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SKOYOD®



BRING LIFE CLOSER TO FUTURE ENERGY

Producers of rare earth permanent magnet
variable frequency water pumps



ABOUT SKOYOD

SKOYOD factory in China is located in Taizhou, Zhejiang Province. We have been manufacturing precision products for over 30 years include pumps products ,condensate water treatment and ventilation system. Company integrates product design, research and development, production and sales into whole system. Also We are the only enterprise in China that applies rare earth permanent magnet technology to pumps industry. Company has a construction area of 35,000 square meters. Currently,it has over 200 employees,including more than 30 technical R&D personnel. Products are exported some countries. with an annual production capacity of over 2 million units. The company has won more than 200 patents for product appearance and invention. It has successively passed various certifications such as CCC, CE, UL, ISO9001, ROSE, and IPMS etc. SKOYOD is still exploring to customize personalized air and water system solutions for global users through technological innovation.Our advantages is to continuously innovate, break through traditional technologies, adopt aerospace precision manufacturing techniques, apply genuine rare earth permanent magnets to the pumps industry, combine Chinese smart manufacturing, revolutionize and upgrade the pumps industry, lead the global high-end quality market. And enable users to experience the pleasant experience brought by new technologies.



BRAND HISTORY

In 1998

SKOYOD was established in Taizhou, Zhejiang Province, China, and is committed to becoming a company integrating research and development. A global household water pump integrating manufacturing, marketing and service. HVAC ventilation system and commercial agricultural water technology solutions.

In 2005

We actively promote lean production and total quality management, and have successively passed multiple certifications such as CCC, CE, ISO9001, TUV, ROHS, and IPMS, ensuring that every product meets international first-class standards.



In 2012

The annual production of SKOYOD pumps in the domestic market has reached 800,000 units. Pumps and Ventilation system enjoys a good reputation in the industry.

In 2018

SKOYOD has applied rare earth permanent magnet motors to the water pump industry based on four core aspects: energy consumption, noise, service life, and stability. This has enabled water pumps to achieve a "Pump Power 2.0 era" featuring better sound effects, greater energy efficiency, and longer durability. It has also initiated a historic innovation in water pump technology.

In 2020

SKOYOD has ventured into the new material track for core components, upgrading and iterating its entire product range to rare earth permanent magnet motors. "Rare earth permanent magnets" are not only "industrial vitamins" but also core materials for technological progress in high-end manufacturing and green energy.

NOW

SKOYOD's domestic company has a R&D team of over 30 people, covers an area of 35,000 square meters, and its products are exported to more than 100 countries and regions, with an annual production capacity of over 2 million units. SKOYOD is still exploring and customizing personalized pump solutions for global users through technological innovation.



Water & Life

Enjoy the rhythm of water
Infuse vitality into a beautiful life

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Water & Technology

The technology that senses water
Makes life burst out with continuous
kinetic energy



"King of Permanent Magnets"

Rare earth permanent magnets - core materials for aviation and military industries



Metal permanent magnet Important materials in the field of instruments and meters

After the emergence of new permanent magnetic materials, metal permanent magnetic materials have been widely used as substitutes, but they have not completely withdrawn from the market. With its uniqueness, it still holds a certain market share in terms of magnetic performance, but its production scale is completely unable to compete with ferrite permanent magnets and rare earth permanent magnets.

Ferrite permanent magnet

The core components of micro and special motors

Ferrite permanent magnets have a price advantage, being one-tenth of alnico magnets and one percent of samarium cobalt permanent magnets. They can provide stable and long-lasting magnetic flux without consuming electricity and are one of the important means of energy conservation. There are also some inherent drawbacks, mainly including relatively low magnetic performance, fragile physical properties, low mechanical strength and temperature characteristics. There are limitations and relatively large dimensional tolerances. Ferrite permanent magnetic materials still have wide applications in fields where cost is sensitive and performance requirements are not high. However, in cutting-edge technological fields that pursue high performance, lightweight and precision, their performance shortcomings make it difficult for them to compete with rare earth permanent magnetic materials.

Rare earth permanent magnetic materials are the "vitamins" of modern industry. Rare earth permanent magnetic materials refer to the intermetallic materials with ultra-high permanent magnetic performance formed by rare earth metal elements (such as neodymium (Nd), samarium (Sm), dysprosium (Dy), terbium (Tb), etc.) and transition metal elements (such as iron (Fe), cobalt (Co) Compound). It is an indispensable key functional material in modern industry and high-tech fields.

PUMP POWER 2.0 ERA

SKOYOD has applied rare earth permanent magnet motors to the water pump industry based on four core aspects: energy consumption, noise, service life, and stability. This has enabled water pumps to achieve a "Pump Power 2.0 era" featuring better sound effects, greater energy efficiency, and longer durability. It has also initiated a historic innovation in water pump technology.

Type	Main cost drivers	Advantages	Purpose
Samarium cobalt permanent magnetic alloy	Complex processes of cobalt and samarium	Excellent high-temperature performance Corrosion-resistant temperature Good stability	Aerospace Military high temperature "Motor"
Ndfeb permanent magnets	Neodymium, dysprosium/terbium (Used for high performance Neng grade)	The magnetic energy product is the highest High cost performance	Consumer electronics Electric vehicle Wind power, industry "Motor"
Iron-nitrogen permanent magnet Iron-carbon permanent magnet	Samarium (but in smaller amounts) Patented technology	High theoretical performance It may not contain cobalt Heavy rare earth	It is expected to be applied in high-performance motors and other fields in the future

The entire SKOYOD series of pump stations adopt the rare earth permanent magnetic material known as the "King of Permanent Magnets", and it is the first-generation rare earth permanent magnetic material SMC05 with higher value, providing aviation-grade quality. The internal magnetic domains are oriented and densely arranged, forming a "magnetic-locking level" stable structure, which can achieve **a attenuation of only 5% over 100 years**

MUNIS intelligent permanent magnet Variable frequency self-priming centrifugal constant pressure electric pump

MUNIS



MUNIS intelligent permanent magnet Variable frequency self-priming centrifugal constant pressure electric pump

The MUNIS intelligent permanent magnet variable-frequency self-suction centrifugal constant-pressure electric pump is equipped with a built-in rare earth permanent magnet variable-frequency IE5 high-efficiency motor, which is more efficient, more energy-saving, quieter and more durable. It has a powerful suction range and can easily handle long-distance and high-head water usage scenarios, and is widely used.

It has extensive applications in household water supply and industrial buildings, and can be used for liquid transportation and circulation boosting in light industries, household water supply, and is also widely used in cooling systems and air conditioning systems, single-family villas, centralized residences, small communities, schools, small hotels, inns, small office buildings, etc., for household and small commercial water supply and boosting.



Permanent magnet
Strong cutting



Intelligent protection
Regular check



Pre-assembled
Space-saving install



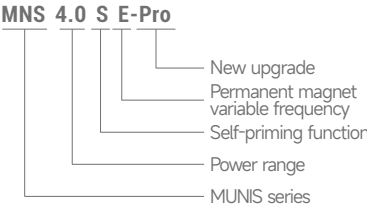
Anti-backflow & quiet
Durable material

MNS-SE-PRO Series

SKOYOD®

MUNIS intelligent permanent magnet
Variable frequency self-priming centrifugal
constant pressure electric pump

-  Rare earth permanent magnet motor, never burns out
-  Self-priming function, powerful and large suction lift
-  Constant pressure speed regulation, adaptive dynamic adjustment stepless speed change
-  Ultimate low noise and smooth operation



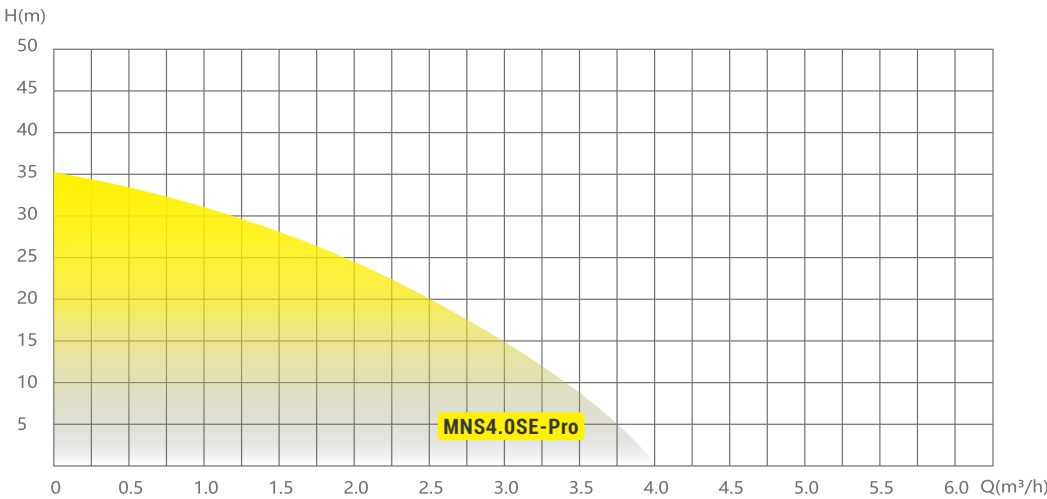
Product Overview

This pump is designed for household water supply and small commercial applications (villas, apartments, schools, hotels), ideal for liquid transfer, circulation boosting, cooling systems, and AC systems.

Advantages:

1. Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
2. Intelligent auto-sensing control – smart controller with auto on/off, anti-jamming, overload protection, fault display and high-precision sensor for rapid response
3. Constant pressure control – stepless speed adjustment, stable supply even with multiple outlets
4. Self-priming function – strong suction lift, handles long-distance and high-lift scenarios
5. 304 stainless steel construction – suitable for hot and cold water, corrosion-resistant
6. Multiple protections – blocking, overload, anti-icing for safer operation
7. Ultra-quiet, compact design – easy installation, smooth operation

Performance curve



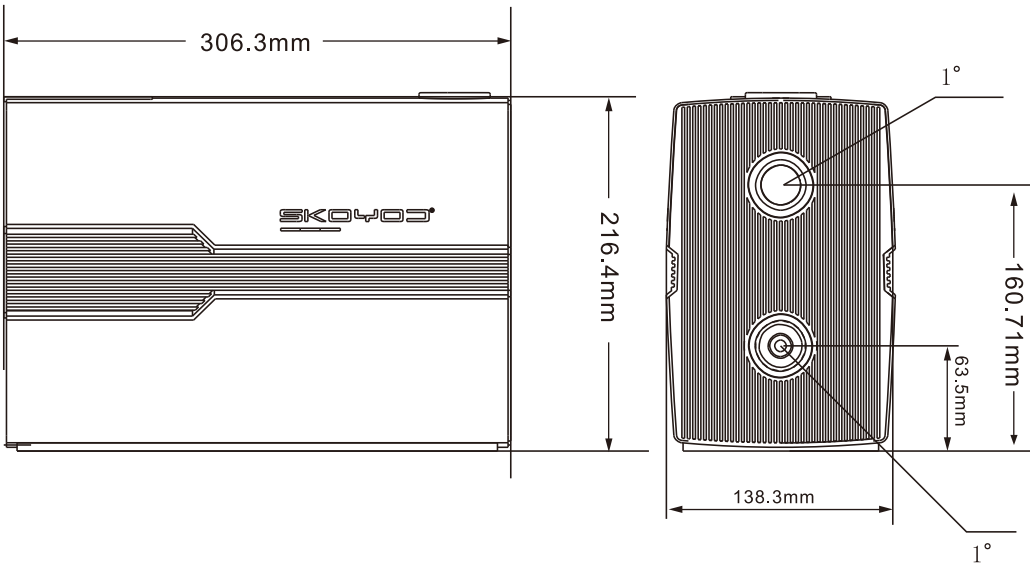
Model	Max Power (W)	Max Head (m)	Max Flow (m³/h)	Max Suction head (m)	Max RP Speed (r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter (")
MNS4.0SE-Pro	400	36	4	5.5	5300	220±20%	50/60	1"/1"

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

MNS4.0SE-Pro

MUNIS intelligent permanent magnet
Variable frequency self-priming centrifugal constant pressure electric pump



MNS-SE-PRO Series

SKOYOD®

MUNIS intelligent permanent magnet
Variable frequency self-priming centrifugal
constant pressure electric pump

- 

Rare earth permanent magnet motor, never burns out
- 

Self-priming function, powerful and large suction lift
- 

Constant pressure speed regulation, adaptive dynamic adjustment, stepless speed change
- 

Ultimate low noise and smooth operation
- MNS 6.0 S E-Pro

 - New upgrade
 - Permanent magnet variable frequency
 - Self-priming function
 - Power range
 - MUNIS series



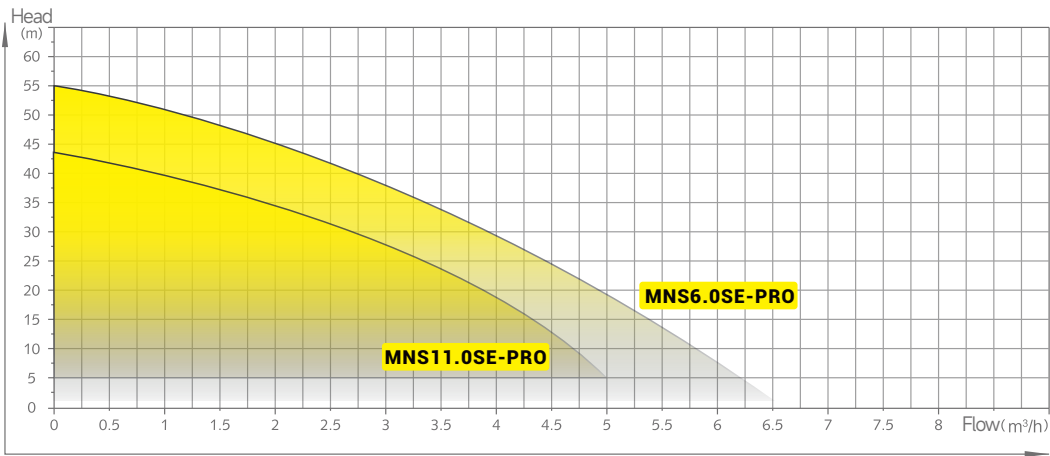
Product Overview

This pump is designed for household water supply and small commercial applications (villas, apartments, schools, hotels), ideal for liquid transfer, circulation boosting, cooling systems, and AC systems.

