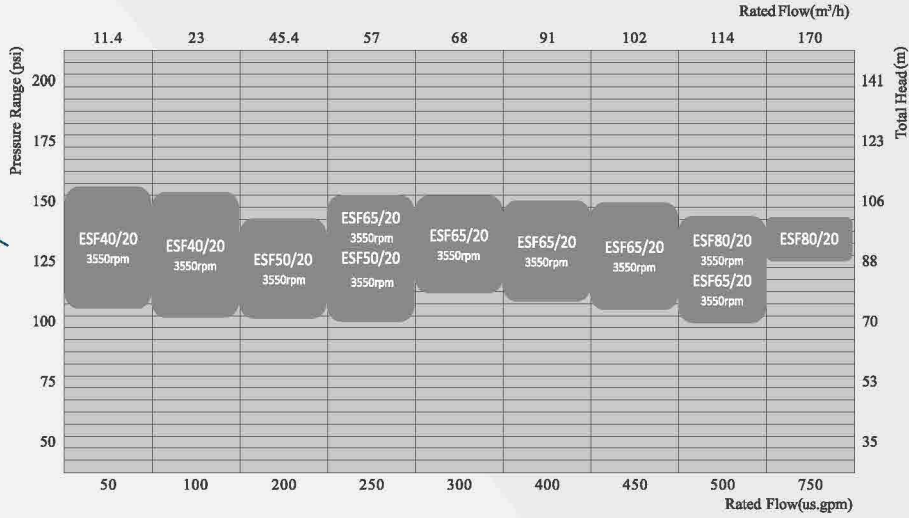
Oil depots
Oil jetties
Offshore platforms
Substations
Power plants
Metallurgy industry
Mining
Steel works
Municipal industry

PERFORMANCE SCOPE

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



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



Fire fighting system

SCF—Single Stage Double Suction Spilt Casing Fire Pump

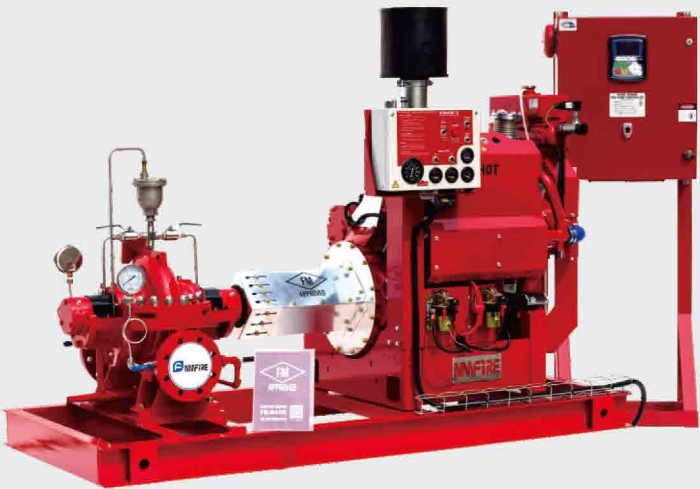
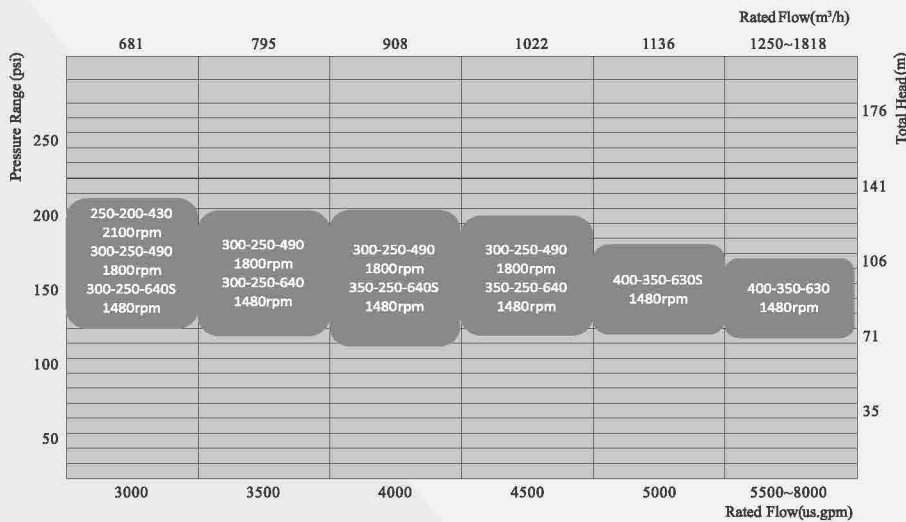
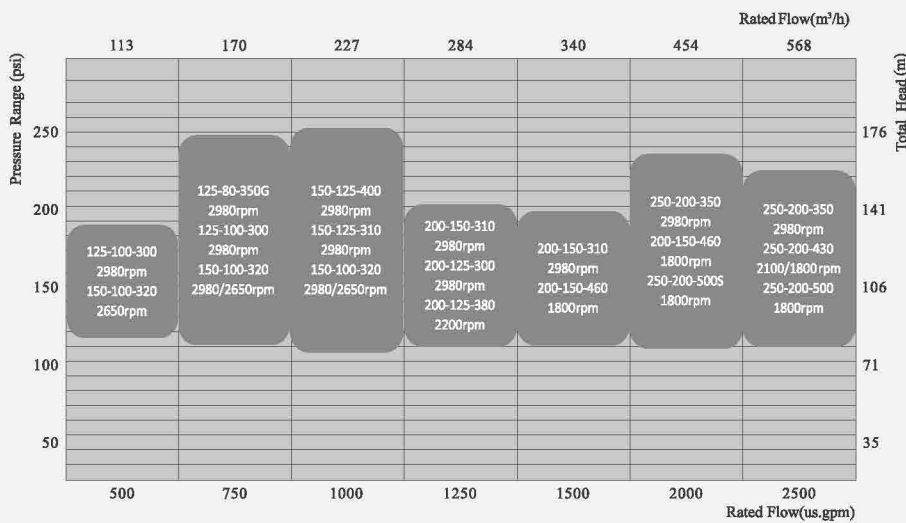
TECHNICAL DATA

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



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

