

GLOBAL PUMP SOLUTION DOOCH

50Hz



•NSQP-3DHF



• NSQ-3DHF



• SQ-2DHF



• 3NSQP



• 2SQ

BOOSTER PUMP SYSTEM

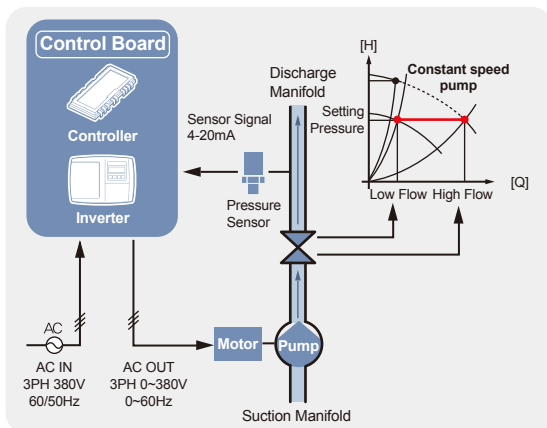
NSQ(P)-2(3)DHF(T), SQ-2DHF(T), 2(3)NSQ(P), 2SQ SERIES

Booster System

Dooch's Booster Systems provides constant pressured water where it is required whether in residential buildings or high rise office buildings. It maintains the lowest possible energy consumption in accordance with the water demand to control the No. of pumps and the speed of the motor.

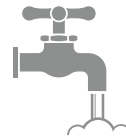
Features

- Outstanding reliability
- High efficiency
- Fully integrated, all-in-one systems
- Systems to match every need and requirement
- Easy installation and operation



Applications

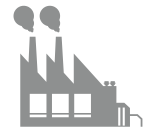
- Apartments,
- Residential Buildings
- Office Buildings
- Hotels
- Industry



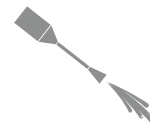
Pressurization



Boiler System



Industrial Circulation Pump Cooling System



High Pressure Washing System



Sprinkler



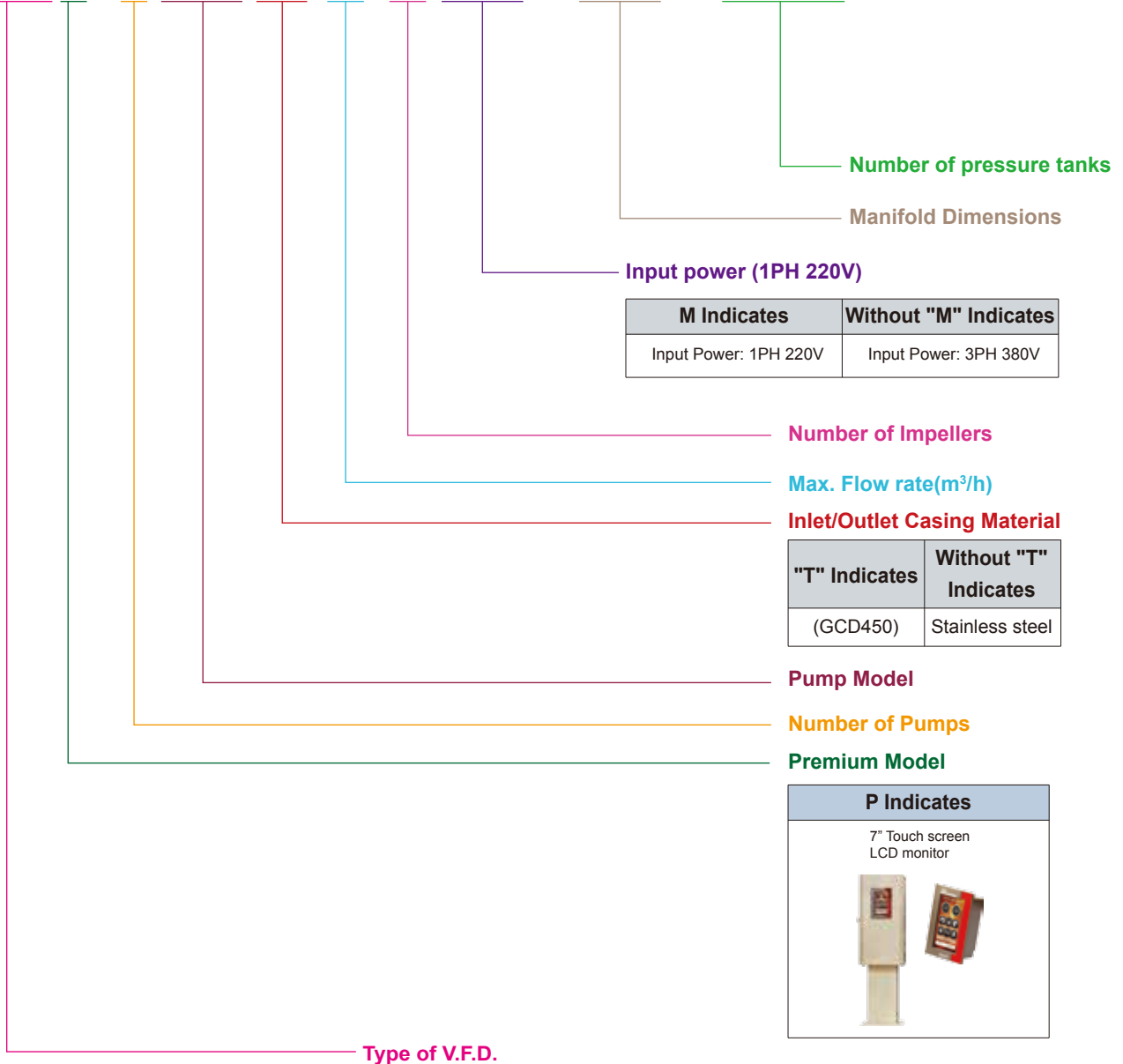
R/O Filtration

System Specification

Method of Control	Individual VFD
Models	NSQ(P)-2(3)DHF(T), SQ-2DHF(T) NSQ(P)-2(3)DHM, SQ-2DHM
Type	VFD installed on each pumps
Installation	Indoor
Temperature	-10°C~+40°C
Liquid Type	Clean Water
Liquid Temp.	0°C~70°C
Pump	Horizontal Centrifugal Pumps
No. of Pumps	2~3
Power	SQ-1PH 220V×50Hz NSQ-1PH 220V, 3PH 380V×50Hz

Definition of Model (DHF series)

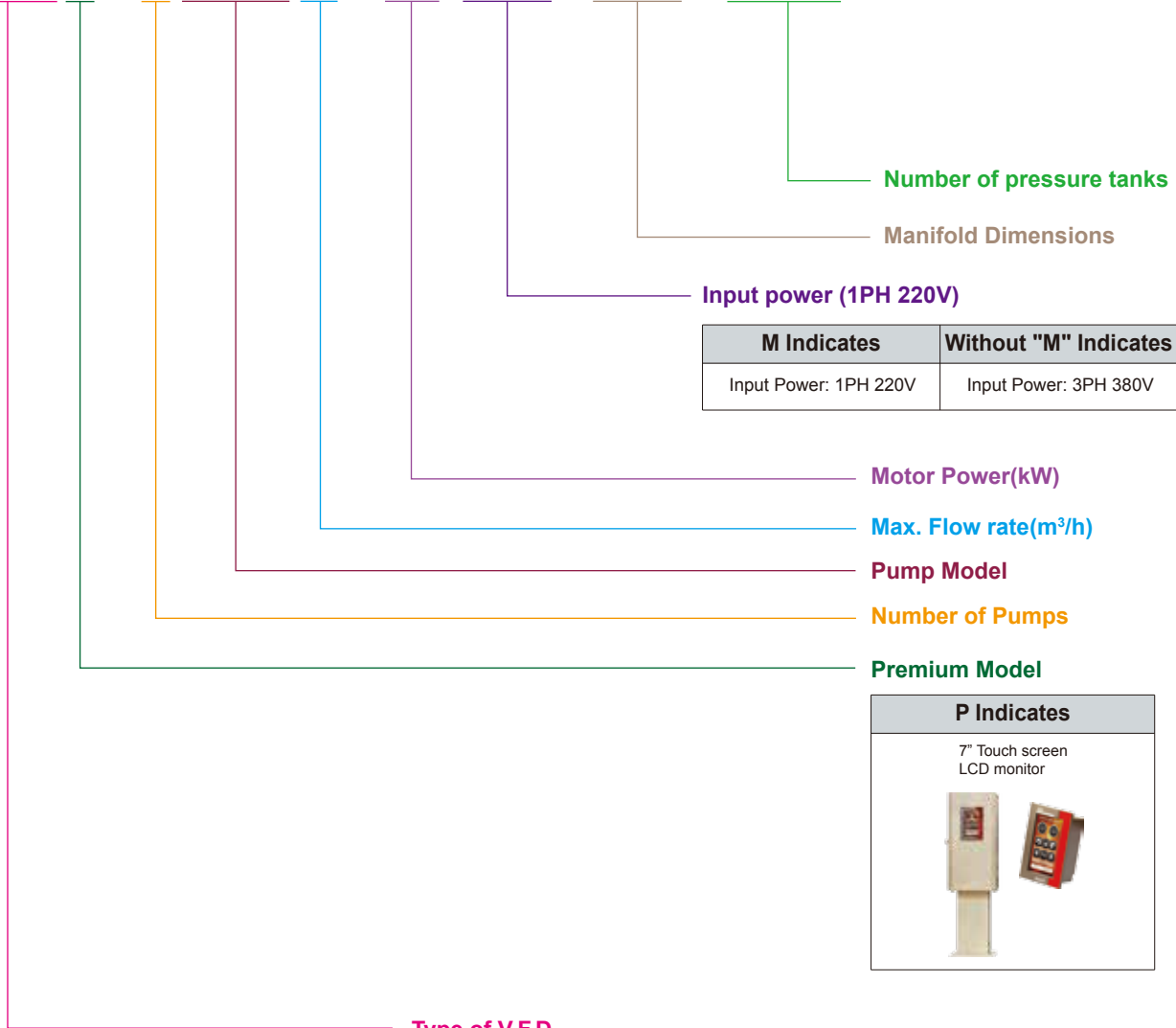
NSQ P - 3 DHF (T) 4 - 3 (M) - 50A - 1L × 3



Model	NSQ-Drive	SQ-Drive (1PH)
Features		
Specification	Motor Power : 0.55~22kW Input : 1PH 200~230V (0.55~2.2kW) 3PH 380~440V (0.55~22kW) Output : 3PH 380~440V Frequency : 50/60Hz	Motor Power: 0.55~1.5kW Input : 1PH 200~230V (0.55~1.5kW) Output: 3PH 220V Frequency : 50/60Hz 7" touch monitor is un-adaptable

Defination of Model(DHM series)

NSQ P - 3 DHM 4 - 1.5 (M) - 50A - 1L x 3



M Indicates	Without "M" Indicates
Input Power: 1PH 220V	Input Power: 3PH 380V

P Indicates

7" Touch screen LCD monitor

Model	NSQ-Drive	SQ-Drive (1PH)
Features		
Specification	Motor Power : 0.55~22kW Input : 1PH 200~230V (0.55~2.2kW) 3PH 380~440V (0.55~22kW) Output : 3PH 380~440V Frequency : 50/60Hz	Motor Power: 0.55~1.5kW Input : 1PH 200~230V (0.55~1.5kW) Output: 3PH 220V Frequency : 50/60Hz 7" touch monitor is un-adaptable