Advantages:

1. Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
2. Intelligent auto-sensing control – smart controller with auto on/off, anti-jamming, overload protection, fault display, and high-precision sensor for rapid response
3. Constant pressure control – stepless speed adjustment, stable supply even with multiple outlets
4. Self-priming function – strong suction lift, handles long-distance and high-lift scenarios
5. 304 stainless steel construction – suitable for hot and cold water, corrosion-resistant
6. Multiple protections – blocking, overload, anti-icing for safer operation
7. Ultra-quiet, compact design – easy installation, smooth operation

Performance curve



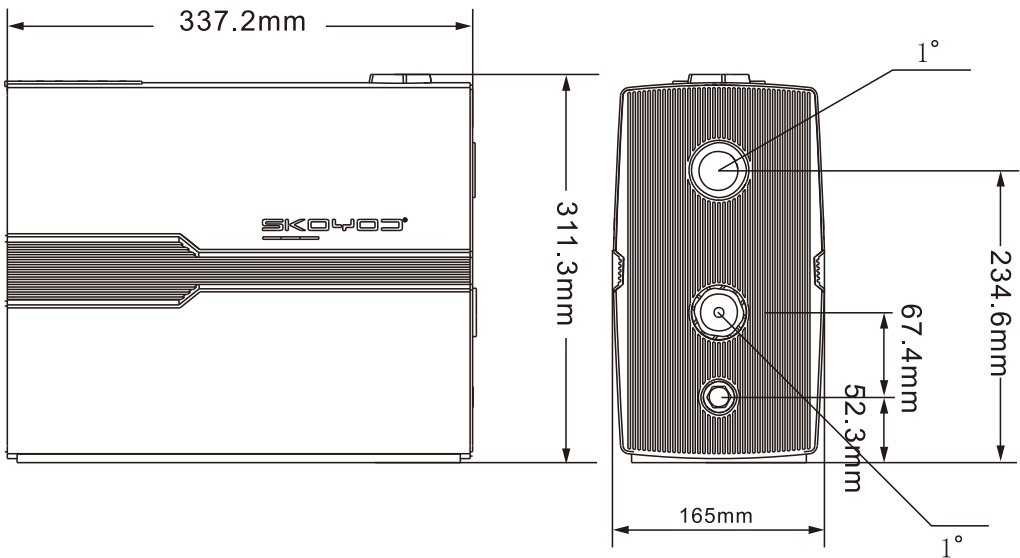
Model	Power range (W)	Max Head (m)	Max Flow (m³/h)	Max Suction head (m)	Max RP Speed (r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(")
MNS6.0SE-Pro	100-600	46	5	9	5500	220±20%	50/60	1"/1"
MNS11.0SE-Pro	600-1100	55	6	9	3400	220±20%	50/60	1"/1"

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

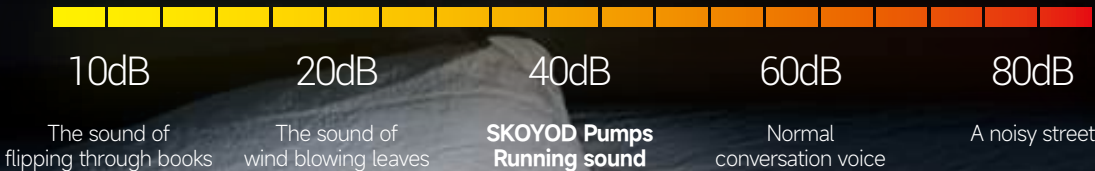
MNS-SE-Pro

MNS intelligent permanent magnet
Variable frequency self-priming centrifugal constant pressure electric pump



CONSTANT PRESSURE WATER SUPPLY

Under the condition of meeting the flow rate, the pressure setting can be freely adjusted. Whether one faucet or multiple faucets are opened, it can ensure constant pressure water use, guaranteeing that your water usage will not fluctuate, be too high or too low, or be too cold or too hot



MULTIPLE NOISE REDUCTION

Three fold noise reduction processing providing you with a comfortable sleeping experience

Permanent magnet variable frequency silent motor

Centrifugal impeller

Sound insulation and noise reduction

MNS-E-PRO Series

SKOYOD®

MUNIS Intelligent permanent magnet frequency conversion Centrifugal constant pressure electric pump

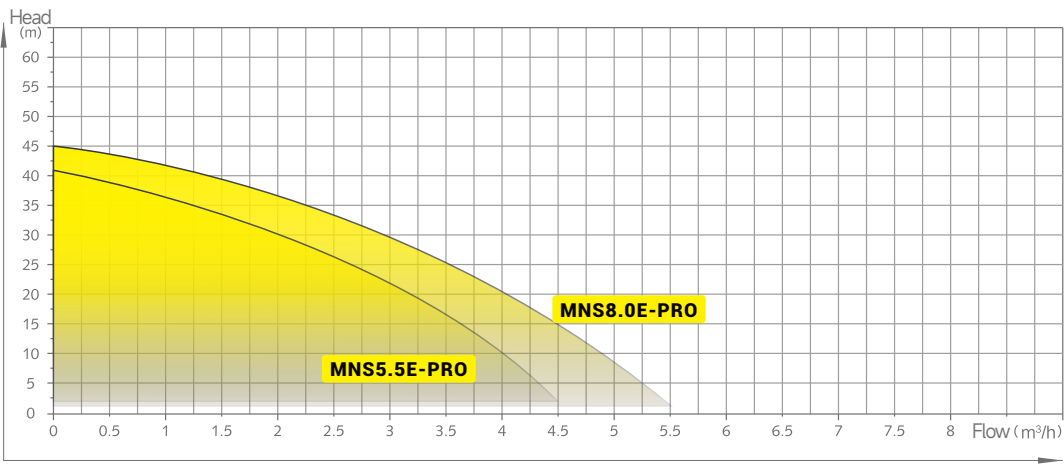
-  Rare earth permanent magnet motor, never burns out
-  Constant pressure speed regulation, adaptive dynamic adjustment stepless speed change
-  Permanent magnet variable frequency IE5(Class 1 energy efficiency) saves over 30% of electricity
-  Ultimate low noise and smooth operation

MNS 5.5 E-Pro

- New upgrade
- Permanent magnet variable frequency
- Power range
- MUNIS series



Performance curve



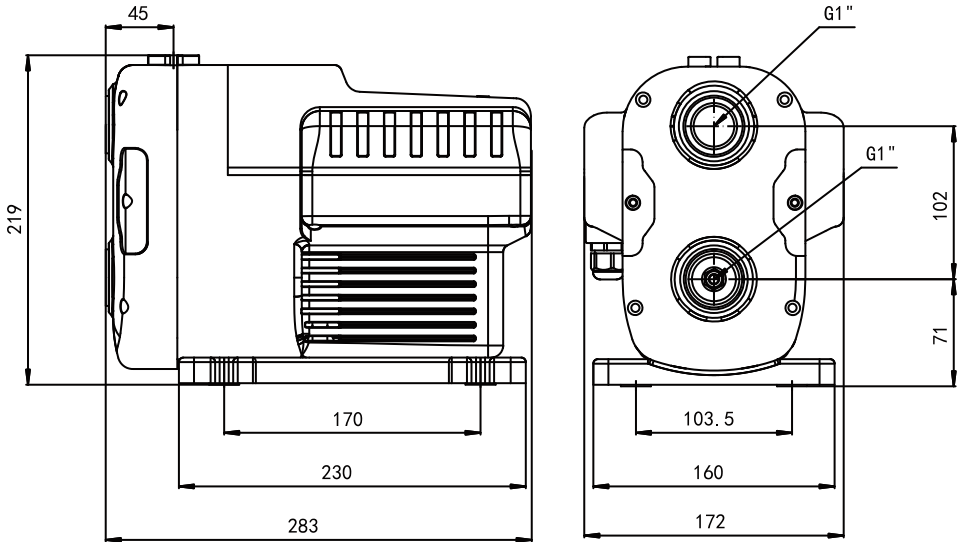
Model	Max Power (W)	Max Head (m)	Max Flow (m³/h)	Max RP Speed (r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
MNS5.5E-Pro	550	45	5	4900	220±20%	50/60	1″/1″
MNS8.0E-Pro	800	48	6	5300	220±20%	50/60	1″/1″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

MNS-E-Pro

MUNIS intelligent permanent magnet Variable frequency self-priming centrifugal constant pressure electric pump



Product Overview

This pump is designed for household water supply and small commercial applications (villas, apartments, schools, hotels), ideal for liquid transfer, circulation boosting, cooling systems, and AC systems.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing control with multiple protections – auto on/off, high-precision sensor, rapid response, anti-jamming, overload, blocking, anti-icing, fault display
- 3.304 stainless steel construction – suitable for hot and cold water, corrosion-resistant
- 4.One-click operation – large screen display, easy to use
- 5.Wide voltage range – 160V-260V, 50/60Hz compatible
- 6.Ultra-quiet, compact design – easy installation, smooth operation

Permanent magnet variable frequency constant pressure centrifugal pump

SLA/B/C-E Series



SLA-E Series

SKOYOD®

Permanent magnet variable frequency constant pressure centrifugal pump

- 

Rare earth permanent magnet motor, never burns out
- 

Permanent magnet variable frequency IE5(Class 1 energy efficiency) saves over 30% of electricity
- 

Intelligent protections such as water shortage and overload ensure safer use
- 

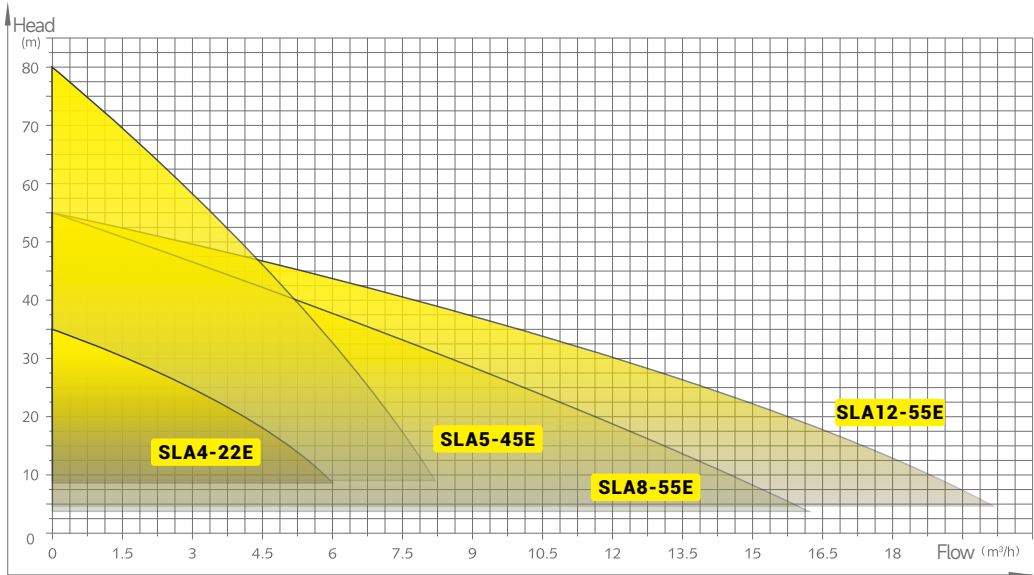
Ultimate low noise and smooth operation

SLA 4 -25 E

Permanent magnet variable frequency
Rated head
Rated flow
Constant pressure centrifugal pump



Performance curve



Model	Power range (W)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Max RP Speed (r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
SLA4-25E	100-800	35	25	6	4	4300	220±20%	50/60	1″/1″
SLA5-45E	100-1200	82	45	9	5	4300	220±20%	50/60	1¼″/1″
SLA8-55E	100-1500	55	35	17	8	4200	220±20%	50/60	1½″/1½″
SLA12-55E	400-2200	55	32	21	12	4500	220±20%	50/60	2″/2″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Product Overview

This pump is designed for household and commercial water supply – ideal for well water lifting, tap water boosting, solar water systems, and hot water pipes. No water tower or tank required.

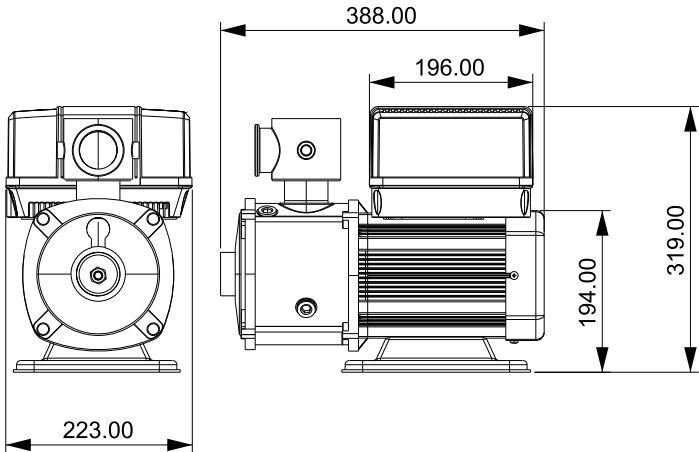
Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing control with multiple protections – auto on/off, anti-jamming, overload, blocking, anti-icing, fault display
- 3.Constant pressure control – stepless speed adjustment, stable supply even with multiple outlets
- 4.304 stainless steel construction – food-grade, safe for drinking water, suitable for hot and cold water
- 5.Ultra-quiet, compact design – easy installation, smooth operation, stylish appearance

Dimension drawing

SLA-E

Permanent magnet variable frequency constant pressure centrifugal pump



SLB-E Series

SKOYOD®

Permanent magnet variable frequency constant pressure centrifugal pump

- Rare earth permanent magnet motor, never burns out
- Intelligent protections such as water shortage and overload ensure safer use

- Intelligent frequency conversion, high-precision pressure sensor, and rapid response
- Ultimate low noise and smooth operation

SLB 4 -30 E

- Permanent magnet variable frequency
- Rated head
- Rated flow
- Constant pressure centrifugal pump



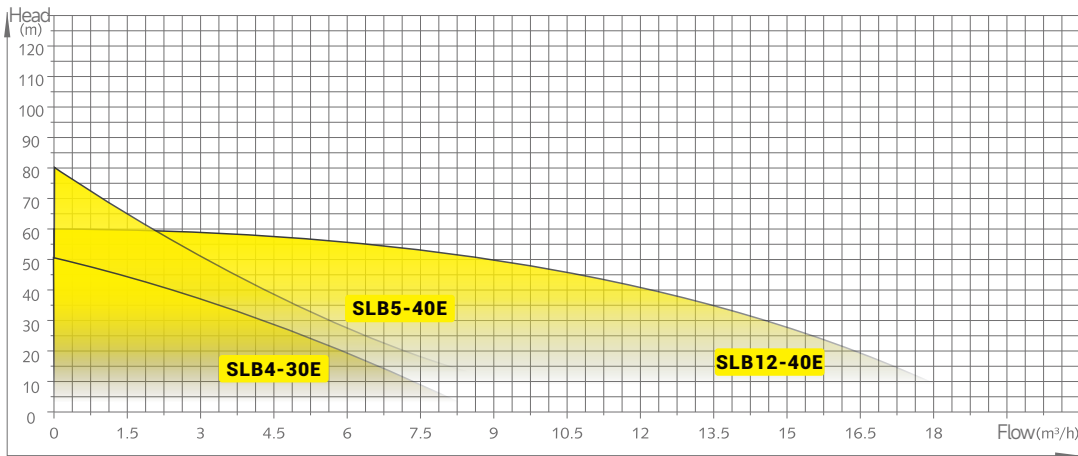
Product Overview

This pump is designed for household and commercial water supply – ideal for well water lifting, tap water boosting, solar water systems, and hot water pipes.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing controller – auto on/off, anti-jamming, overload, blocking, anti-icing, fault display
- 3.Constant pressure control – stepless speed adjustment, stable supply even with multiple outlets
- 4.304 stainless steel construction – food-grade, safe for drinking water, suitable for hot and cold water
- 5.Ultra-quiet, compact design – easy installation, smooth operation
- 6.Multiple intelligent protections – water shortage, overload, jamming, overheating, lightning, anti-freezing, anti-scaling

Performance curve



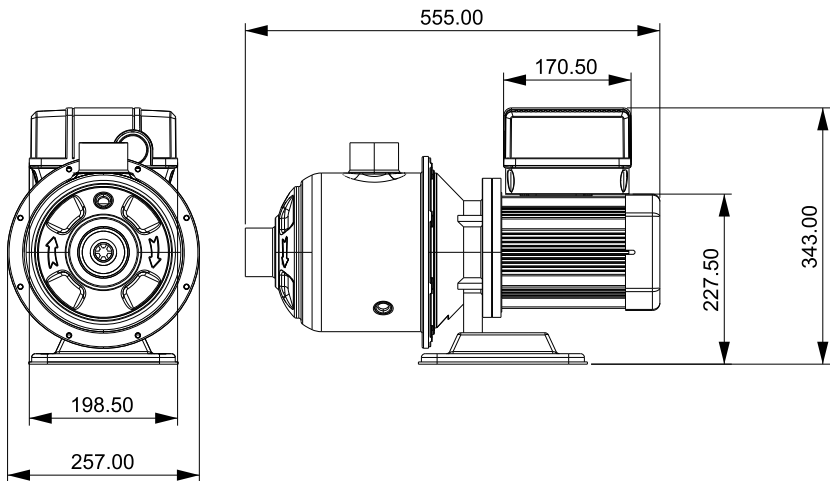
Model	Power range (W)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Max RP Speed(r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
SLB4-30E	100-1000	52	30	9	4	4300	220±20%	50/60	1¼″/1¼″
SLB5-40E	100-1200	82	40	9	5	5200	220±20%	50/60	1¼″/1¼″
SLB12-40E	400-2300	62	40	19	12	4700	220±20%	50/60	2″/2″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SLB-E