Control Specifications/Features

	NSQP-2(3) DHF(T) Series Individual Inverter Horizontal Booster System (Premium Model)	SQ-2DHF(T) Series Individual Inverter Horizontal Booster System
Appearance		
Features	<ul style="list-style-type: none"> • 7" LCD touch monitor • All pumps are fitted with an integrated V.F.D. which are directly mounted unto the motor • High reliability • Communication between pumps 	<ul style="list-style-type: none"> • All pumps are fitted with an integrated V.F.D. which are directly mounted unto the motor • High reliability • Constant discharge pressure • Lowest energy consumption
Inverters	<p style="text-align: center;">(NSQ-Drive)</p> 	<p style="text-align: center;">(SQ-Drive)</p> 
Manifolds	 <p style="text-align: center;">Standard Manifold</p>	 <p style="text-align: center;">Standard Manifold</p>
Panel	  <p style="text-align: center;">7" LCD Touch Screen Monitor</p>	

Control Specifications/Features

	NSQ-DHF(T) Series Inverter Horizontal Pump	SQ-DHF(T) Series Inverter Horizontal Pump
Appearance		
Features	<ul style="list-style-type: none"> • Equipped with a NSQ-Drive • High Reliability • Maintains constant pressure • Soft start functionality • Compact Design/easy installation 	<ul style="list-style-type: none"> • Equipped with a SQ-Drive • High Reliability • Maintains constant pressure • Soft start functionality • Compact Design/easy installation
Inverters	<p>(NSQ-Drive)</p> 	<p>(SQ-Drive)</p> 
Manifolds	 <p>Check Valve</p>	 <p>Check Valve</p>

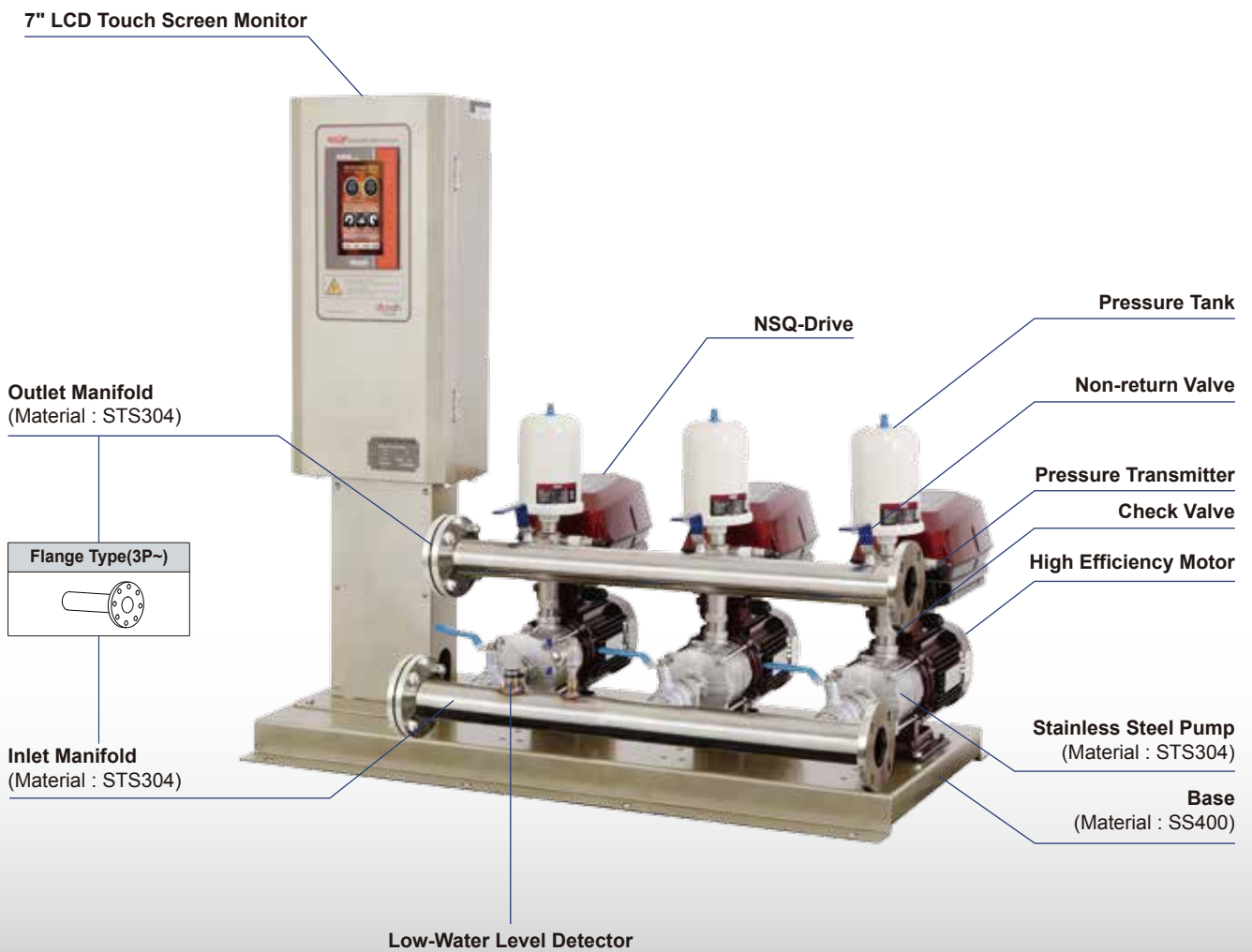
Control Specifications/Features

	NSQP-2(3)DHM Series Individual Inverter Horizontal Booster System (Premium Model)	SQ-2DHM Series Individual Inverter Horizontal Booster System
Appearance		
Features	<ul style="list-style-type: none"> • 7" LCD touch monitor • All pumps are fitted with an integrated V.F.D. which are directly mounted unto the motor • High reliability • Communication between pumps 	<ul style="list-style-type: none"> • All pumps are fitted with an integrated V.F.D. which are directly mounted unto the motor • High reliability • Constant discharge pressure • Lowest energy consumption
Inverters	<p>(NSQ-Drive)</p> 	<p>(SQ-Drive)</p> 
Manifolds	 <p>Standard Manifold</p>	 <p>Standard Manifold</p>
Panel	  <p>7" LCD Touch Screen Monitor</p>	

Control Specifications/Features

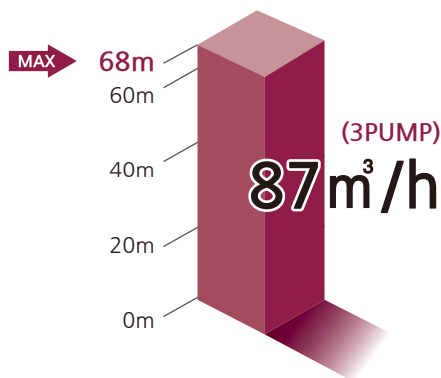
	NSQ-DHM Series Inverter Horizontal Pump	SQ-DHM Series Inverter Horizontal Pump
Appearance		
Features	<ul style="list-style-type: none"> • Equipped with a NSQ-Drive • High Reliability • Maintains constant pressure • Soft start functionality • Compact Design/easy installation 	<ul style="list-style-type: none"> • Equipped with a SQ-Drive • High Reliability • Maintains constant pressure • Soft start functionality • Compact Design/easy installation
Inverters	<p>(NSQ-Drive)</p> 	<p>(SQ-Drive)</p> 
Manifolds	 <p>Check Valve</p>	 <p>Check Valve</p>

NSQP-2(3)DHF(T) Series System



Specification

- Max. Flow(Q) : 87m³/h
- Max. Head(H) : 68m
- No. of pumps : Up to 3 pumps
- Input Power : 3PH 380V~440V / 50 & 60Hz (0.75~7.5HP)
1PH 200V~230V / 50 & 60Hz (0.75~3HP)



Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

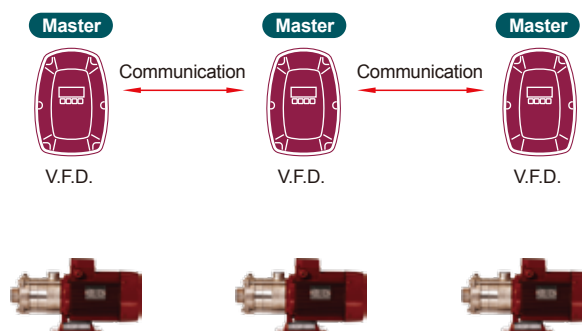
NSQP-2(3)DHF(T) Series

NSQP-DHF(T) pumps are built on the basis of DHF pumps. The main difference between the DHF and the NSQP-DHF(T) pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQP-DHF(T) pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate. NSQP-DHF(T) is also equipped with the 7" touch screen monitor that is embedded into the panel which features the latest GUI.

- ※ Inlet/Outlet casing material
"T" indicates : GCD450
Without "T" indicates : Stainless steel

Features

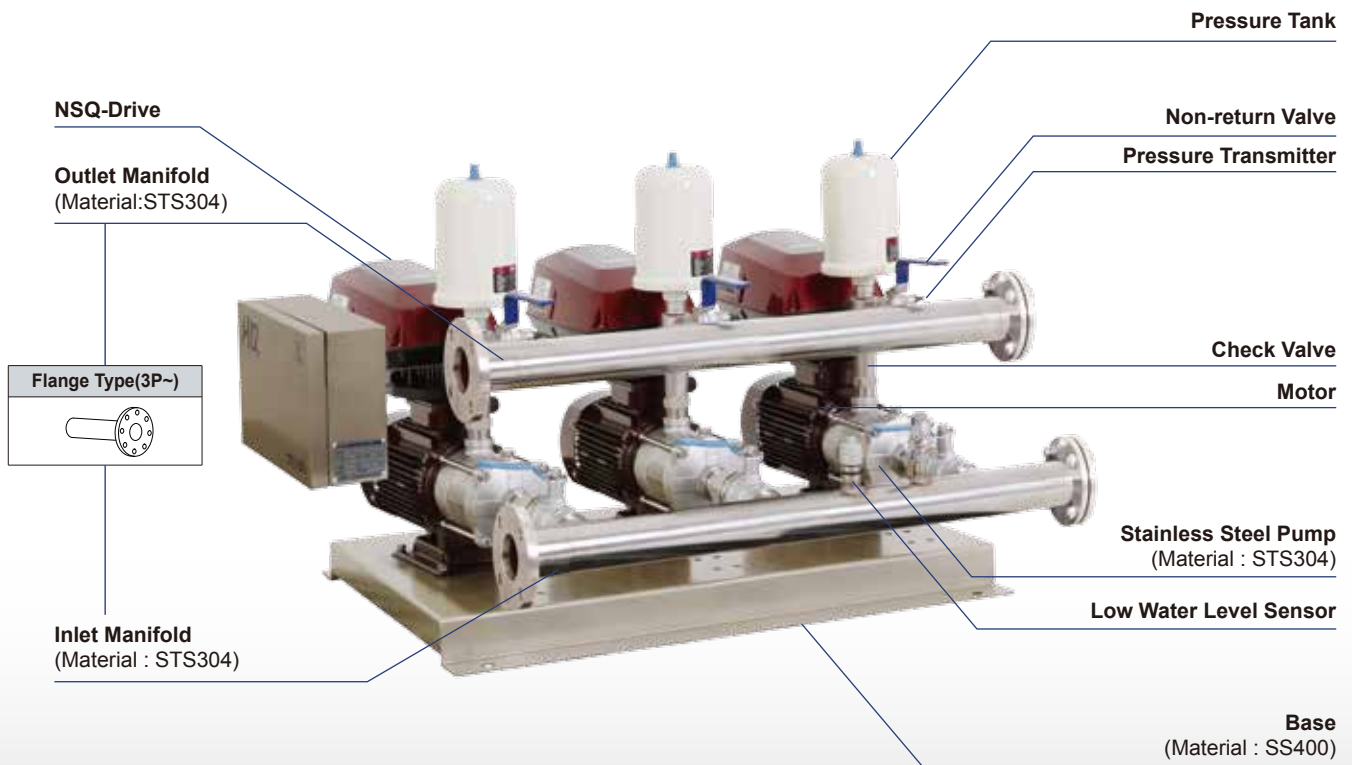
- 7" color LCD touch monitor
- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability



Alternative Operation

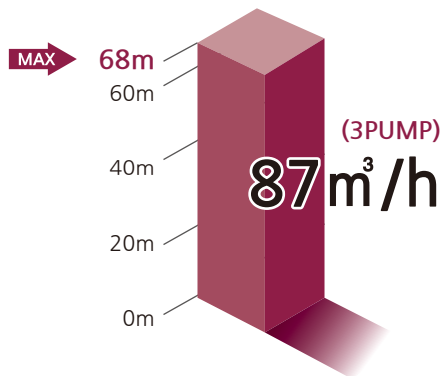
- Alternative operation refers to the total sum of the power accumulated
- This in-return ensures that the operating of each pump will be the same and extends the life-line of each pump as the wear is evenly distributed amongst the pumps.

NSQ-2(3)DHF(T) Series System



Specification

- Max. Flow(Q) : 87m³/h
- max. Head(H) : 68m
- No. of pumps : Up to 3 pumps
- Input Power : 2PUMP - 3PH 380V~440V / 50 & 60Hz (0.75~7.5HP)
1PH 200V~230V / 50 & 60Hz (0.75~3HP)
3PUMP - 3PH 380V~440V / 50 & 60Hz (0.75~7.5HP)
1PH 200V~230V / 50 & 60Hz (0.75~3HP)



NSQ-2(3)DHF(T) Series

NSQ-DHF(T) pumps are built on the basis of DHF pumps. The main difference between the DHF and the NSQ-DHF(T) pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQ-DHF(T) pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

- ※ Inlet/Outlet casing material
"T" indicates : GCD450
Without "T" indicates : Stainless steel

Functions

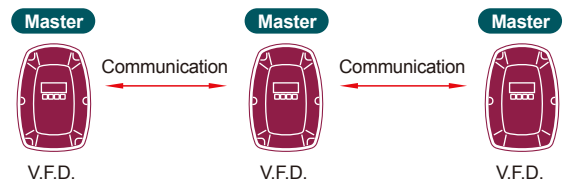
- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

Features

- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems



Alternative Operation

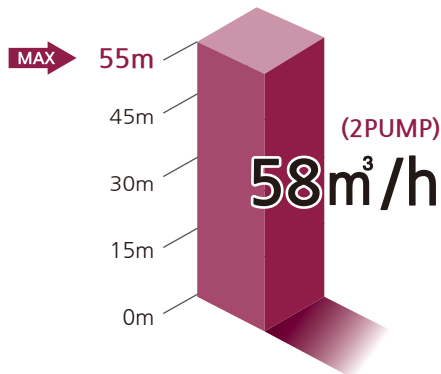
- Alternative operation refers to the total sum of the power accumulated
- This in-return ensures that the operating of each pump will be the same and extends the life-line of each pump as the wear is evenly distributed amongst the pumps.

SQ-2DHF(T) Series System



Specification

- Max. Flow(Q) : 58m³/h
- Max. Head(H) : 55m
- No. of pumps : Up to 2 pumps
- Input Power : 1PH 200V~230V / 50 & 60Hz (0.75~2HP)



SQ-2DHF(T) Series

SQ-DHF(T) pumps are built on the basis of DHF pumps. The main difference between the DHF and the SQ-DHF(T) pump is the variable frequency drive. Enhanced with the SQ-Drive, SQ-DHF(T) pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The SQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

- ※ Inlet/Outlet casing material
"T" indicates : GCD450
Without "T" indicates : Stainless steel

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring

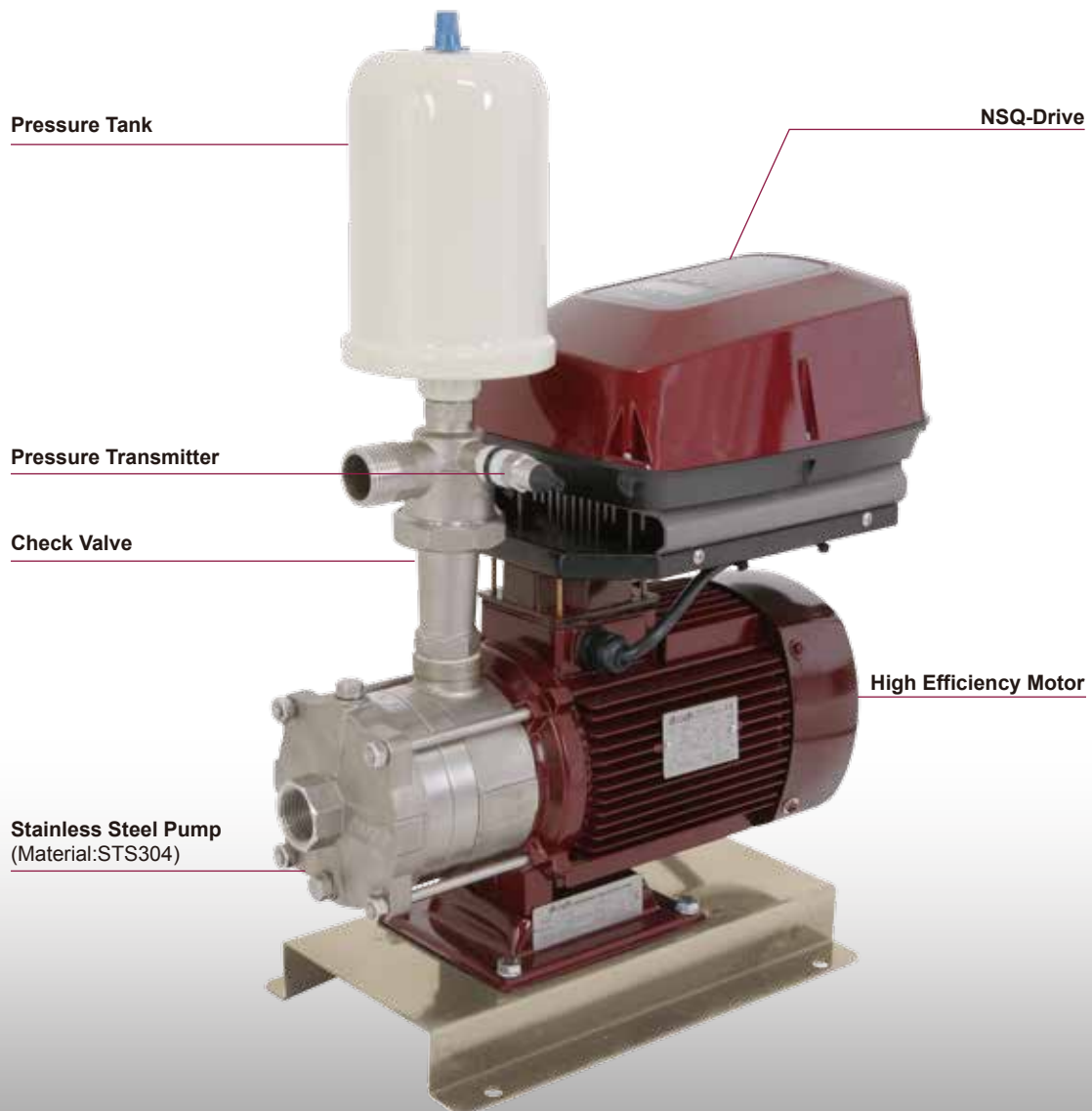
Features

- Each pump are individually controlled by a SQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

NSQ-DHF(T) Series

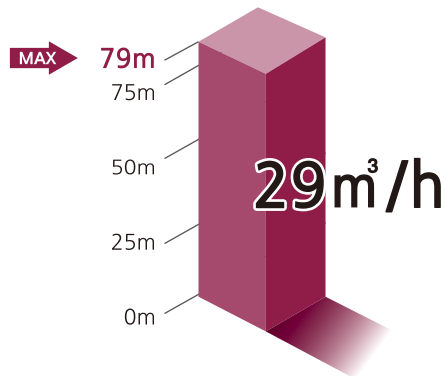


NSQ-DHF(T) Series

INDIVIDUAL INVERTER HORIZONTAL PUMP

Specification

- Max. Flow(Q) : 29 m³/h
- Max. Head(H) : 68m
- Motor Power : 0.55~5.5kW (0.75~7.5HP)
- Input Power : 3Φ×380V~440V / 50 & 60Hz (0.75~7.5HP)
1Φ×200V~230V / 50 & 60Hz (0.75~3HP)



NSQ-DHF(T) Series

NSQ-DHF(T) pumps are built on the basis of DHF pumps. The main difference between the DHF and the NSQ-DHF(T) pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQ-DHF(T) pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

- ※ Inlet/Outlet casing material
"T" indicates : GCD450
Without "T" indicates : Stainless steel