Permanent magnet variable frequency constant pressure centrifugal pump



SLC-E Series

SKOYOD®

Permanent magnet variable frequency constant pressure centrifugal pump

- 

Rare earth permanent magnet motor, never burns out
- 

It can be used for both heating and cooling, and can operate normally when the medium temperature reaches 90°C
- 

Intelligent protections such as water shortage and overload ensure safer use
- 

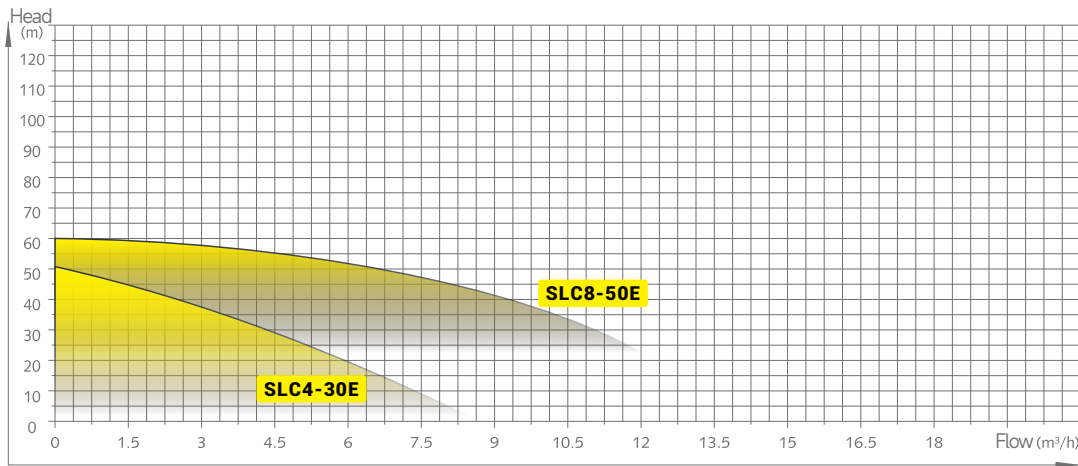
Ultimate low noise and smooth operation

SLC 4 -30 E

Permanent magnet variable frequency
Rated head
Rated flow
Constant pressure centrifugal pump



Performance curve



Model	Power range (W)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Max RP Speed(r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
SLC4-30E	100-1200	52	30	9	4	5200	220±20%	50/60	1¼″/1″
SLC8-50E	400-2300	62	50	13	8	4700	220±20%	50/60	1½″/1¼″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SLC-E

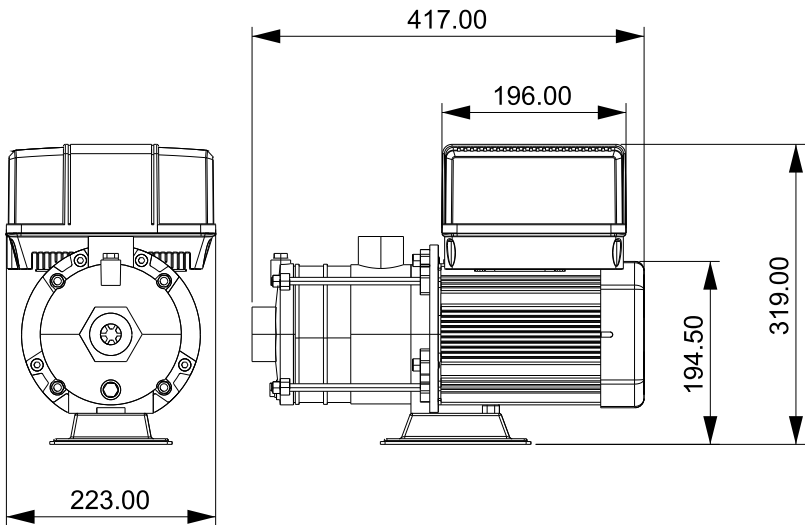
Permanent magnet variable frequency constant pressure centrifugal pump

Product Overview

This pump is designed for household and commercial water supply – ideal for well water lifting, tap water boosting, solar water systems, and hot water pipes.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing controller – auto on/off, anti-jamming, blocking protection, overload protection, anti-icing, fault display
- 3.Constant pressure control – stepless speed adjustment, stable supply even with multiple outlets
- 4.304 stainless steel construction – food-grade, safe for drinking water, suitable for hot and cold water
- 5.Optimized flow channel design – enhanced efficiency, quiet operation, easy installation and maintenance
- 6.Multiple intelligent protections – water shortage, overload, jamming, overheating, lightning, anti-freezing, anti-scaling

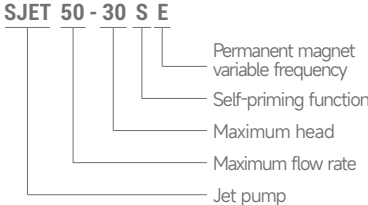


SJET-SE Series

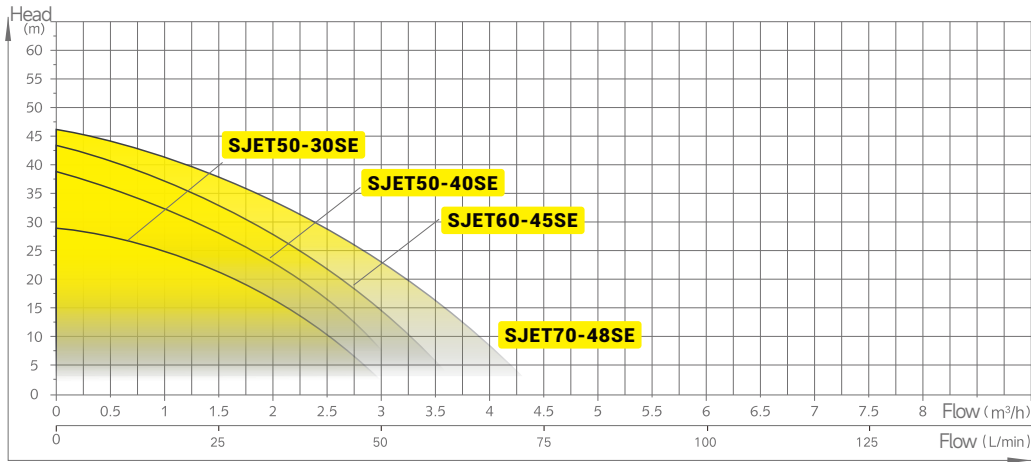
SKOYOD®

Permanent magnet variable frequency self-priming constant pressure electric pump

-  Rare earth permanent magnet motor, never burns out
-  Self-priming function, powerful and large suction lift
-  Constant pressure speed regulation, adaptive dynamic adjustment stepless speed change
-  Ultimate low noise and smooth operation



Performance curve



Model	Max Power (W)	Max Head (m)	Max Flow (m³/h / L/min)	Suction head (m)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
SJET50-30SE	400	30	3/50	9	220±20%	50/60	1″/1″
SJET50-40SE	580	40	3/50	9	220±20%	50/60	1″/1″
SJET60-45SE	800	45	3.6/60	9	220±20%	50/60	1″/1″
SJET70-48SE	1200	48	4.2/70	9	220±20%	50/60	1″/1″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Product Overview

This pump is designed for clean water transfer – ideal for pipe pressurization, water lifting, garden irrigation, and raw water supply.

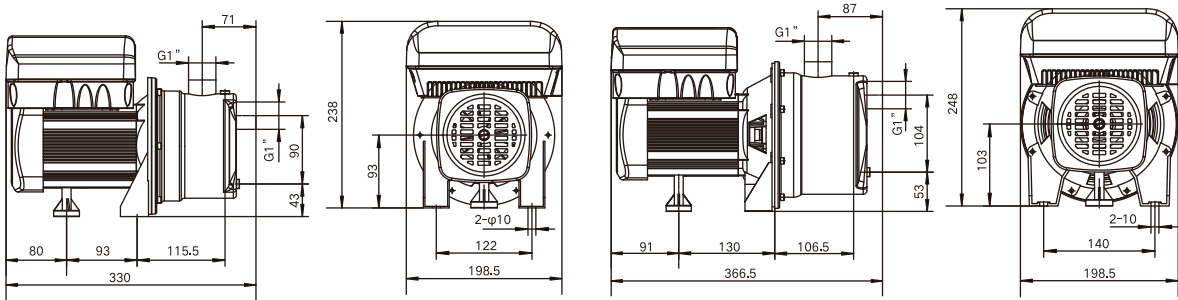
Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing controller – auto on/off, anti-jamming, blocking protection, overload protection, anti-icing, fault display
- 3.Self-priming function – strong suction lift, handles long-distance and high-lift applications
- 4.Leak-proof design – high-quality wear-resistant mechanical seals for stable operation
- 5.304 stainless steel + PPO plastic core components – anti-corrosion, suitable for hot and cold water
- 6.Ultra-quiet, compact design – easy installation, smooth operation, ergonomic and elegant
- 7.Multiple intelligent protections – water shortage, overload, jamming, overheating, lightning, anti-freezing, anti-scaling

Dimension drawing

SJET-SE

Permanent magnet variable frequency self-priming constant pressure electric pump



SJEW-E Series

SKOYOD®

Permanent magnet variable frequency stainless steel horizontal single-stage centrifugal pump

- 

Rare earth permanent magnet motor, never burns out
- 

Permanent magnet variable frequency IE5(Class 1 energy efficiency) saves more than 30% of electricity
- 

The centrifugal impeller is guaranteed not to get stuck and is easy to maintain
- 

Ultra-low noise
- SJEW 50 - 0.45 E**

 - Permanent magnet variable frequency
 - Maximum power
 - Rated flow
 - Stainless steel horizontal single-stage centrifugal pump



Product Overview

This pump is designed for heating and hot water circulation systems – ideal for air source heat pumps, floor heating, boiler systems, and radiator circulation.

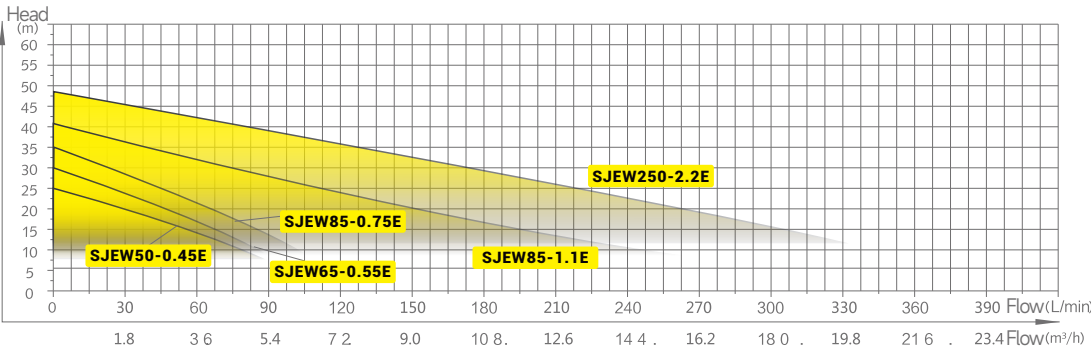
Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing controller – auto on/off, anti-jamming, blocking protection, overload protection, anti-icing, fault display
- 3.High-temperature resistance – up to 105°C, 304 stainless steel construction suitable for hot and cold water
- 4.Optimized flow channel design – efficient transportation, stable flow, ultra-quiet operation
- 5.485 interface – multiple pumps can be connected online, selectable circulation/pressurization modes
- 6.Compact, space-saving design – easy installation, smooth operation, ergonomic and elegant
- 7.Multiple intelligent protections – water shortage, overload, jamming, overheating, lightning, anti-freezing, anti-scaling

Application conditions

Medium temperature	0°C~105°C
Medium PH	5~8
Ambient air temperature	No more than40°C
Relative humidity	5%~95%no condensation, no dew formation
Working environment	There should be no conductive or explosive dust around the equipment, no gases or vapors that corrode metals or damage insulation. Electric pumps should not be installed in places close to electromagnetic radiation
Power supply voltage	The fluctuation range shall not exceed +15% of the rated value, and the frequency fluctuation shall not exceed 5%

Performance curve



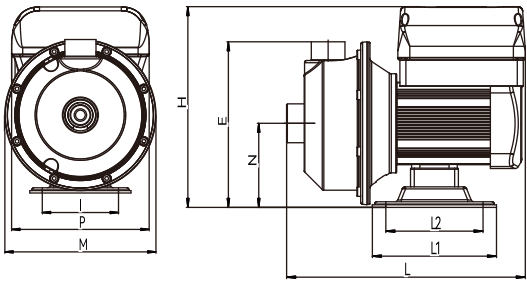
Model	Max Power (W)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Max RP Speed (r/min)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Diameter(″)
SJEW50-0.45E	450	26	16	90/5	50/3	3200	220±20%	50/60	1¼″/1″
SJEW65-0.55E	550	32	16	90/5	65/4	3500	220±20%	50/60	1¼″/1″
SJEW85-0.75E	750	37	16	105/6	85/5	3700	220±20%	50/60	1¼″/1″
SJEW160-1.1E	1100	45	18	270/16	160/10	4500	220±20%	50/60	1½″/1¼″
SJEW250-2.2E	2200	50	22	340/20	250/15	4400	220±20%	50/60	2″/1¼″

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SJEW-E

Permanent magnet variable frequency self-priming constant pressure electric pump



Model	L	H	N	E	L1	L2	I	P	M	Weight(Kg)
SJEW50-0.45E	309	266	110	222	166	130	110	198.5	218	10
SJEW65-0.55E	309	266	110	222	166	130	110	198.5	218	10
SJEW85-0.75E	309	266	110	222	166	130	110	198.5	218	10
SJEW160-1.1E	320	269	112.5	222	166	130	110	198.5	218	12
SJEW250-2.2E	359	320	117	231	226	176	150	224	218	19

SPA-EF Series

SKOYOD®

Permanent magnet variable frequency constant pressure shielded circulating booster pump

- 

Rare earth permanent magnet motor, never burns out
- 

Permanent magnet variable frequency IE5(Class 1 energy efficiency) saves more than 30% of electricity
- 

The centrifugal impeller is guaranteed not to get stuck and is easy to maintain
- 

Ultra-low noise
- SPA 25 - 20 E

 - Permanent magnet variable frequency
 - Maximum head
 - Caliber
 - Shielded circulating booster pump