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

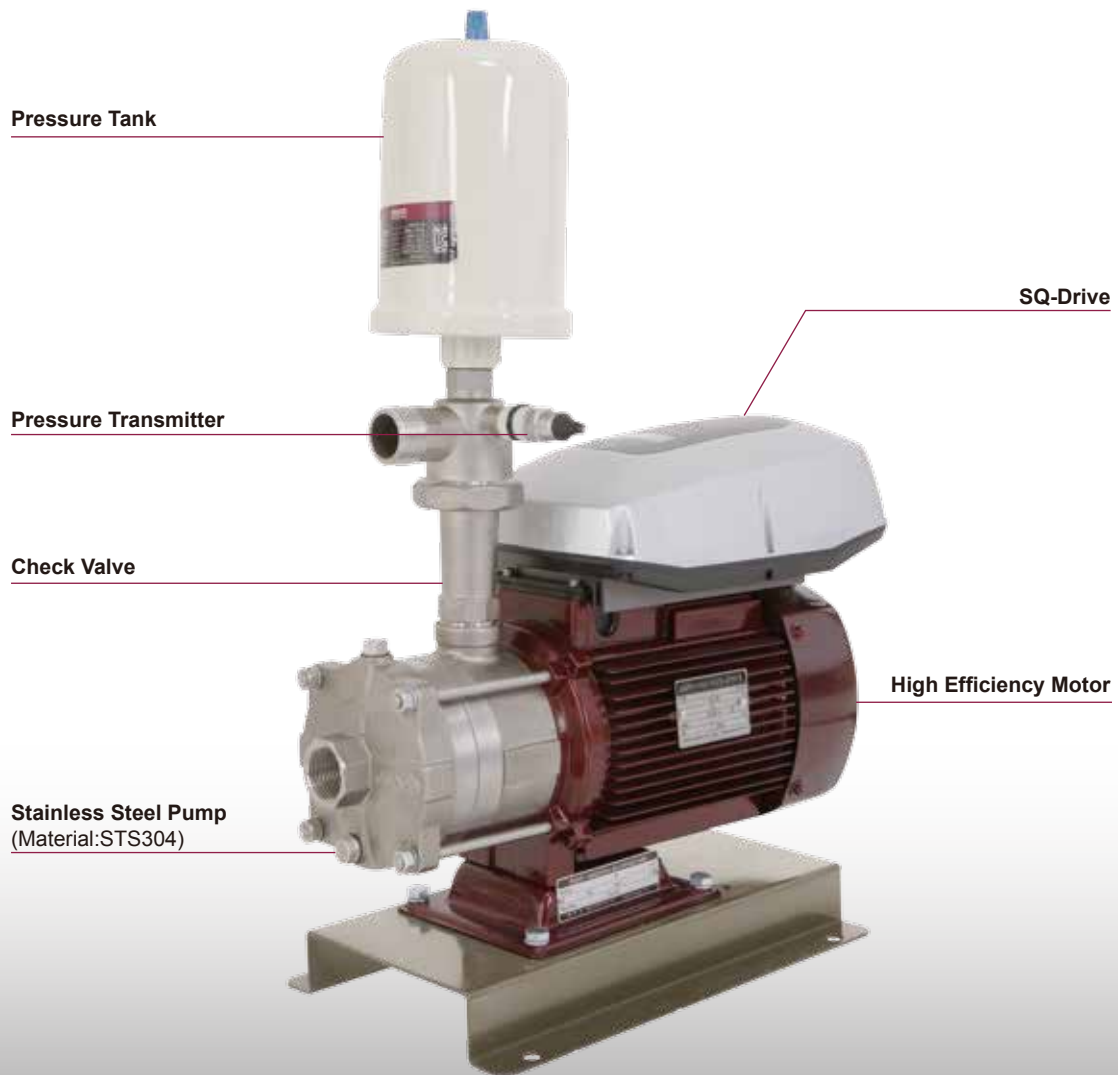
Features

- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

SQ-DHF(T) Series

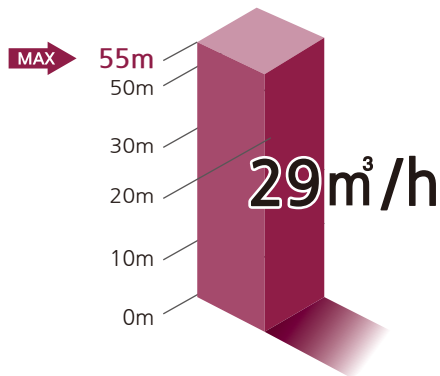


SQ-DHF(T) Series

INDIVIDUAL INVERTER HORIZONTAL PUMP

Specification

- Max. Flow(Q) : 29m³/h
- Max. Head(H) : 55m
- Motor Power : 0.55~1.5kW (0.75~2HP)
- Input Power : 1Φ×200V~230V / 50 & 60Hz (0.75~2HP)



SQ-DHF(T) Series

SQ-DHF(T) pumps are built on the basis of DHF pumps. The main difference between the DHF and the SQ-DHF(T) pump is the variable frequency drive. Enhanced with the SQ-Drive, SQ-DHF(T) pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The SQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

- ※ Inlet/Outlet casing material
- "T" indicates : GCD450
- Without "T" indicates : Stainless steel

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring

Features

- Each pump are individually controlled by a SQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

NSQP-2(3)DHM Series System

7" LCD Touch Screen Monitor

Outlet Manifold
(Material : STS304)

Flange Type(3P~)



Inlet Manifold
(Material : STS304)

Low Water Level Sensor

NSQ-Drive

Pressure Tank

Non-return Valve

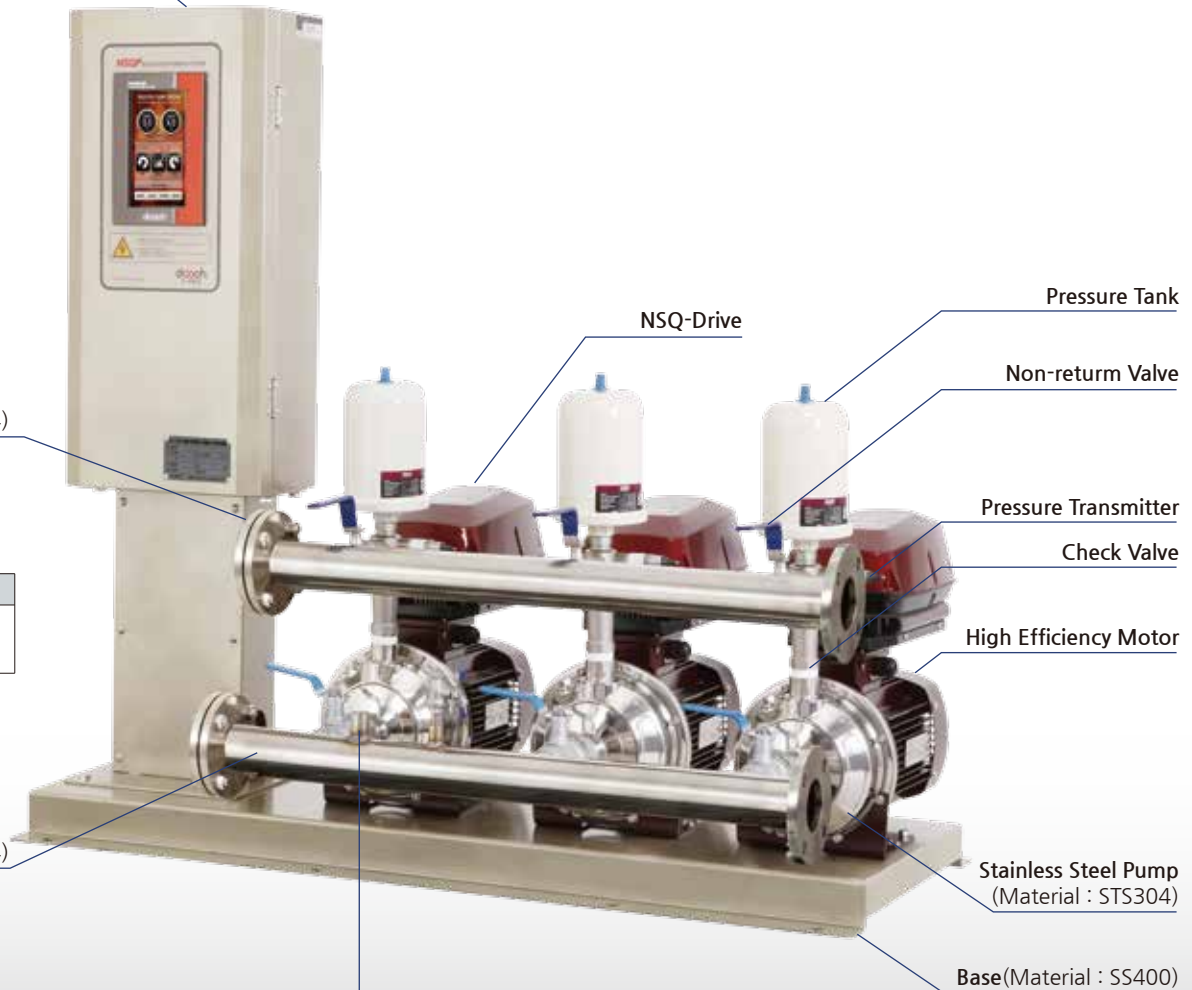
Pressure Transmitter

Check Valve

High Efficiency Motor

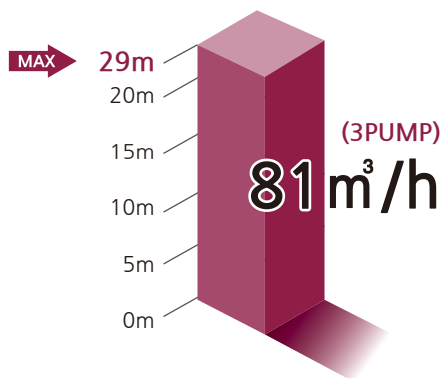
Stainless Steel Pump
(Material : STS304)

Base(Material : SS400)



Specification

- Max. Flow(Q) : 81m³/h
- Max. Head(H) : 29m
- No. of pumps : Up to 3 pumps
- Input Power : 3PH 380V~440V / 50 & 60Hz (0.5~3HP)
1PH 200V~230V / 50 & 60Hz (0.5~3HP)



Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

Applications

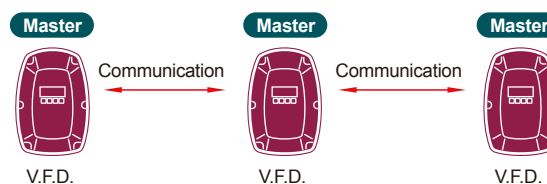
- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

NSQP-2(3)DHM Series

NSQP-2(3)DHM pumps are built on the basis of DHM pumps. The main difference between the DHM and the NSQP-2(3)DHM pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQP-2(3)DHM pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate. NSQP-2(3)DHM is also equipped with the 7" touch screen monitor that is embedded into the panel which features the latest GUI.

Features

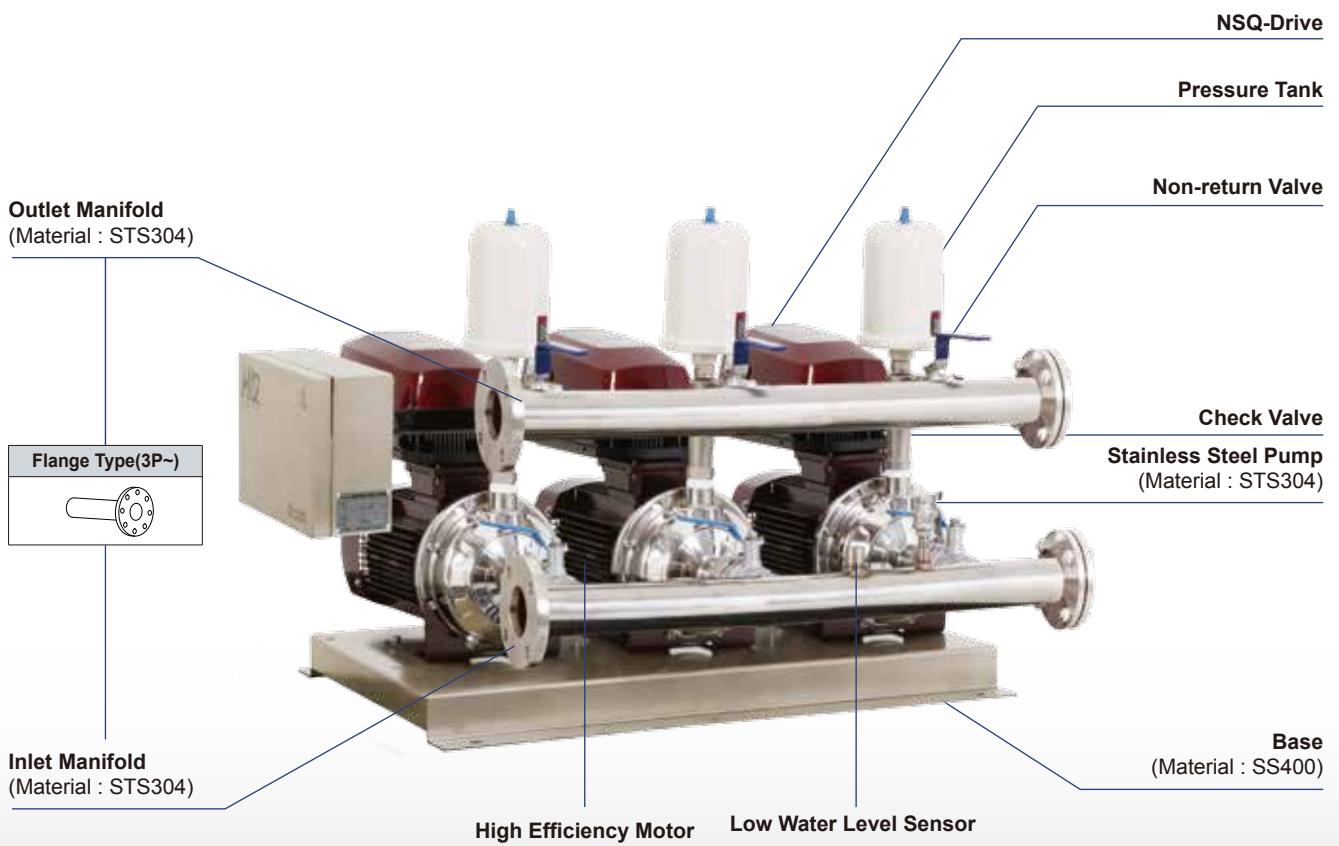
- 7" color LCD touch monitor
- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability



• Alternative Operation

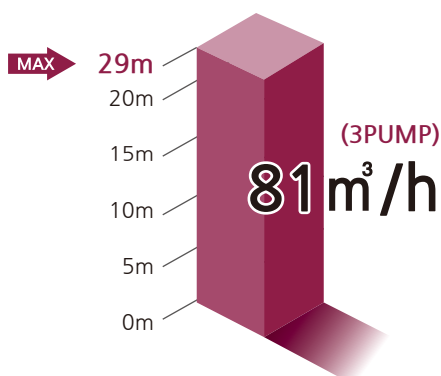
- Alternative operation refers to the total sum of the power accumulated
- This in-return ensures that the operating of each pump will be the same and extends the life-line of each pump as the wear is evenly distributed amongst the pumps.

NSQ-2(3)DHM Series System



Specification

- Max. Flow(Q) : 81 m³/h
- Max. Head(H) : 29m
- No. of pumps : Up to 3 pumps
- Motor Power : 0.37~2.2kW (0.5~3HP)
- Input Power : 2PUMP - 3PH 380V~440V / 50 & 60Hz (0.5~3HP)
1PH 200V~230V / 50 & 60Hz (0.5~3HP)
- 3PUMP - 3PH 380V~440V / 50 & 60Hz (0.5~3HP)
1PH 200V~230V / 50 & 60Hz (0.5~3HP)



Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

Applications

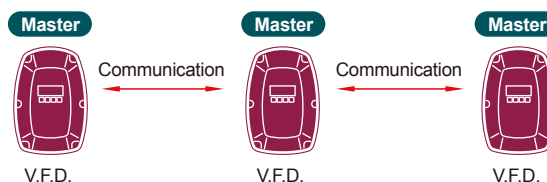
- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

NSQ-2(3)DHM Series

NSQ-2(3)DHM pumps are built on the basis of DHM pumps. The main difference between the DHM and the NSQ-2(3)DHM pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQ-2(3)DHM pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

Features

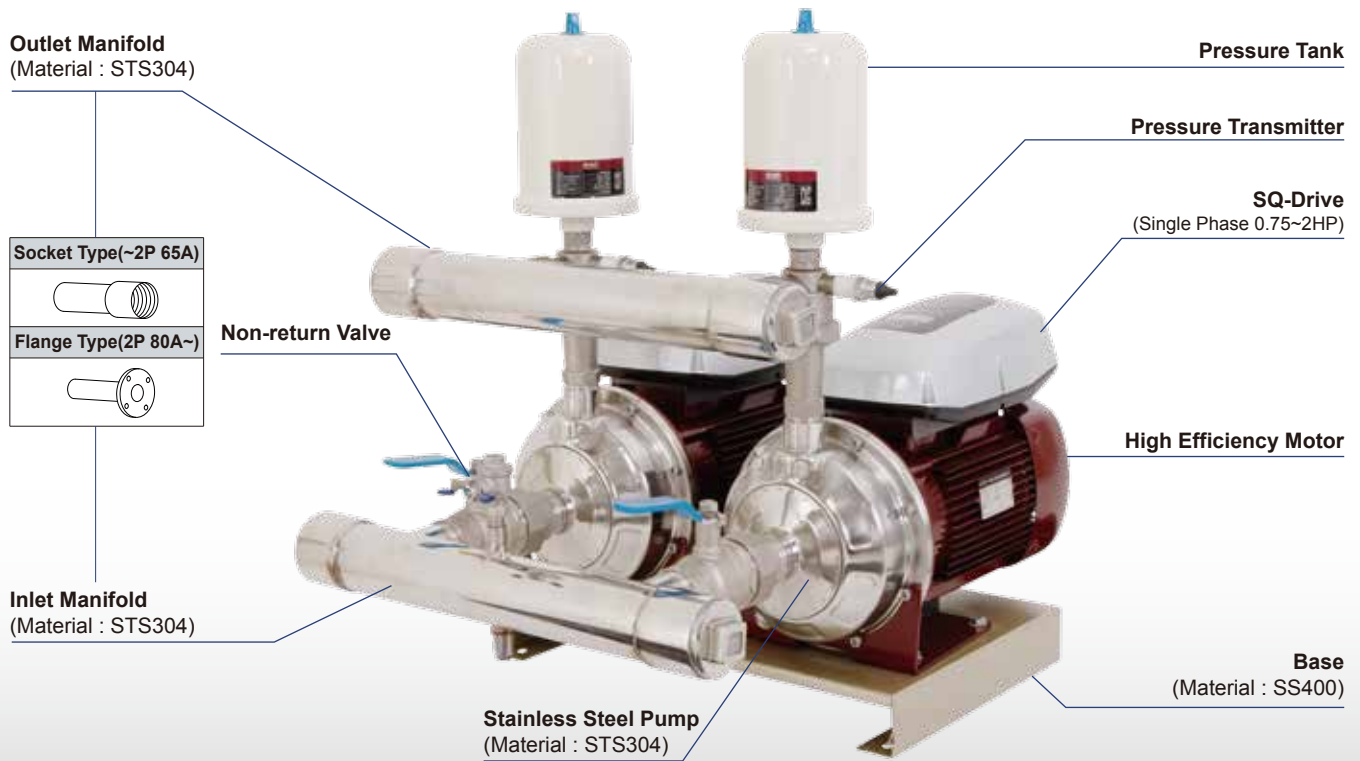
- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability



• Alternative Operation

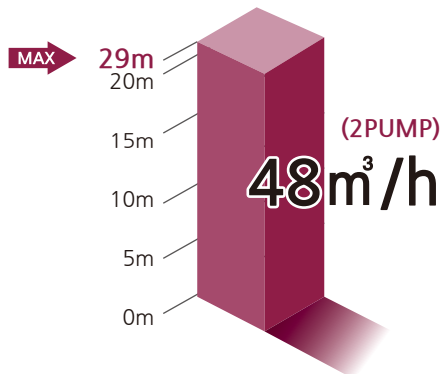
- Alternative operation refers to the total sum of the power accumulated
- This in-return ensures that the operating of each pump will be the same and extends the life-line of each pump as the wear is evenly distributed amongst the pumps.

SQ-2DHM Series System



Specification

- Max. Flow(Q) : 48m³/h
- Max. Head(H) : 29m
- No. of pumps : Up to 2 pumps
- Input Power : 1PH 200V~230V / 50 & 60Hz (0.5~2HP)



SQ-2DHM Series

SQ-2DHM pumps are built on the basis of DHM pumps. The main difference between the DHM and the SQ-2DHM pump is the variable frequency drive. Enhanced with the SQ-Drive, SQ-2DHM pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The SQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring

Features

- Each pump are individually controlled by a SQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Reduced tank and panel sizes
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

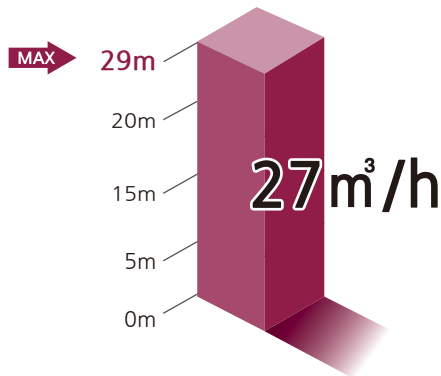
- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

NSQ-DHM Series



Specification

- Max. Flow(Q) : 27m³/h
- Max. Head(H) : 29m
- Motor Power : 0.37~2.2kW (0.5~3HP)
- Input Power : 3Φ×380V~440V / 50 & 60Hz (0.5~3HP)
1Φ×200V~230V / 50 & 60Hz (0.5~3HP)



NSQ-DHM Series

NSQ-DHM pumps are built on the basis of DHM pumps. The main difference between the DHM and the NSQ-DHM pump is the variable frequency drive. Enhanced with the NSQ-Drive, NSQ-DHM pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The NSQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring
- RS485 service interface

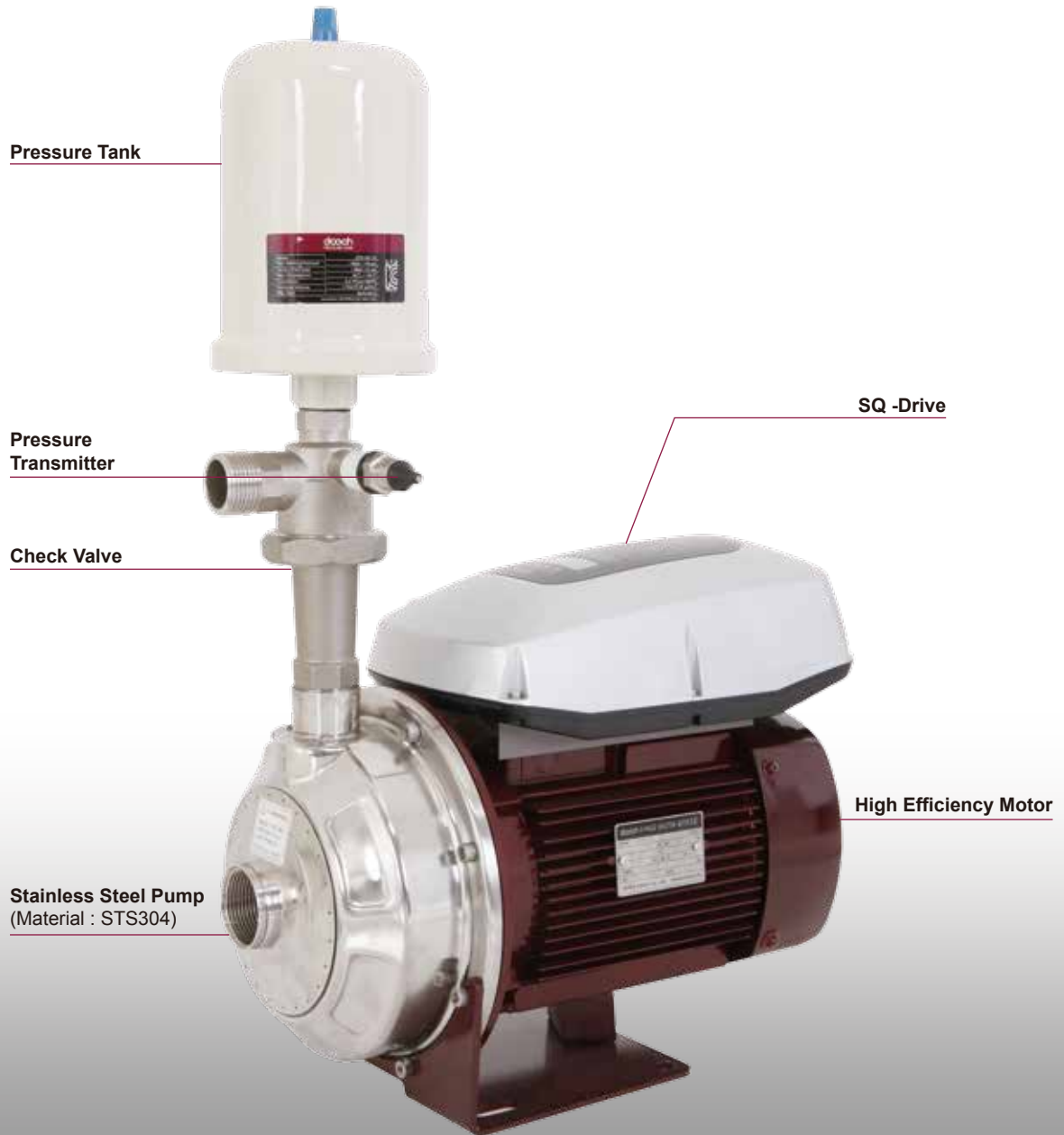
Features

- Each pump are individually controlled by a NSQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