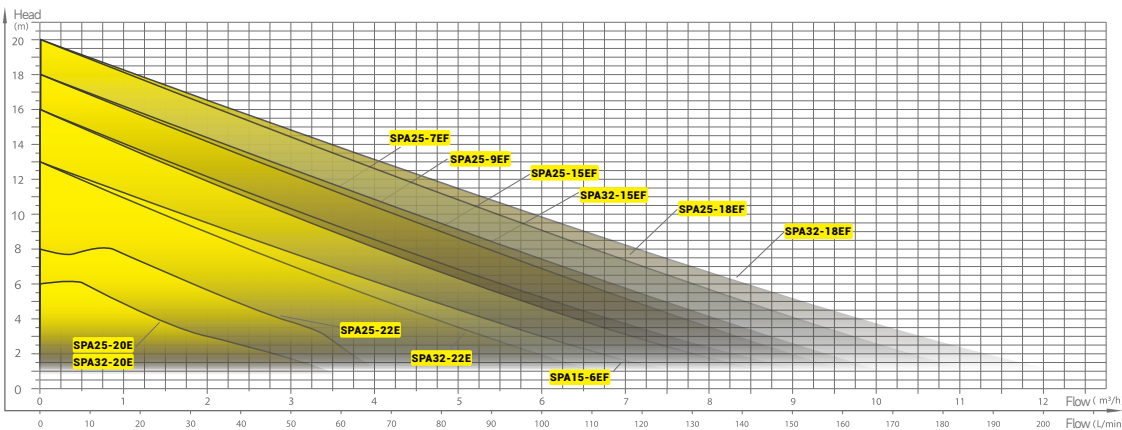
Product Overview

This pump is designed for cold and hot water pressurization circulation – ideal for gas showers, solar water heaters, boilers, washing machines, and industrial equipment.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out (coil withstands up to 80°C)
- 2.Intelligent auto-sensing controller – auto on/off, anti-jamming, blocking protection, overload protection, anti-icing, fault display
- 3.Leak-proof design – stainless steel shielding sleeve completely separates water from windings, no mechanical seals needed
- 4.304 stainless steel construction – suitable for hot and cold water, corrosion-resistant
- 5.Multi-mode adaptive control – automatic adjustment for wider application scenarios
- 6.Ultra-quiet, compact design – integrated, space-saving, easy installation, smooth operation
- 7.Multiple intelligent protections – water shortage, overload, jamming, overheating, lightning, anti-freezing, anti-scaling

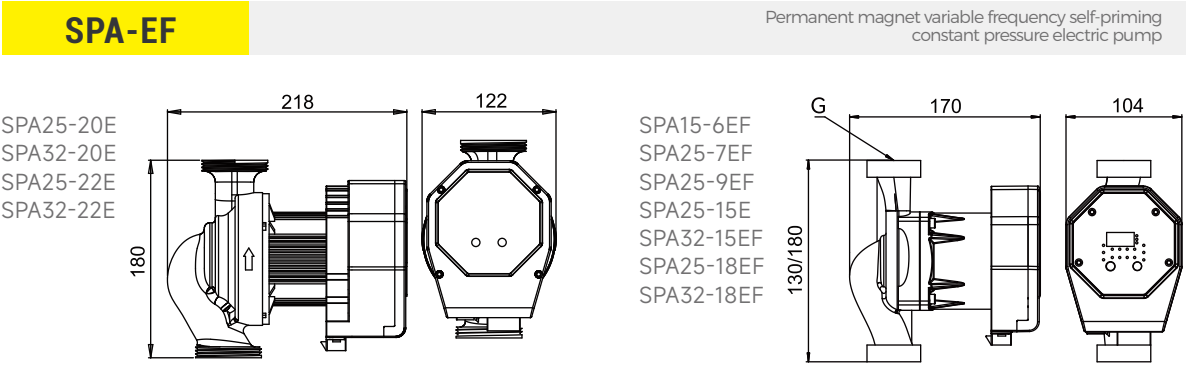
Performance curve



Model	Max Power (W)	Max Head (m)	Max Flow (m³/h)	Voltage (V)	Frequency (Hz)	Inlet/Outlet Thread: G"	Suggest matching host
SPA25-20E	280	20	10	220±20%	50/60	1½"	Within 10 horse
SPA32-20E	280	20	10.5	220±20%	50/60	2"	Within 10 horse
SPA25-22E	360	22	11.5	220±20%	50/60	1½"	Within 15 horse
SPA32-22E	360	22	12.5	220±20%	50/60	2"	Within 15 horse
SPA15-6EF	45	6	3.5	220±20%	50/60	1"	Within 2 horse
SPA25-7EF	45	7	3.5	220±20%	50/60	1½"	Within 2 horse
SPA25-9EF	75	9	4.5	220±20%	50/60	1½"	Within 2 horse
SPA25-15EF	120	15	6.5	220±20%	50/60	1½"	Within 6 horse
SPA32-15EF	120	15	7.5	220±20%	50/60	2"	Within 6 horse
SPA25-18EF	180	18	8.5	220±20%	50/60	1½"	Within 8 horse
SPA32-18EF	180	18	9	220±20%	50/60	2"	Within 8 horse

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing



DENNIS-Q Series

SKOYOD®

Dennis permanent magnet variable frequency sewage pump

- The IE5 high-performance permanent magnet motor features ultra-high performance

The IP68 protection rating ensures safe and reliable use

U58HRC 440 stainless steel grinding and cutting blade

One-click setting, fault alarm displayed on a large screen
- Dennis - 800 - Q**

Q: Grinding version

Power

Dennis series



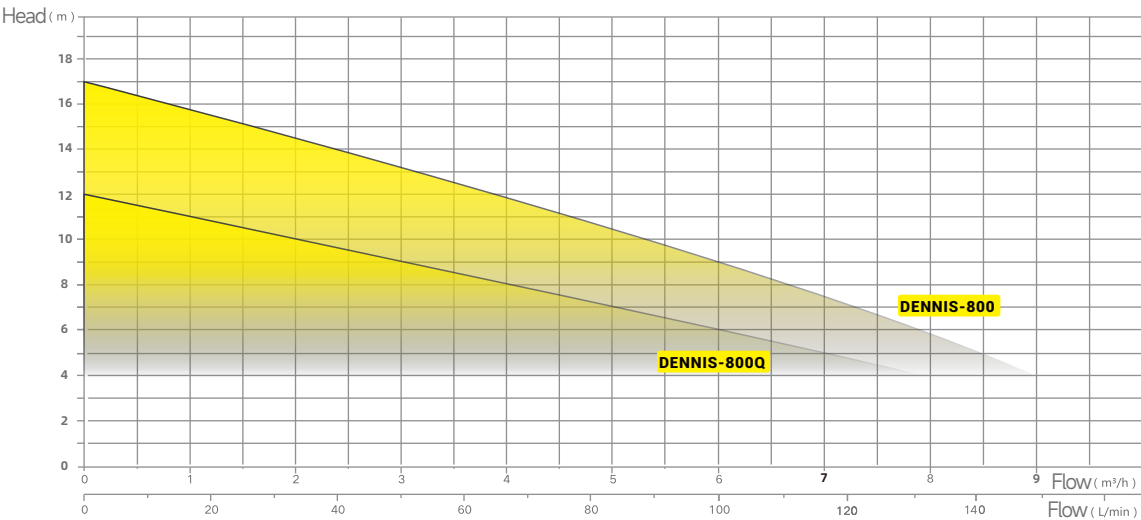
Product Overview

This pump is designed for wastewater lifting and disposal – ideal for adding bathrooms, laundry rooms, or other drainage points without major renovation. Simply connect sanitary wastewater to the pump box, and it automatically discharges to the main sewage pipe.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, ultra-high performance, up to 12m head and 8m³/h flow, never burns out
- 2.Dual-control level switch – air pressure + float ball for reliable automatic operation
- 3.Dual-channel anti-clogging design with 440F stainless steel cutter head – cutting frequency up to 51,253 times/ min, wear resistance up to 100,000 hours, powerful grinding prevents debris entanglement
- 4.Patented forward/reverse rotation technology – automatically clears blockages for uninterrupted operation, enables secondary cutting
- 5.Easy maintenance – coupling connection, no need to disassemble pipelines
- 6.Odor elimination – exhaust valve with replaceable activated carbon filter
- 7.IP68 protection – fully waterproof, safe and reliable
- 8.Easy installation – comes with free flexible adapters for inlet/outlet pipes
- 9.Multiple intelligent protections – blocking, overload, low-water, anti-icing, auto-sensing on/off, anti-jamming, fault display

Performance curve



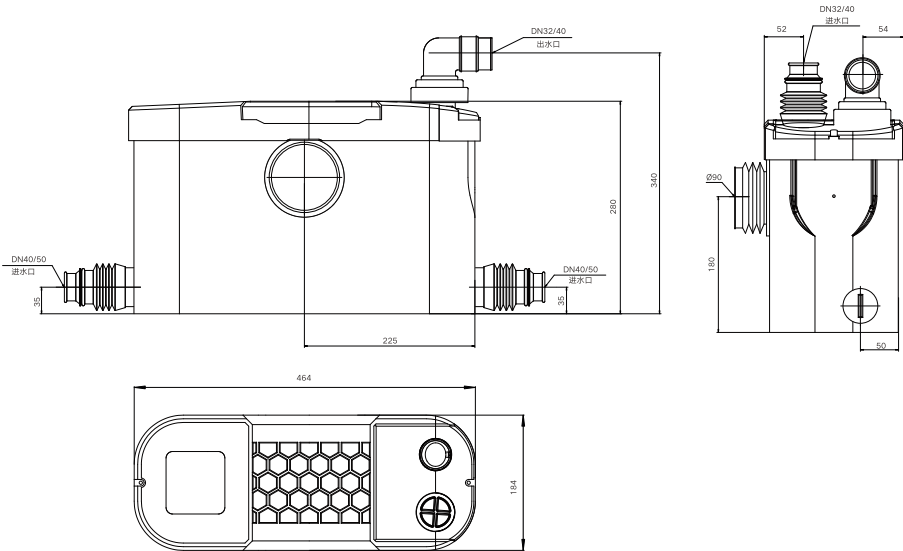
Model	Max Power (KW)	Max Head (m)	Max Flow (m³/h)	Voltage (V)	Frequency (Hz)	Outlet Diameter (mm)
Dennis-800	0.75	17	9	220±15%	50/60	DN32/DN40
Dennis-800Q	0.75	12	8	220±15%	50/60	DN32/DN40

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

DENNIS-800Q

Dennis permanent magnet variable frequency sewage lift station



DENNIS-BL Series

SKOYOD®

Dennis permanent magnet variable frequency sewage lift station

- 

Permanent magnet variable frequency technology saves more than 30% of electricity comprehensively
- 

High-density polyethylene (PE) material, with excellent sealing performance
- 

U58HRC 440 stainless steel grinding and cutting blade
- 

The forward and reverse rotation function mode of the blade prevents pipeline blockage
- Dennis - (B) 30L - 1.5 (D) - Q

 - Q: Grinding version
 - D: Dual pumps
 - Single pumps are not marked
 - Power
 - Box volume
 - B: Sewage lift station
 - Dennis series



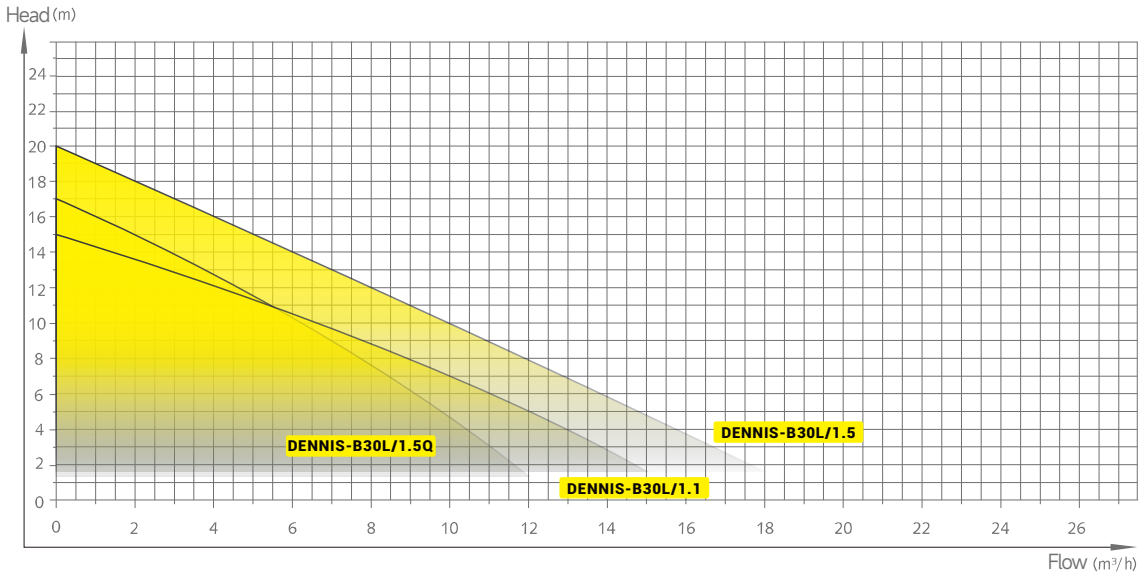
Product Overview

This pump is designed for centralized sewage lifting and disposal in villas and townhouses (bathrooms, laundry rooms), suitable for fluids with pH value 4-10 and free from metal objects, stones, or large fabrics.

Advantages:

1. Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out
2. Dual-control level switch – air pressure + float ball for reliable operation
3. 440F stainless steel alloy cutter head – cutting frequency up to 51,253 times/min, wear resistance up to 100,000 hours, powerful cutting prevents debris entanglement
4. Patented forward/reverse rotation technology – automatically clears blockages for uninterrupted operation, enables secondary cutting
5. Intelligent auto-sensing controller – auto on/off, anti-jamming, overload, low-water, anti-icing protection, fault display
6. Integrated PE tank – durable, leak-proof, easy to install

Performance curve



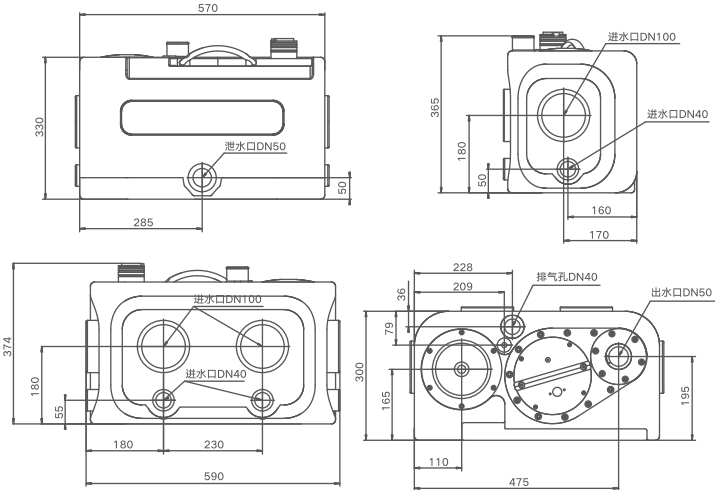
Model	Max Power (KW)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Voltage (V)	Frequency (Hz)	Outlet Diameter (mm)
Dennis-B30L/1.1	1.1	15	7	16	10	220±15%	50/60	50
Dennis-B30L/1.5	1.5	20	10	18	10	220±15%	50/60	50
Dennis-B30L/1.5Q (Grinding version)	1.5	17	9	12	7	220±15%	50/60	50

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

DENNIS-B30L

Dennis permanent magnet variable frequency sewage lift station



DENNIS-BL Series

SKOYOD®

Dennis permanent magnet variable frequency sewage lift station

- 

Permanent magnet variable frequency technology saves more than 30% of electricity comprehensively
- 

High-density polyethylene (PE) material, with excellent sealing performance
- 

U58HRC 440 stainless steel grinding and cutting blade
- 

The forward and reverse rotation function mode of the blade prevents pipeline blockage
- Dennis - (B) 60L - 1.5 (D) - Q**

 - Q: Grinding version
 - D: Dual pumps
Single pumps are not marked
 - Power
 - Box volume
 - B: Sewage lift station
 - Dennis series



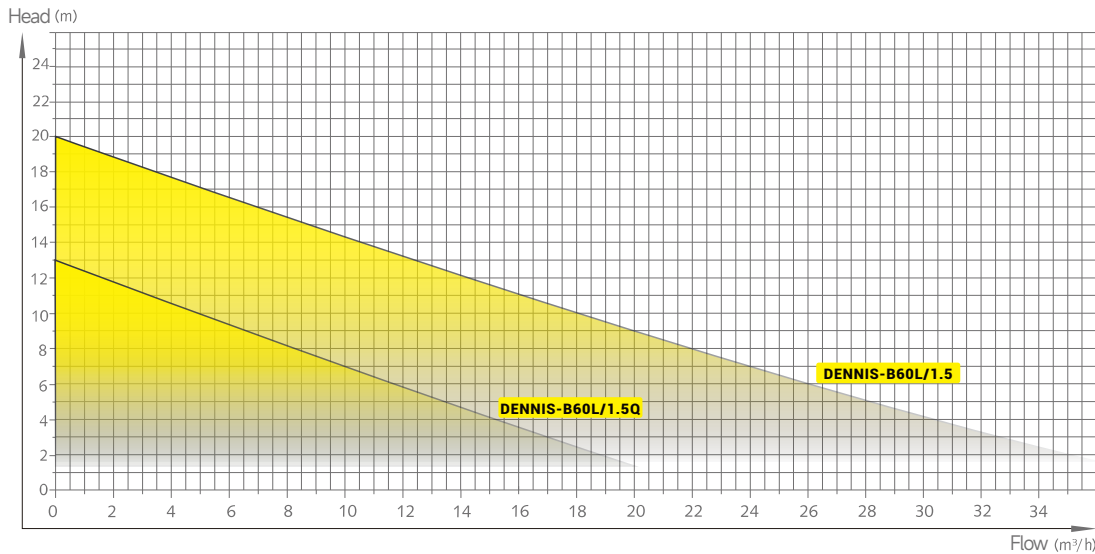
Product Overview

This pump is designed for centralized sewage lifting and disposal in villas and townhouses (bathrooms, laundry rooms), suitable for fluids with pH value 4-10 and free from metal objects, stones, or large fabrics.

Advantages:

- 1.Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out
- 2.Dual-control level switch – air pressure + float ball for reliable operation
- 3.440F stainless steel alloy cutter head – cutting frequency up to 51,253 times/min, wear resistance up to 100,000 hours, powerful cutting prevents clogging
- 4.Patented forward/reverse rotation – automatically clears blockages for uninterrupted operation, enables secondary cutting
- 5.Intelligent auto-sensing controller – auto on/off, anti-jamming, overload, blocking, low-water, anti-icing protection, fault display
- 6.Integrated PE tank – durable, leak-proof, easy to install

Performance curve



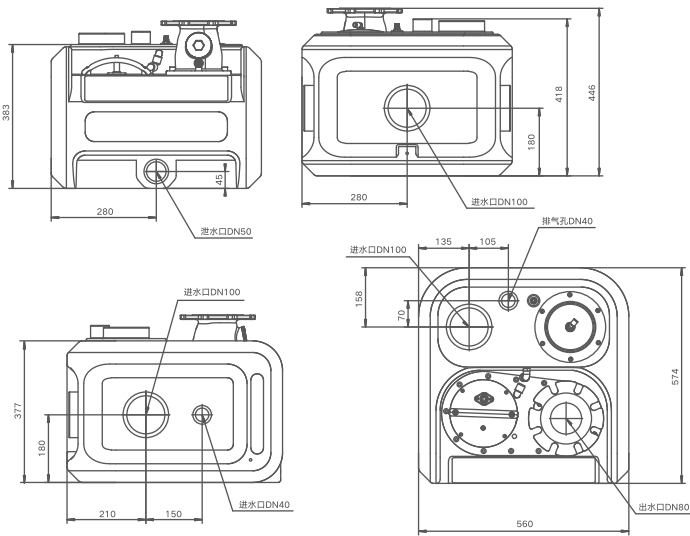
Model	Max Power (KW)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Voltage (V)	Frequency (Hz)	Outlet Diameter (mm)
Dennis-B60L/1.5	1.5	20	8	36	22	220±15%	50/60	80
Dennis-B60L/1.5Q (Grinding version)	1.5	13	8	20	10	220±15%	50/60	80

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

DENNIS-B60L

Dennis permanent magnet variable frequency sewage lift station



DENNIS-BL Series

SKOYOD®

Dennis permanent magnet variable frequency sewage lift station

- Permanent magnet variable frequency technology saves more than 30% of electricity comprehensively

Dual-level liquid level switch, Multiple control options: air pressure and float ball
- High-density polyethylene (PE) material, with excellent sealing performance

The forward and reverse rotation function mode of the blade prevents pipeline blockage
- Dennis - (B) 70L - 1.5 (D)

D: Dual pumps
Single pumps are not marked

Power

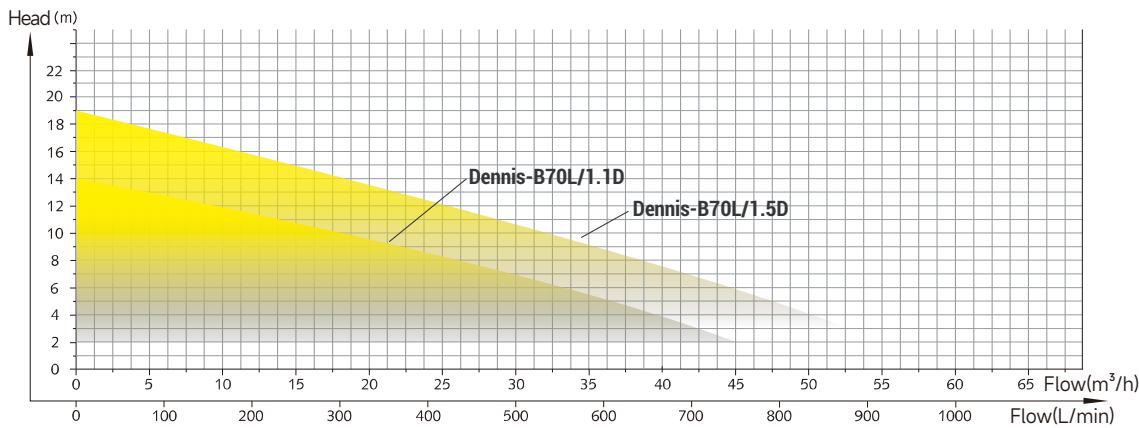
Box volume

B: Sewage lift station

Dennis series



Performance curve



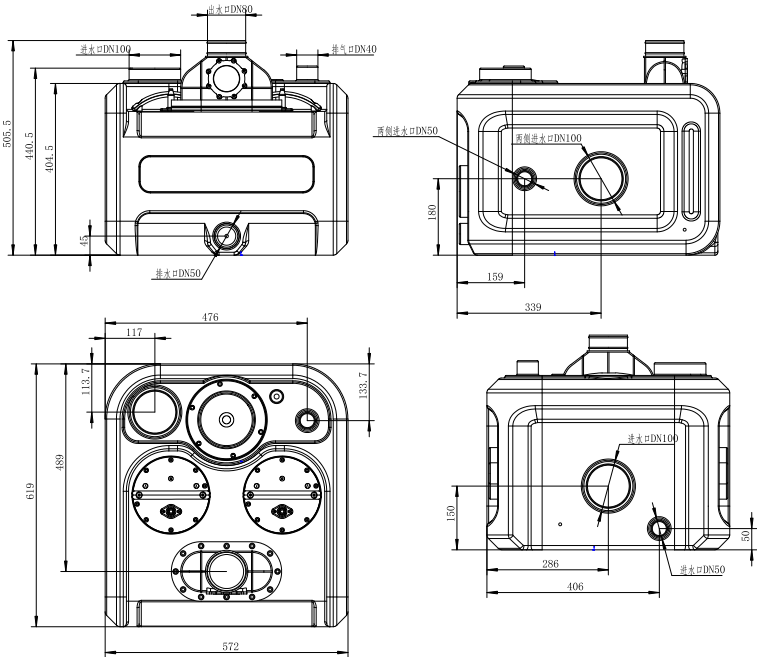
Model	Max Power (KW)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Voltage (V)	Frequency (Hz)	Outlet Diameter (mm)
Dennis-B70L/1.1D	1.1	14	7	45	30	220±15%	50/60	80
Dennis-B70L/1.5D	1.5	19	9	52	35	220±15%	50/60	80

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

DENNIS-B70L

Dennis permanent magnet variable frequency sewage lift station



Product Overview

This pump is designed for centralized sewage lifting and disposal in villas and townhouses (bathrooms, laundry rooms), suitable for fluids with pH value 4-10 and free from metal objects, stones, or large fabrics.

Advantages:

1. Rare earth IE5 permanent magnet motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out
2. Dual-control level switch – air pressure + float ball for reliable operation
3. 440F stainless steel alloy cutter head (U58HRC 440) – cutting frequency up to 51,253 times/min, wear resistance up to 100,000 hours, powerful cutting prevents debris entanglement
4. Patented forward/reverse rotation – automatically clears blockages for uninterrupted operation, enables secondary cutting
5. Intelligent auto-sensing controller – auto on/off, anti-jamming, overload, blocking, low-water, anti-icing protection, fault display
6. Integrated PE tank – durable, leak-proof, easy to install

DENNIS-BL Series

SKOYOD®

Dennis permanent magnet variable frequency sewage lift station

- 

Permanent magnet variable frequency technology saves more than 30% of electricity comprehensively
- 

U58HRC 440 stainless steel grinding and cutting blade
- 

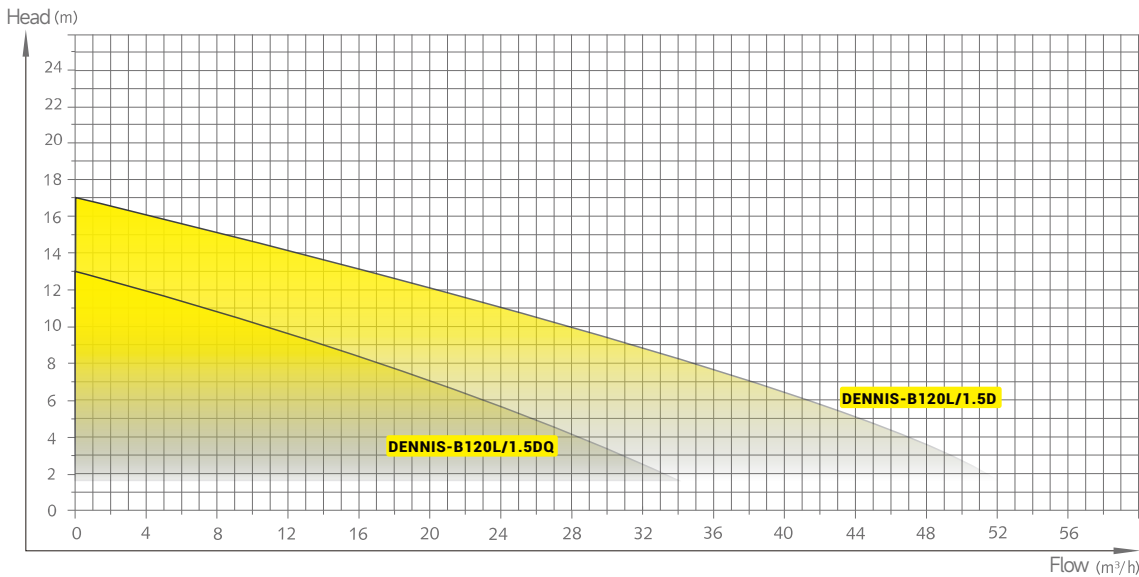
High-density polyethylene (PE) material, with excellent sealing performance
- 

The forward and reverse rotation function mode of the blade prevents pipeline blockage
- Dennis - (B) 120L - 1.5 (D) - Q**

 - Q: Grinding version
 - D: Dual pumps
 - Single pumps are not marked
 - Power
 - Box volume
 - B: Sewage lift station
 - Dennis series



Performance curve



Model	Max Power (KW)	Max Head (m)	Rated head (m)	Max Flow (m³/h)	Rated flow (m³/h)	Voltage (V)	Frequency (Hz)	Outlet Diameter (mm)
Dennis-B120L/1.5D	1.5	17	8	52	35	220±15%	50/60	80
Dennis-B120L/1.5DQ (Grinding version)	1.5	13	7	34	20	220±15%	50/60	80

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Product Overview

This pump is designed for centralized sewage lifting and disposal in villas and townhouses (bathrooms, laundry rooms), suitable for fluids with pH value 4-10 and free from metal objects, stones, or large fabrics.

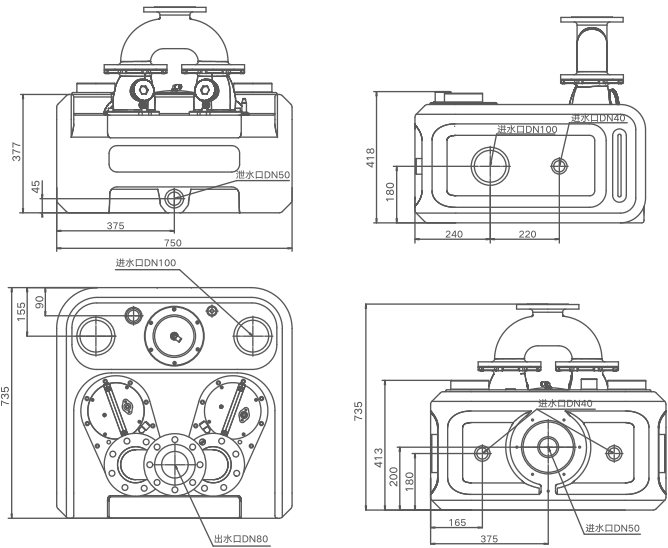
Advantages:

- 1.Rare earth IE5 permanent magnet variable frequency motor – more than 30% energy saving compared to asynchronous motors, longer lifespan, never burns out
- 2.Dual-control level switch – air pressure + float ball for reliable operation
- 3.440F stainless steel alloy cutter head (U58HRC 440) – cutting frequency up to 51,253 times/min, wear resistance up to 100,000 hours, powerful cutting prevents debris entanglement
- 4.Patented forward/reverse rotation – automatically clears blockages for uninterrupted operation, enables secondary cutting
- 5.Intelligent auto-sensing controller – auto on/off, anti-jamming, overload, blocking, low-water, anti-icing protection, fault display
- 6.Integrated PE tank – durable, leak-proof, easy to install

Dimension drawing

DENNIS-B120L

Dennis permanent magnet variable frequency sewage lift station



SGX-E Series

SKOYOD®

Permanent magnet variable frequency pipeline circulation pump



Performance curve

Model	Power (KW)	Q (m³/h)	2	4	6	8	10	12	14	16
SGX32-20E	1.1	H (m)	20	19.5	19	18	17	15		
SGX32-26E	1.5		25.5	25	24	23.5	22.5	21	20	18
SGX32-29E	2.2		29	28.5	28	27.5	27	26	25	23
SGX32-36E	3		36	35.5	35.1	34.5	34	33	32	31
SGX32-41E	4		41.4	42	41.5	41	40.5	40	39	37
SGX32-51E	5.5		51	52	51.5	51	50.5	50	49	47