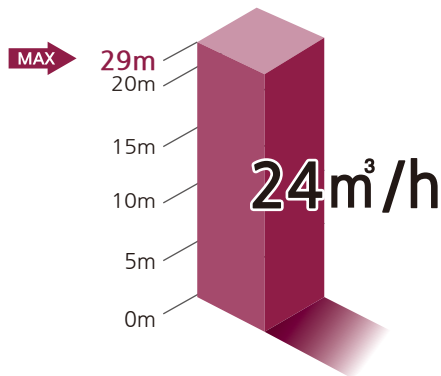
- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

SQ-DHM Series



Specification

- Max. Flow(Q) : 24m³/h
- Max. Head(H) : 29m
- Motor Power : 0.37~1.5kW (0.5~2HP)
- Input Power : 1Φ×200V~230V / 50 & 60Hz (0.5~2HP)



SQ-DHM Series

SQ-DHM pumps are built on the basis of DHM pumps. The main difference between the DHM and the SQ-DHM pump is the variable frequency drive. Enhanced with the SQ-Drive, SQ-DHM pump together with the appropriate sensor is turned into an intelligent, variable speed pumping system. The SQ-Drives adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic Flowless Sensor
- Automatic recovery after power failure Inverter
- Pump Protection
- FND- status monitoring

Features

- Each pump are individually controlled by a SQ drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Less wear of the system during operation
- Compact assembly and installation
- High reliability

Applications

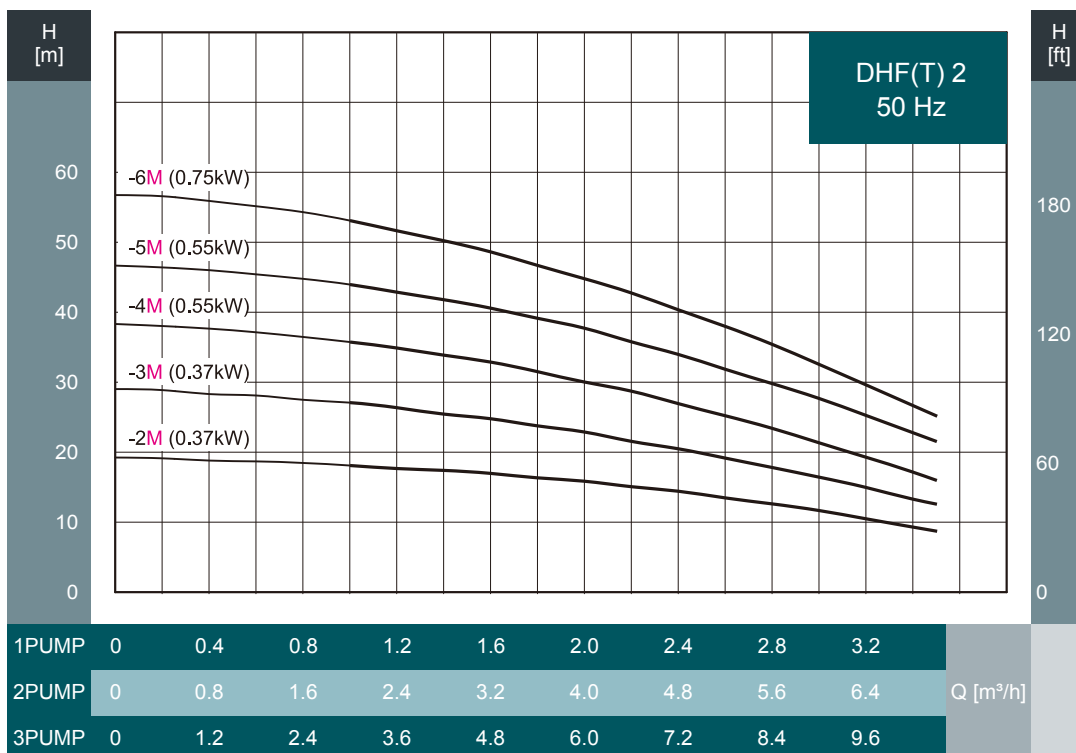
- Pressure boosting systems
- Domestic water supply systems
- Cooling Systems
- Air-conditioning systems
- Small Industrial water supply systems
- Horticultural irrigation systems

Model Features

Model	Power Specifications		Number of Pumps		Lcd Touch Panel
	1PH 200V~230V 50Hz (0.75~2HP)	1PH 200V~230V 50Hz (3HP) 3PH 380V~440V 50Hz (0.75~7.5HP)	2	3	
NSQ(P)-2(3)DHF(T) Series	●	●	●	●	●
SQ-2DHF(T) Series	●	×	●	×	×

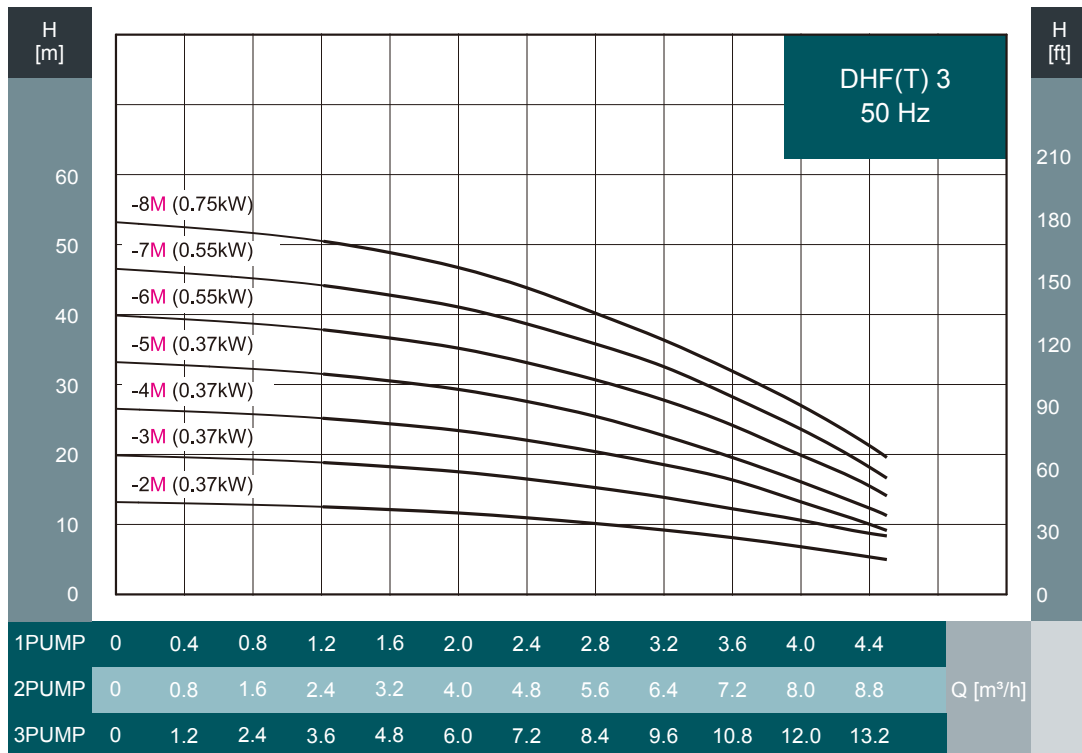
※ Inlet/Outlet Casing Material
 With "T" : GCD450
 Without "T" : Stainless steel

2(3)DHF(T) 2 Series



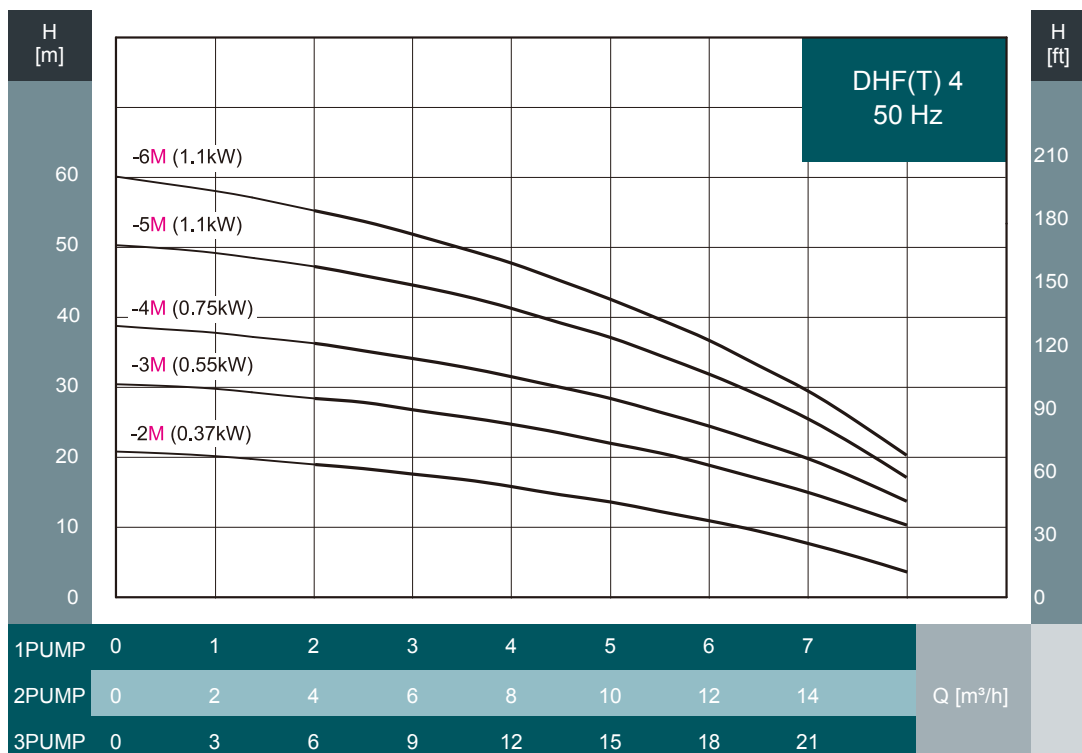
Remark | "M" is 220V/Single Phase Model
 SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 3 Series



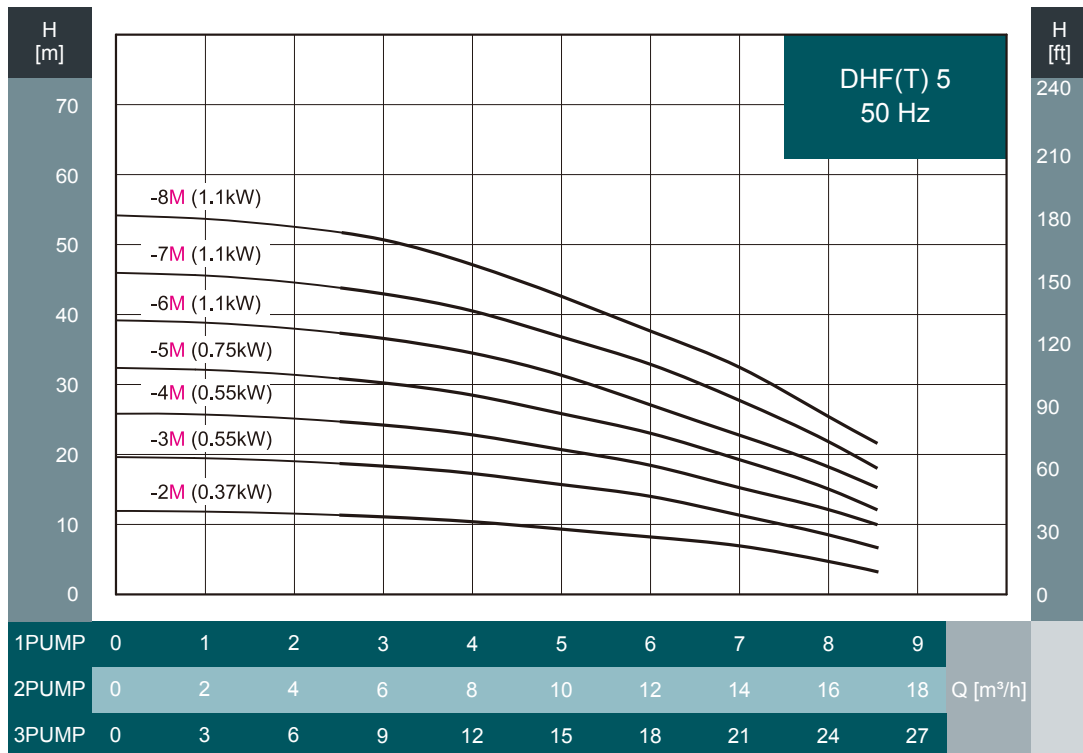
Remark | "M" is 220V/Single Phase Model
SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 4 Series