Model	Power (KW)	Q (m³/h)	4	8	12.5	16	20	25	28	32
SGX40-19E	1.1	H (m)	19	18	16	11				
SGX40-24E	1.5		24	23	21	17				
SGX40-23E	2.2		23	22.5	22	21	20	17		
SGX40-29E	3		29	28.5	28	27	26	22		
SGX40-35E	4		35	34.5	34	33.5	32	30	28	24.5
SGX40-41E	5.5		41	41	40.5	40	38.5	36	34	30.5
SGX40-52E	7.5		52	51.5	51	50.5	50	48	45	40

Model	Power (KW)	Q (m³/h)	5	10	15	20	25	30	35	40	45	50	60
SGX50-13E	1.1	H (m)	13	12.5	12	11							
SGX50-17E	1.5		16.5	16	15.5	15	13						
SGX50-21E	2.2		20.5	20	19.5	19	18	16					
SGX50-26E	3		26	25.5	25	24.5	24	23					
SGX50-31E	4		30.5	30	29.5	29	28.5	28	26				
SGX50-38E	5.5		37.5	37	36.5	36	35.5	35	34	32			
SGX50-42E	7.5		42.3	42.2	41.9	41.7	41.3	40.8	40	38.3	35		
SGX50-54E	11		53.5	53.4	53.1	52.9	52.5	51.9	51.1	50	48.4	45.8	
SGX50-66E	15		65.7	65.8	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	55.4
SGX50-74E	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
SGX50-86E	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

Model	Power (KW)	Q (m³/h)	10	20	30	40	50	60	70	80
SGX65-18E	2.2	H (m)	179	17	15	10.7				
SGX65-22E	3		21.7	20.8	19	15.2				
SGX65-25E	4		25.1	24.7	23.9	22	17.5			
SGX65-32E	5.5		32	31.5	31	30	27			
SGX65-38E	7.5		38.3	38	37.4	36.1	34	30.5		
SGX65-45E	11		45	44.5	44	43.5	41	36		
SGX65-54E	15		53.6	53.3	52.7	51.6	50	47.3		
SGX65-63E	18.5		63.1	63.2	63	62.3	61	58.8	54.8	
SGX65-68E	22		68	67.8	67.7	67.5	67	65.8	63.4	59.7

Model	Power (KW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
SGX80-18E	3	H (m)	17.8	17.4	16.7	15.5	13	9.1				
SGX80-22E	4		21.9	21.7	21	19.9	18	14	8.6			
SGX80-26E	5.5		26	25.9	25.5	24.5	23	20.3	16.3	11.3		
SGX80-32E	7.5		31.6	31.5	31.2	30.4	29	26.5	23.3	18.8		
SGX80-35E	11		34.8	34.5	34.2	33.8	33.2	32.4	31.3	30	27.8	24.7
SGX80-41E	15		41.2	41.2	41.1	40.9	40.6	40.1	39.3	38	36	32.9
SGX80-51E	18.5		50.6	50.4	50	49.8	49.6	49.1	48.6	47	44.8	41.4
SGX80-57E	22		57	57	56.8	56.6	56.3	56	55.3	54	52.2	49.2

Model	Power (KW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130
SGX100-14E	2.2	H (m)	13.9	13.2	12.2	10.8	9	6.8	4.4						
SGX100-19E	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11					
SGX100-22E	5.5		21.7	21.5	21.1	20.7	20	19.2	18.3	17	15.3	13	10.4		
SGX100-27E	7.5		26.8	26.6	26.3	25.9	25.3	24.5	23.4	22	20.3	18.2	15.8		
SGX100-32E	11		31.5	31.3	31.1	30.9	30.7	30.3	29.8	29.2	28.2	27	25.5	23.6	20.8
SGX100-37E	15		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9
SGX100-43E	18.5		43.3	43.2	43.1	42.9	42.7	42.4	42.1	41.6	40.9	40	38.9	37.4	35.3
SGX100-51E	22		51.2	51.1	51	50.8	50.6	50.3	49.9	49.4	48.8	48	46.9	45.3	43.2

Model	Power (KW)	Q (m³/h)	40	60	80	100	120	140	160
SGX125-13E	5.5	H (m)	12.9	12.7	12.4	11.8	11	9.9	8
SGX125-16E	7.5		16.2	15.9	15.5	14.9	14	12.8	11.2
SGX125-22E	11		21.5	21.3	21	20.6	19.9	19.1	18
SGX125-27E	15		26.7	26.5	26.2	25.7	24.9	23.7	22
SGX125-31E	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28
SGX125-35E	22		34.6	34.6	34.5	34.4	34	33.3	32

Model	Power (KW)	Q (m³/h)	50	80	110	140	170	200	220	240
SGX150-15E	11	H (m)	14.6	14.5	14.4	14.2	13.7	12.5	11.1	9.2
SGX150-19E	15		18.8	18.8	18.7	18.5	18	17	16.1	15
SGX150-23E	18.5		23.3	23.1	22.9	22.6	22	21	19.8	17.9
SGX150-28E	22		28	28	27.8	27.3	26.5	25	23.5	21.3

Professional condensate water management system

SK-E Series



SK-AE Series

SKOYOD®

Split-type drainage pump

- Permanent magnet motor, powerful and stable in operation
- Modular design for convenient maintenance
- Motor anti-vibration technology, ultra-quiet and vibration-free
- Compact and exquisite, with flexible installation

SK - 24 A E

- Permanent magnet motor
- Model A
- Maximum flow rate
- Split-type drainage pump

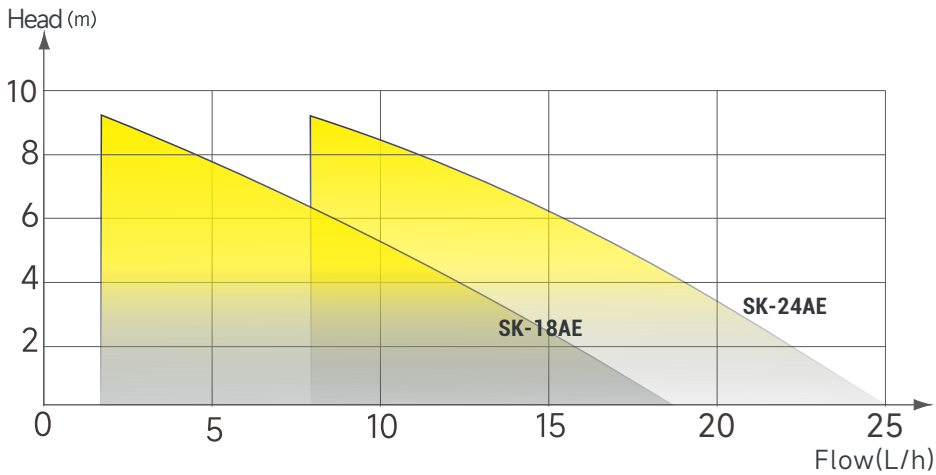


Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
- Energy-saving and silent motor
- Built-in water alarm for overflow protection.
- Built-in buzzer provides audible alarm.
- Integrated check valve prevents water backflow.
- Compatible with equipment up to 3 HP.
- Protection: IP-45.
- The safety switch is normally closed and rated for 3A.
- This unit must connect to the A/C liquid level control terminal.

This split-type condensate pump enables forced drainage in applications where gravity flow is not possible. Its slim, separate design allows flexible and space-saving installation. Equipped with a soft-start function, it operates quietly and increases pump lifespan. An integrated high-sensitivity safety Pin probe capacitive sensor provides precisely operating for reliable and stable performance.

Performance curve



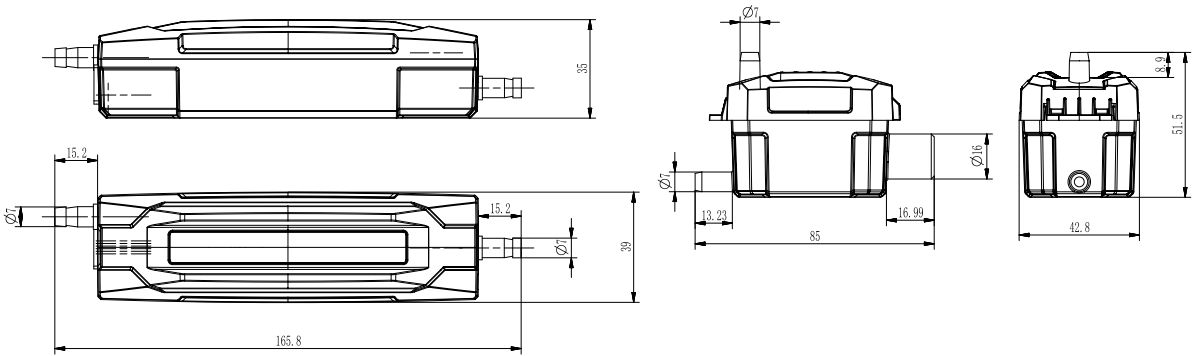
Model	Max Head (m)	Max Flow (L/h)	Max Suction head (m)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp	The max cooling capacity applicable to air conditioners
SK-18AE	8	18	2	110~240	50~60	18	0~60℃	7.5 KW(28000btu/hr)
SK-24AE	8	24	2	110~240	50~60	20	0~60℃	8 KW(30000btu/hr)

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-AE

Split-type drainage pump



SK-CE Series

SKOYOD®

Corner type drainage pump

Permanent magnet motor, powerful and stable in operation

Integrated design with exquisite structure

Shockproof design, silent operation

Anti-condensation design, safer to use

SK - 18 C E
Permanent magnet motor
Model C
Maximum flow rate
Corner type drainage pump

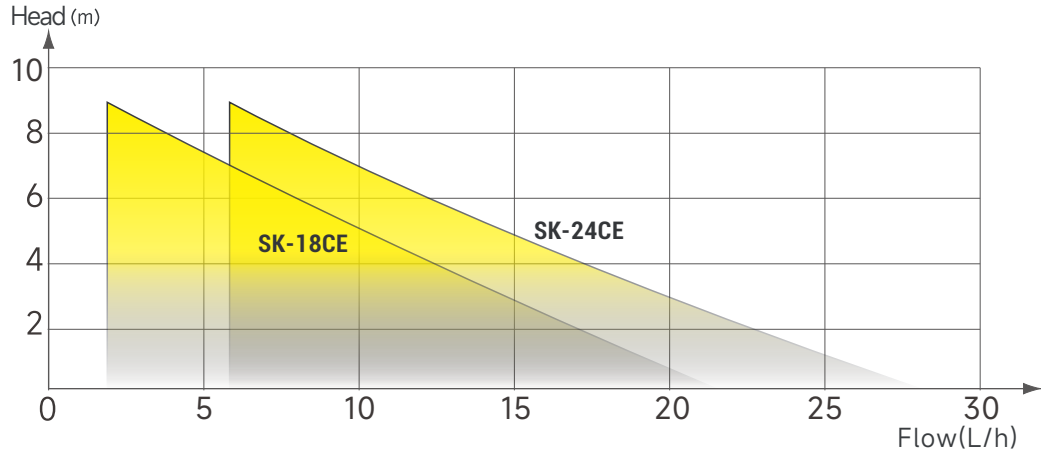


Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
- Built-in water alarm for overflow protection.
- Built-in buzzer provides audible alarm.
- Integrated check valve prevents water backflow.
- Compatible with equipment up to 3HP.
- Protection: IP-45.
- The safety switch is normally closed and rated for 3A.
- This unit must connect to the A/C liquid level control terminal.

This corner type drainage pump ensures effective water collection and discharge where gravity drainage is not possible. Its corner-mount design fits neatly into trunking elbows for a streamlined and simple installation. The unit also features a soft-start mode to reduce noise and extend service life, along with a highly sensitive safety Pin probe capacitive sensor for precisely operating and reliable operation.

Performance curve



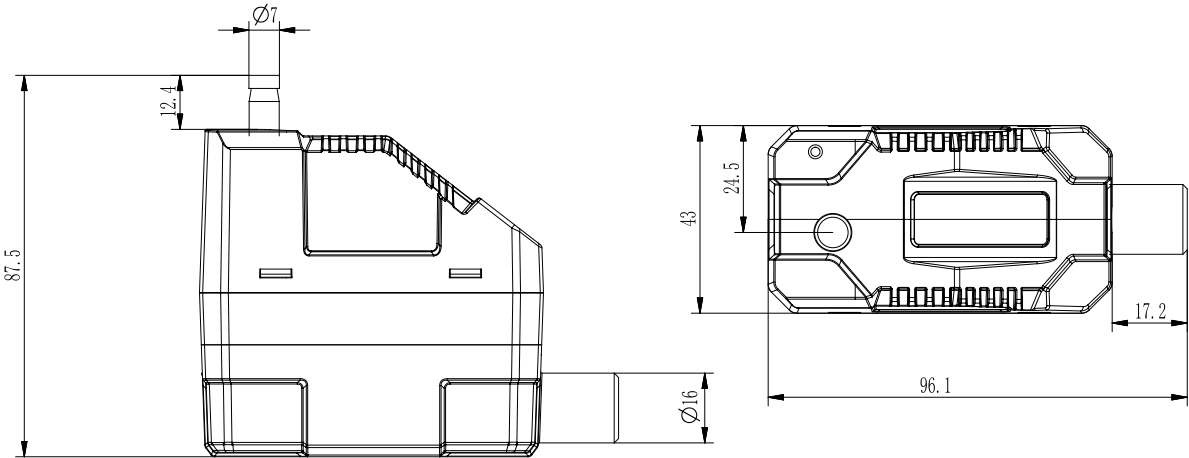
Model	Max Head (m)	Max Flow (L/h)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp	The max cooling capacity applicable to air conditioners
SK-18CE	8	18	110~240	50~60	18	0~60°C	8 KW(30000btu/hr)
SK-24CE	8	24	110~240	50~60	20	0~60°C	8 KW(30000btu/hr)

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-CE

Corner type drainage pump



SK-E Series

SKOYOD®

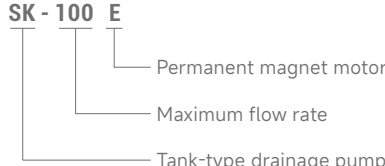
Tank-type drainage pump

- 

Permanent magnet motor, powerful and stable in operation
- 

Built-in level gauge for more precise installation
- 

The multi-sized water outlet design meets different working conditions
- 

Intelligent start and stop, with rapid response
- 

SK - 100 E

 - Permanent magnet motor
 - Maximum flow rate
 - Tank-type drainage pump

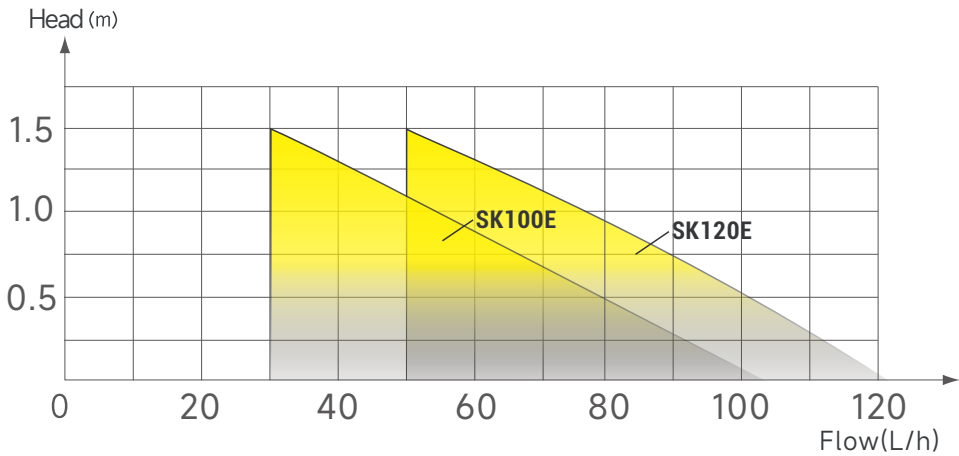


Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
- Energy-saving and silent motor.
- Built-in water alarm for overflow protection.
- Built-in buzzer provides audible alarm.
- Integrated check valve prevents water backflow.
- Compatible with equipment up to 10 HP.
- Protection: IP-45.
- The safety switch is normally closed and rated for 3A.
- This unit must connect to the A/C liquid level control terminal.

This tank-type drainage pump ensures reliable drainage even without gravity flow. Its tank-style design provides ample capacity and stable performance. For enhanced operation, the unit incorporates a soft-start mode for quiet running and extended service life, along with both a sensitive safety Pin probe capacitive and float level control sensor for dual-layer reliability.

Performance curve



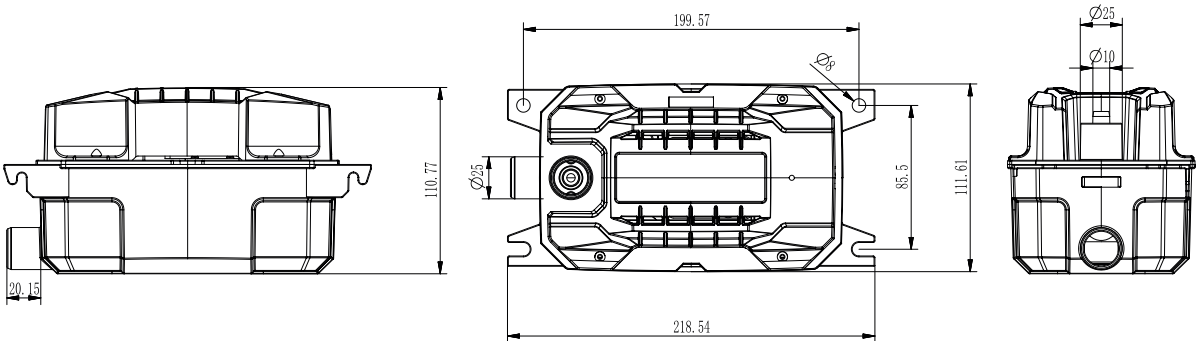
Model	Max Head (m)	Max Flow (L/h)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp
SK100E	1.2	100	110~240	50~60	22	0~60°C
SK120E	1.2	120	110~240	50~60	23	0~60°C

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-E

Tank-type drainage pump

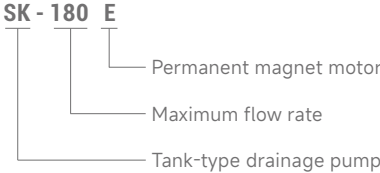


SK-E Series

SKOYOD®

Tank-type drainage pump

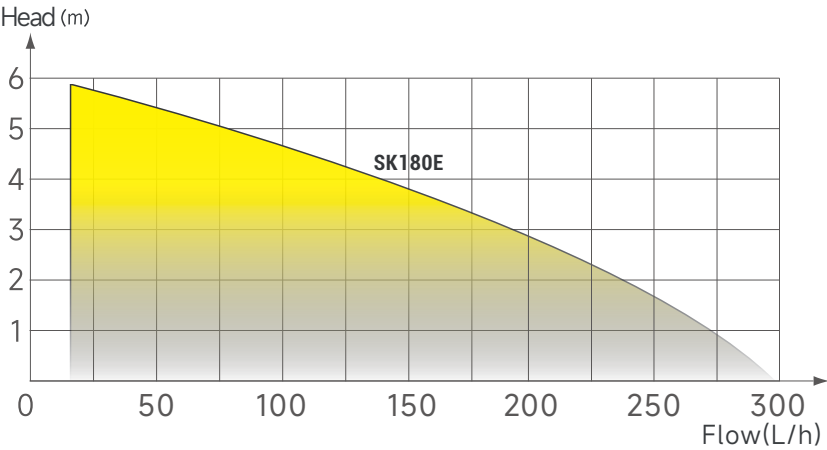
- Permanent magnet motor, powerful and stable in operation
- Built-in level gauge for more precise installation
- Wide channel design for efficient transportation
- Anti-backflow design to prevent backflow during condensation surgery



Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
 - Centrifugal high-power silent motor.
 - Built-in water alarm for overflow protection.
 - Built-in buzzer provides audible alarm
 - Integrated check valve prevents water backflow.
 - Compatible with equipment up to 15 HP.
 - Protection: IP-45.
 - The safety switch is normally closed and rated for 3A.
 - This unit must connect to the A/C liquid level control terminal.
- This tank-type drainage pump reliably collects and discharges water where gravity drainage is impossible. Its low-profile, tank-style design offers high capacity, stable operation, and a space-saving fit for confined areas. Further enhancing performance, the unit features a soft-start mode to reduce noise and extend pump life, along with a highly sensitive safety Pin probe capacitive sensor for precisely operating and reliable operation.

Performance curve



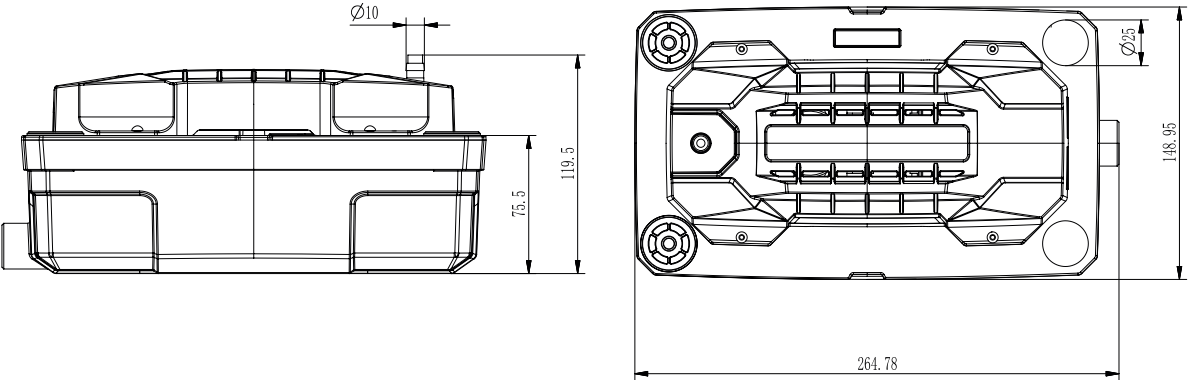
Model	Max Head (m)	Max Flow (L/h)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp
SK180E	5	280	110~240	50~60	23	0~60°C

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-E

Tank-type drainage pump

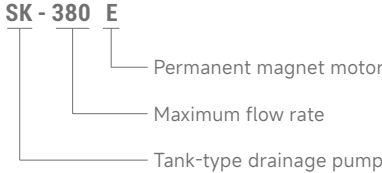


SK-E Series

SKOYOD®

Tank-type drainage pump

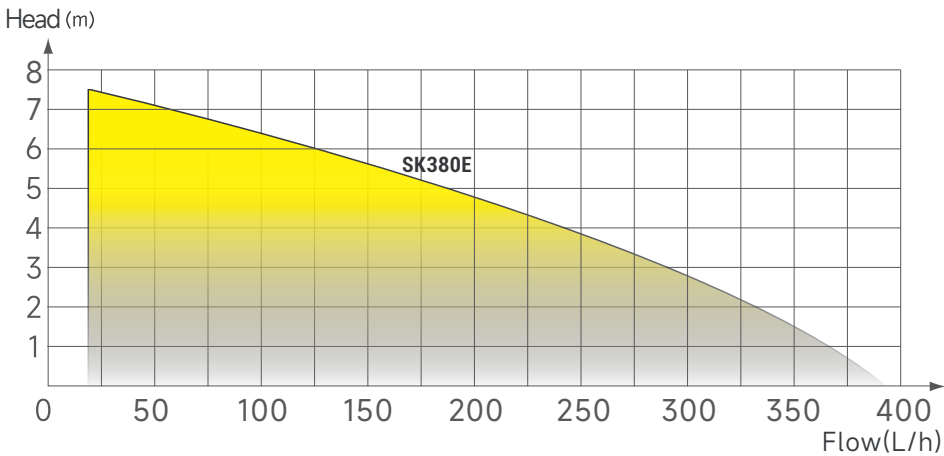
- Permanent magnet motor, powerful and stable in operation
- Built-in level gauge for more precise installation
- Wide channel design for efficient transportation
- Anti-backflow design to prevent backflow during condensation surgery



Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
 - High-lift, high-power silent motor.
 - Built-in water alarm for overflow protection.
 - Built-in buzzer provides audible alarm.
 - Integrated check valve prevents water backflow.
 - Compatible with equipment up to 20 HP.
 - Protection: IP-45.
 - The safety switch is normally closed and rated for 3A.
 - This unit must connect to the A/C liquid level control terminal.
- This tank-type drainage pump ensures reliable drainage even where gravity flow is not possible. Its low-profile, tank-style design combines large capacity and dependable operation while fitting neatly into confined spaces. For enhanced performance, the unit features a soft-start mode that reduces noise and extends service life, along with a highly sensitive safety Pin probe capacitive sensor for precisely operating and reliable operation.

Performance curve



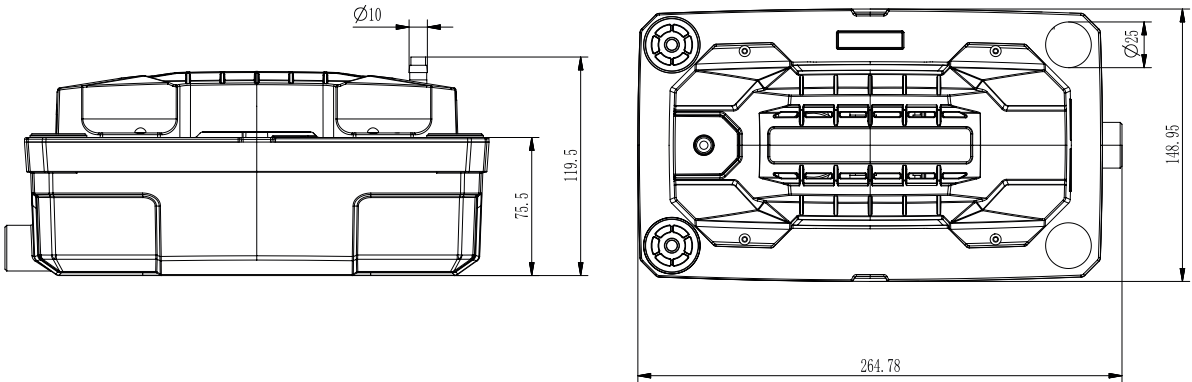
Model	Max Head (m)	Max Flow (L/h)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp
SK380E	7	380	110~240	50~60	23	0~60°C

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-E

Tank-type drainage pump



SK-E Series

SKOYOD®

Tank-type drainage pump

- Permanent magnet motor, powerful and stable in operation
- Built-in level gauge for more precise installation
- Wide channel design for efficient transportation
- Anti-backflow design to prevent backflow during condensation surgery

SK - 580 E

- Permanent magnet motor
- Maximum flow rate
- Tank-type drainage pump

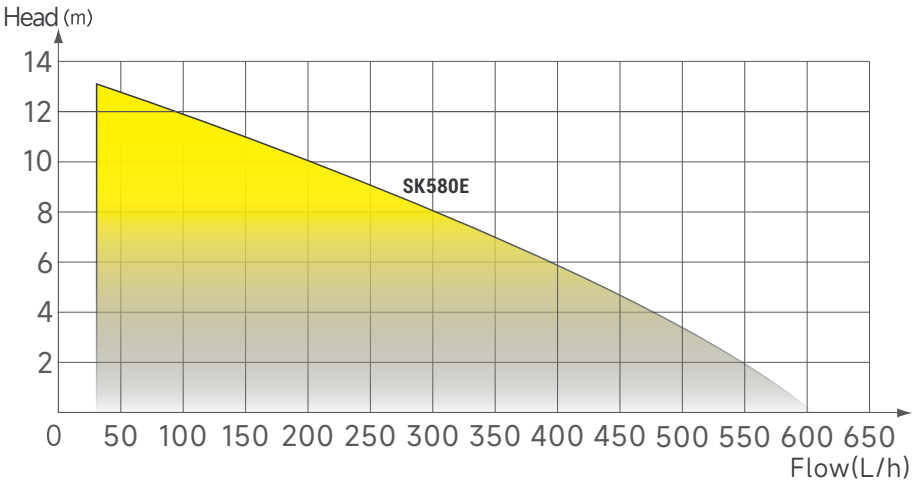


Product Overview

- ABS material with V-0 highest flame retardant grade, Safety and durability.
- Brushless DC silent motor.
- Built-in water alarm for overflow protection.
- Built-in buzzer provides audible alarm.
- Integrated check valve prevents water backflow.
- Compatible with equipment up to 20 HP.
- Protection: IP-45.
- The safety switch is normally closed and rated for 3A.
- This unit must connect to the A/C liquid level control terminal.

This tank-type drainage pump reliably handles drainage in applications where gravity flow is not feasible. Its tank-style design ensures high capacity and stable performance, delivering a powerful 12m head and 580L/h flow. For enhanced operation, the unit incorporates a soft-start mode for quieter running and extended service life, along with both a sensitive safety Pin probe capacitive and float level control sensor for dual-layer reliability.

Performance curve



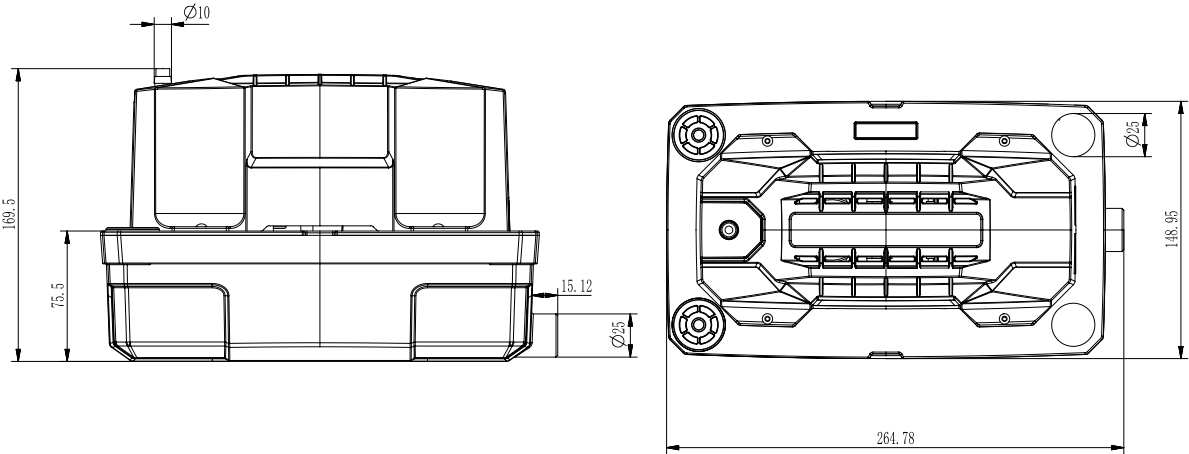
Model	Max Head (m)	Max Flow (L/h)	Voltage (V)	Frequency (Hz)	Noise (dB(A)@1m)	Ambient temp
SK580E	12	580	110~240	50~60	43	0~60°C

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-E

Tank-type drainage pump



SK-E Series

Wall-mounted drainage pump

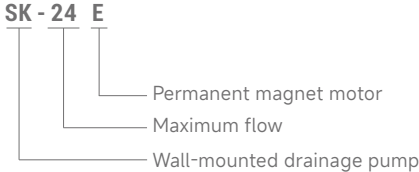
- 

High-performance water pump, with powerful power
- 

Built-in level gauge
Installation is more precise
- 

Dual-system structure, enhancing durability
- 

Built-in illuminated display, allowing clear observation of the operating status



Product Overview

This pump is designed for condensate drainage in refrigeration equipment (3-5 HP), ideal for wall-mounted air conditioners, villas, and small commercial applications.