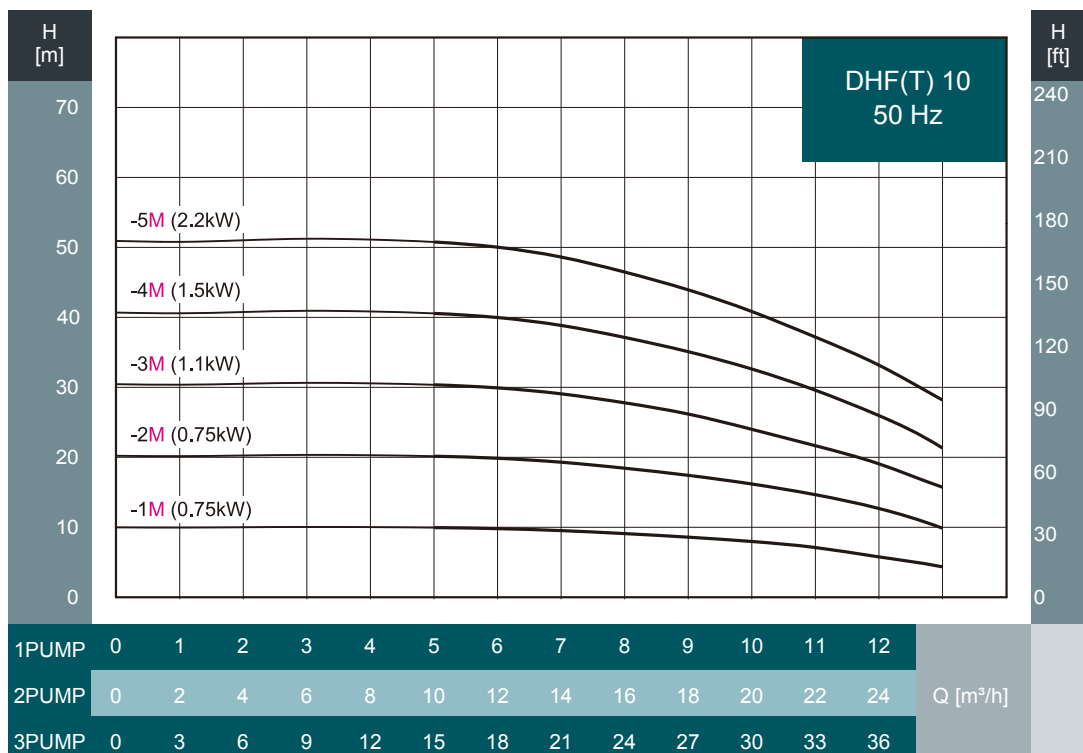
Remark | "M" is 220V/Single Phase Model
SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 5 Series



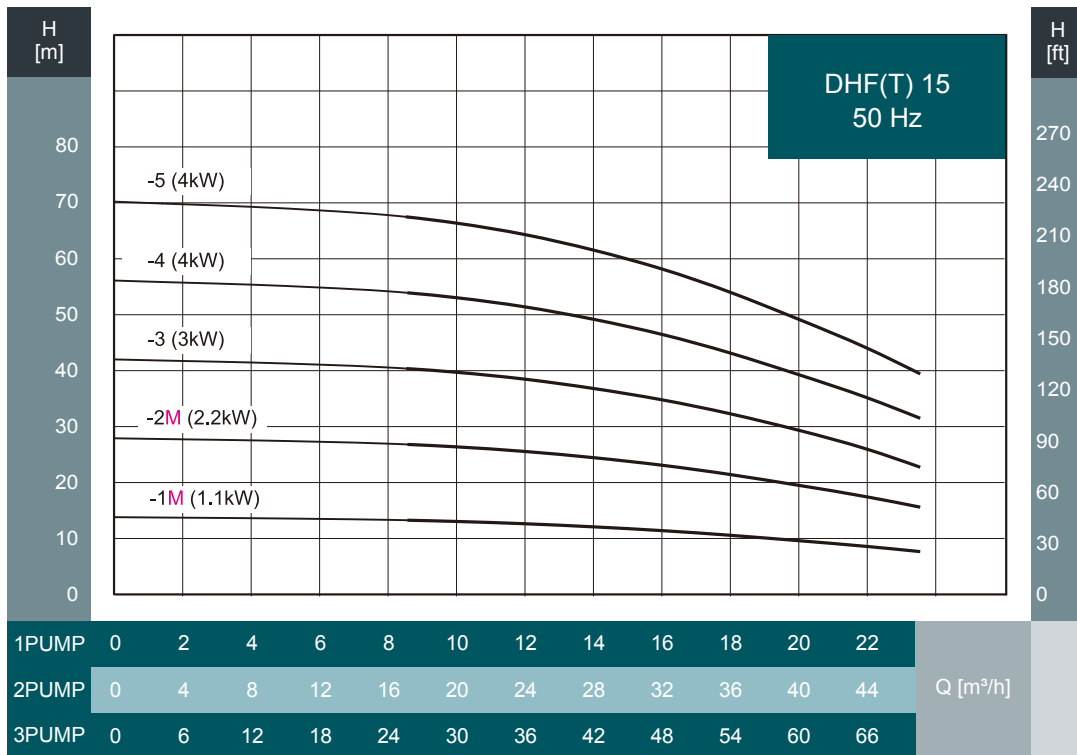
Remark | "M" is 220V/Single Phase Model
SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 10 Series



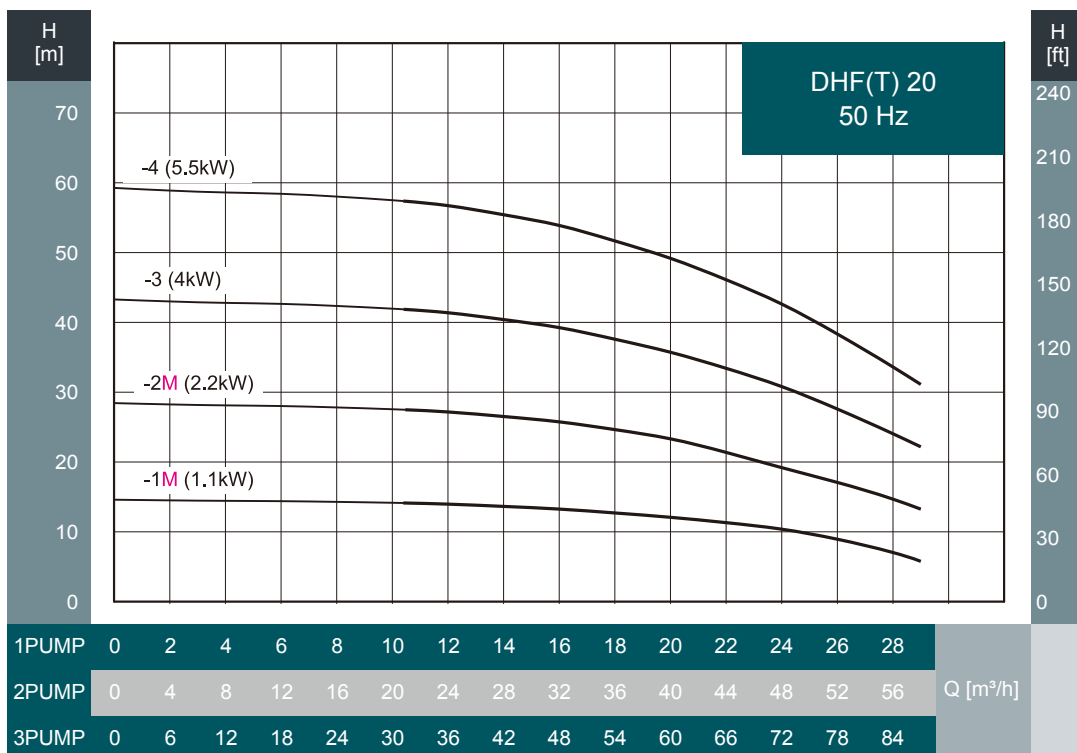
Remark | "M" is 220V/Single Phase Model
SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 15 Series



Remark | "M" is 220V/Single Phase Model
SQ-DHF(T) can be applied for applications up to 2HP

2(3)DHF(T) 20 Series

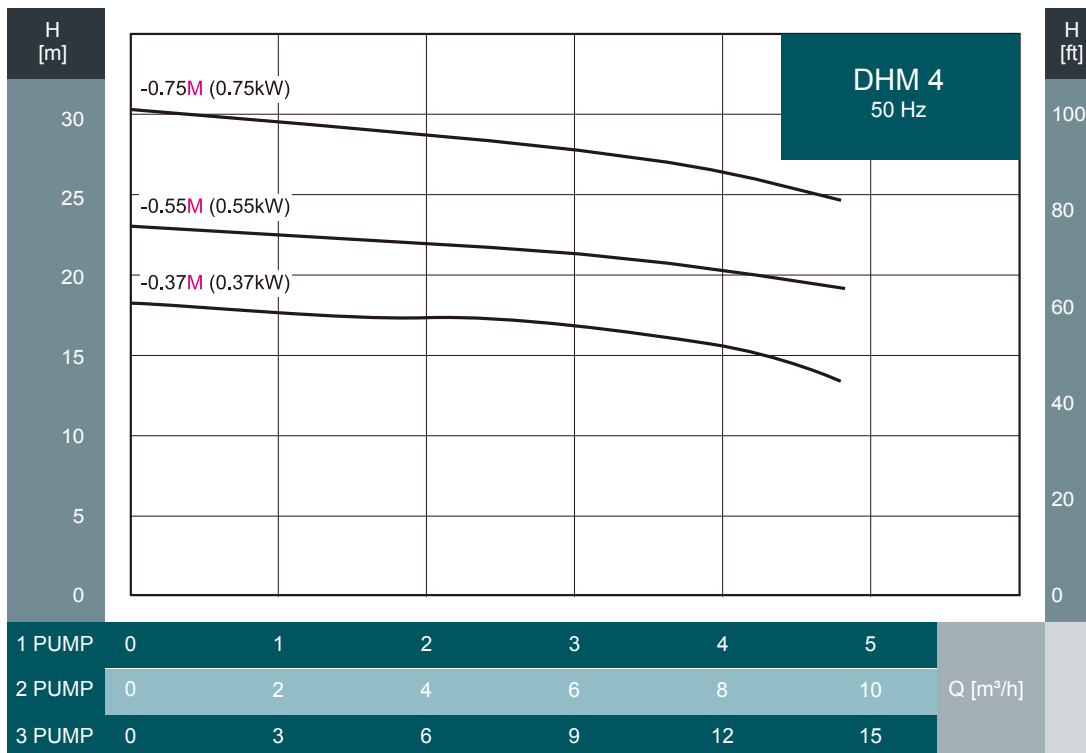


Remark | "M" is 220V/Single Phase Model

Model Features

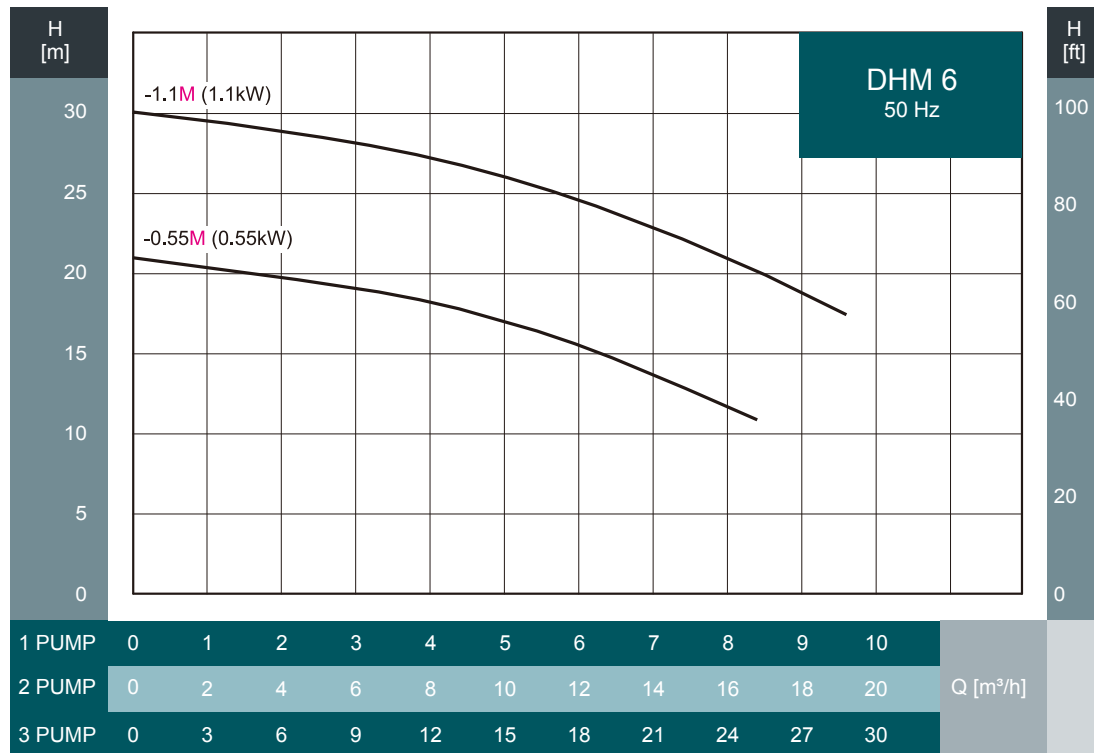
Model	Power Specifications		Number of Pumps		Lcd Touch Panel
	1PH 200V~230V 50Hz (0.5~2HP)	1 PH 200V~230V 50Hz (3HP) 3PH 380V~440V 50Hz (0.5~3HP)	2	3	
NSQ(P)-2(3)DHM Series	●	●	●	●	●
SQ-2DHM Series	●	×	●	×	×

(2)3DHM 4 series



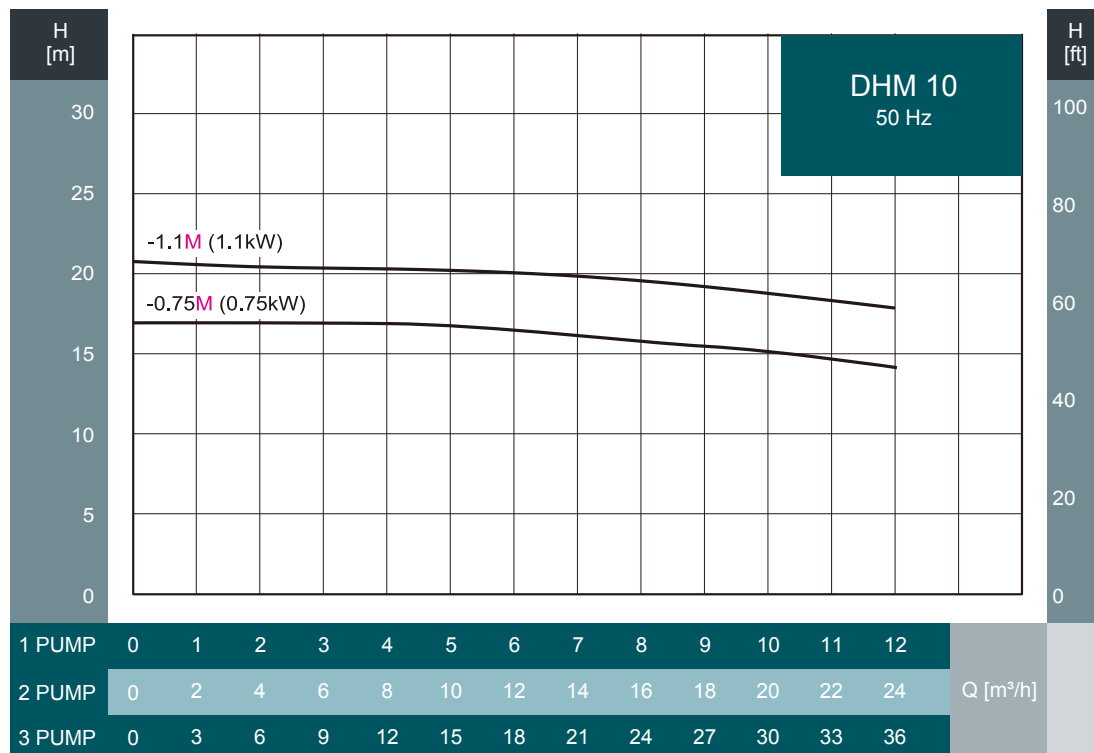
Remark | "M" is 220V/Single Phase Model
SQ-series can be applied for applications up to 2HP

(2)3DHM 6 series



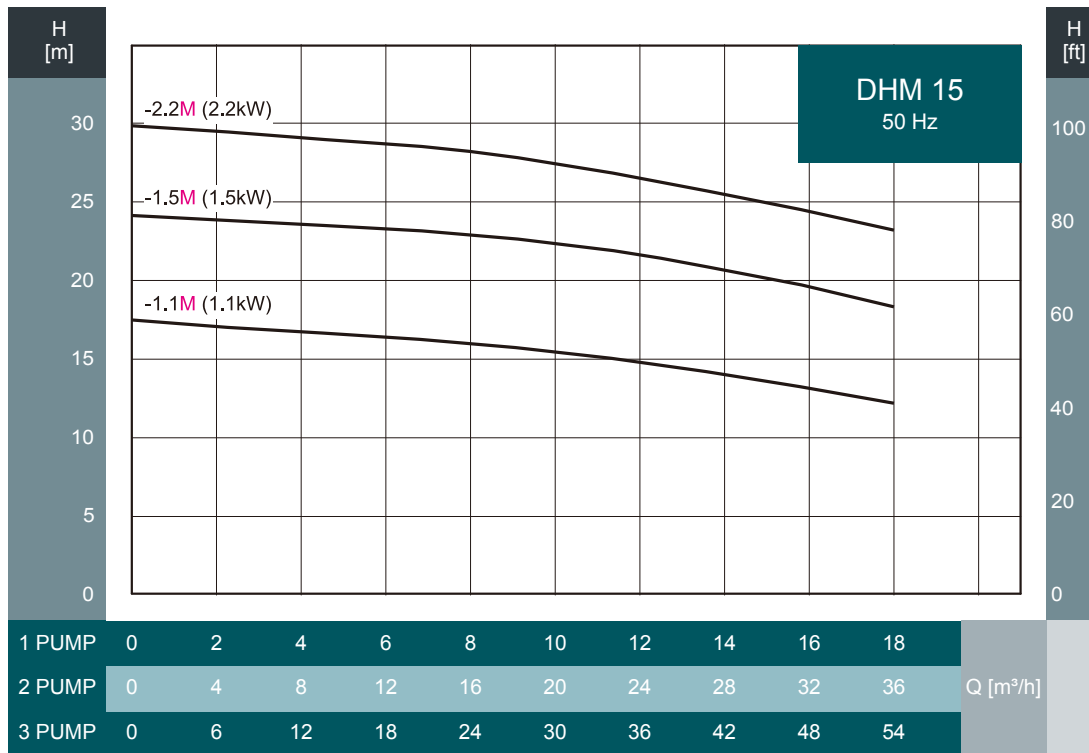
Remark | "M" is 220V/Single Phase Model
SQ-series can be applied for applications up to 2HP

(2)3DHM 10 series



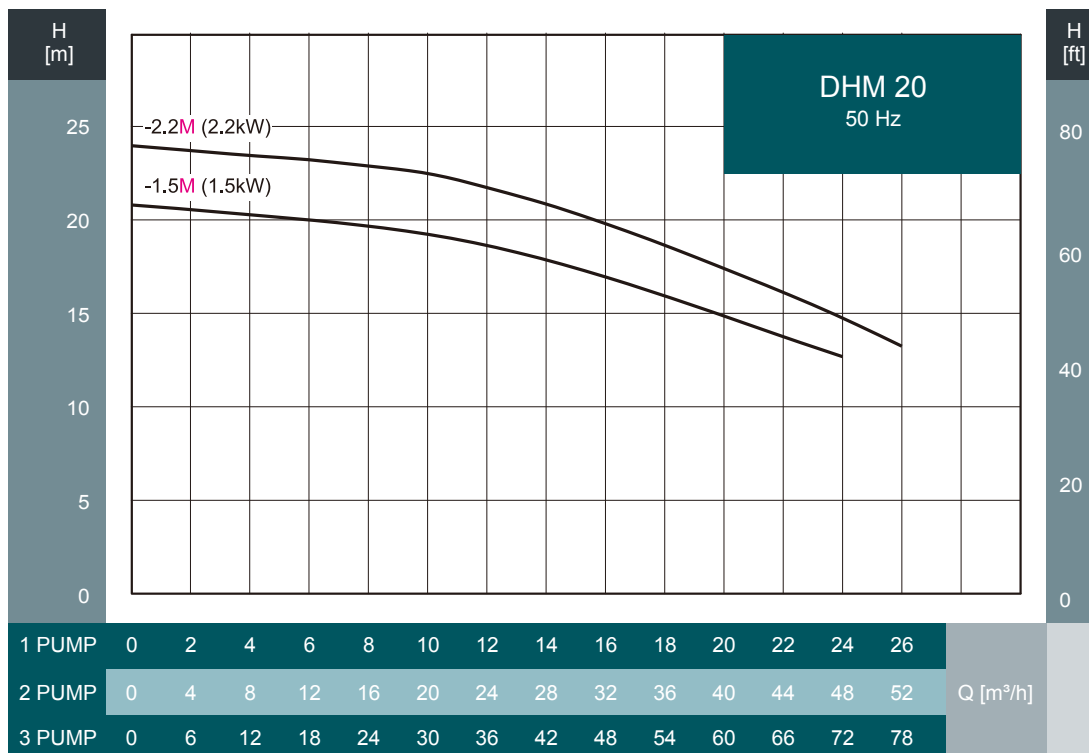
Remark | "M" is 220V/Single Phase Model
SQ-series can be applied for applications up to 2HP

(2)3DHM 15 series



Remark | "M" is 220V/Single Phase Model
SQ-series can be applied for applications up to 2HP

(2)3DHM 20 series



Remark | "M" is 220V/Single Phase Model
SQ-series can be applied for applications up to 2HP

dooch
두크펌프