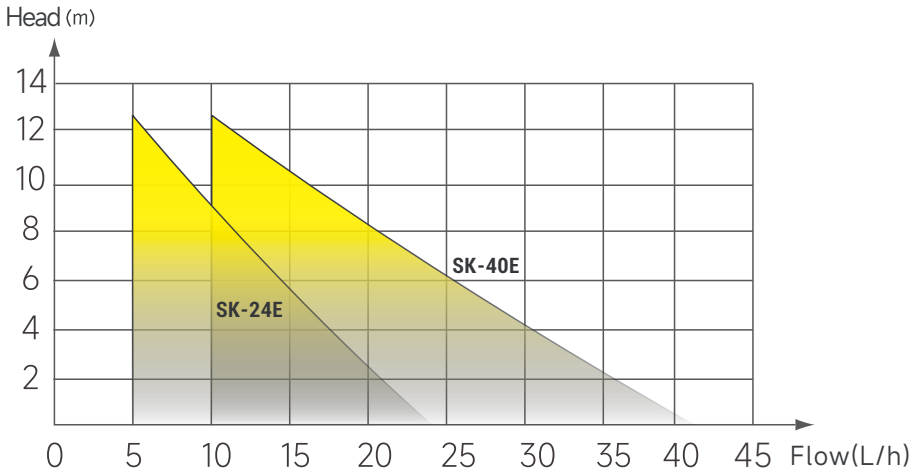
Advantages:

- 1.Brushless motor – silent operation, long lifespan
- 2.Dual water level control – reliable automatic operation
- 3.Built-in illuminated display – clear observation of operating status
- 4.Easy installation & maintenance – convenient to disassemble and clean
- 5.Wide application – suitable for 3-5 HP refrigeration equipment, wall-mounted ACs, etc.

仕科约德 SKOYOD Environmental Equipment co., LTD

SKOYOD®

Performance curve



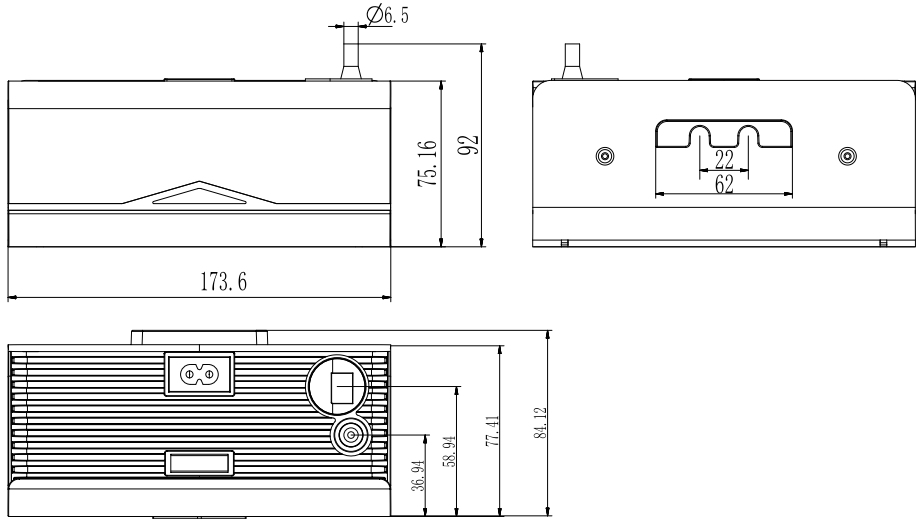
Model	Max Head (m)	Max Flow (L/h)	Max Suction head (m)	Noise (dB(A)@1m)	Voltage (V)	Frequency (Hz)
SK-24E	12	24	2	20	220	50
SK-40E	12	40	2	21	220	50

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

Dimension drawing

SK-E

Wall-mounted drainage pump



SZ-25 Series

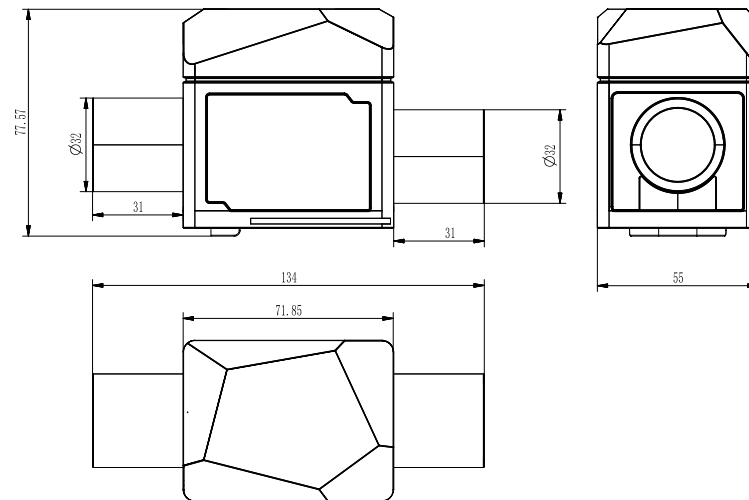
Professional condensate water management system



Product Overview

Product features:

- Temperature resistance: -30°C to 80°C;
- ABS material;
- Latch design, easy maintenance, easy cleaning;
- Anti-reflux, insect-proof, odor-proof;



Model	Inner diameter (mm)	Outer diameter (mm)	Withstanding negative pressure (Pa)
SZ-25	25	32	1200

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SQB-S Series

Vortex Self-priming Pump



Product Overview

Product features:

- The pressure switch utilizes double silver-alloy contacts for extended service life.
- The pressure tank is constructed from military-grade engineering plastic, ensuring excellent stability.
- The flow channel is treated with an electrophoretic coating process, providing strong corrosion resistance, environmental friendliness, and hygiene.
- The pump delivers a maximum suction lift of 8 meters, making it ideal for deep well water extraction.
- The motor is equipped with built-in thermal overload protection, eliminating the risk of burnout under abnormal conditions.
- The motor winding uses magnet wire rated for 180°C high-temperature resistance.

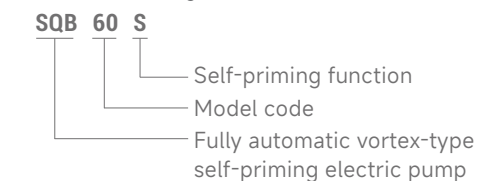
Application conditions:

- Maximum liquid temperature: +85°C
- Maximum ambient temperature: +40°C
- Maximum suction depth: +8m
- Protection level: IPX4

Product Application:

It is used for transporting clear water and other liquids with physical and chemical properties similar to water. It is suitable for household water supply, automatic irrigation systems, small air conditioning systems or related equipment.

Model meaning:



Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SQB60S	370	2.1	1	40	15	8	220V/50Hz	1inch/25mm
SQB70S	550	2.8	1.5	55	22	8	220V/50Hz	1inch/25mm
SQB80S	750	3.0	1.5	65	28	8	220V/50Hz	1inch/25mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SYA-S Series

Automatic Self-priming Pump
/ Mechanical



Product Overview

Product features:

- Patented high-precision tech
H57 brass impeller, 304 SS shaft, Italian oil seals
- Class H insulation
Quantum microwave flow switch – prevents rust-induced continuous run
- Nano-material shut-off valve – eliminates thermal expansion issues 1200°C electrophoretic coating, cured at 96°C
- Stainless steel inserts
N2-charged expansion tank – fast pressure compensation
- V-0 flame-retardant PCB
Reinforced ABS fan cover – better cooling, durable
- 180°C magnet wire

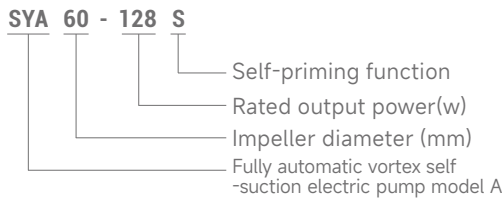
Application conditions:

- Maximum liquid temperature: +85°C
- Maximum ambient temperature: +40°C
- Maximum suction depth: +9.5m
- Protection level: IPX4

Product Application:

It is used for transporting clear water and other liquids with similar properties to water. It is suitable for household water supply, automatic irrigation systems, small air conditioning systems or related facilities, etc.

Model meaning:



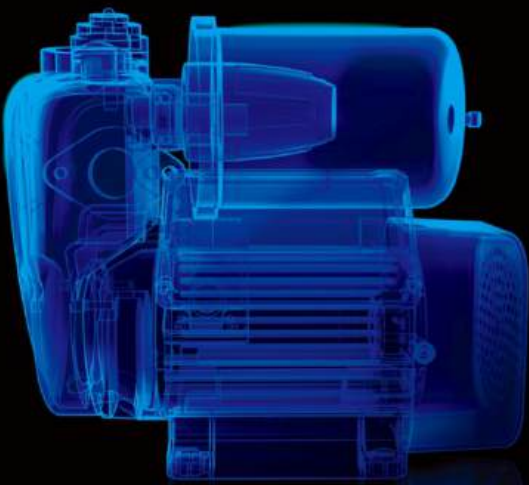
Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SYA60-128S	128	2.6	1	24	15	9.5	220V/50Hz	1inch/25mm
SYA60-180S	180	2.7	1	27	18	9.5	220V/50Hz	1inch/25mm
SYA60-250S	250	2.8	1	30	20	9.5	220V/50Hz	1inch/25mm
SYA60-370S	370	2.8	1	37	24	9.5	220V/50Hz	1inch/25mm
SYA60-550S	550	3.1	1.5	50	26	9.5	220V/50Hz	1inch/25mm
SYA60-750S	750	3.5	1.5	55	30	9.5	220V/50Hz	1inch/25mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

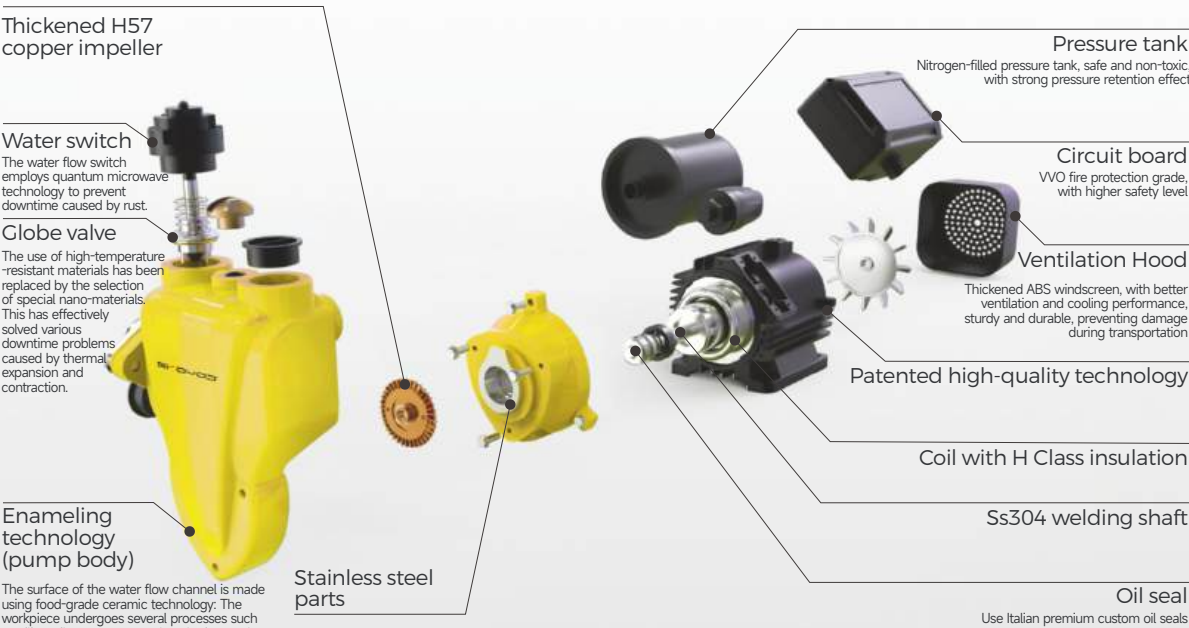
SYB-S Series

Intelligent self-suction pump
- intelligent version

When the power is on, turn on the faucet and the pump will automatically start working. When you turn off the faucet, the pump will automatically stop running. If used in conjunction with a water tower, please connect the upper limit switch of the water tower or adopt the SKOYOD intelligent cold and hot water self-suction pump product specifically designed for water towers.



- Power-on spark protection
- Anti-card machine
- Water shortage protection
- Water shortage restart



SYB-S Series

Intelligent Self-priming Pump / Intelligent

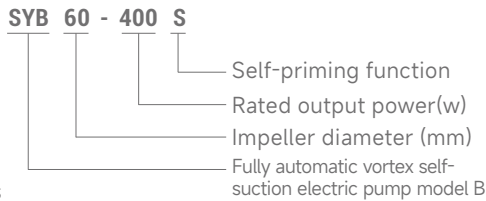
Product Overview

Product features:

- Patented high-precision processing technology
- Heavy-duty H57 brass impeller, 304 stainless steel welded shaft, fitted with Italian premium custom-made oil seals
- Class H insulation winding
- The flow switch integrates quantum microwave technology to prevent continuous operation caused by rust interference.
- The shut-off valve has been upgraded with a special nano-material, effectively eliminating stop-related issues caused by thermal expansion and contraction.
- Surface treated with a 1200 °C high-temperature electrophoretic coating, cured through a 96-stage high-temperature baking process
- Stainless steel inserts
- Nitrogen-charged expansion tank for faster pressure compensation
- Circuit board meets V-0 flame retardant rating for enhanced safety
- Reinforced ABS fan cover ensures better ventilation and heat dissipation, with enhanced durability to withstand transportation stress
- Magnet wire rated for 180 °C high-temperature resistance



Model meaning:



Application conditions:

- Maximum liquid temperature: +85°C
- Maximum ambient temperature: +40°C
- Maximum suction depth: +9.5m
- Protection level: IPX4

Product Application:

It is used for transporting clear water and other liquids with similar properties to water. It is suitable for household water supply, automatic irrigation systems, small air conditioning systems or related facilities, etc.

Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SYB60-200S	200	2	1	25	12	8	220V/50Hz	1inch/25mm
SYB60-300S	300	2	1	30	13.5	8	220V/50Hz	1inch/25mm
SYB60-400S	400	2.5	1	35	15	8	220V/50Hz	1inch/25mm
SYB70-600S	600	3	1.5	40	22	8	220V/50Hz	1inch/25mm
SYB70-800S	800	3.5	1.5	50	28	8	220V/50Hz	1inch/25mm
SYB90-1100S	1100	6	2.5	50	30	8	220V/50Hz	1.5inch/40mm
SYB90-1500S	1500	6.5	3	60	35	8	220V/50Hz	1.5inch/40mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SYC-S Series

Intelligent Self-priming Pump /digital Display/no Debugging

Product Overview

Product features:

- Spark suppression protection: 3-second delay on startup.
- Dry-run protection: Shuts down after 5 minutes of dry operation.
- Dry-run restart: Attempts restart after 20 min, 1 h, 2 h, then every 12 h—resets to 20 min once water returns.
- Delay stop: Shuts down 5 seconds after water stops.
- Flow-triggered restart: Starts when flow exceeds ~110 L/h.
- Anti-jam: Runs once every 24 hours if idle.
- Tower mode: After tank fills, checks level at 1/3/9 h intervals (requires float valve).
- Fault codes: E0 (pressure sensor), E1 (temp sensor), E2 (flow sensor), dry-run.
- Freeze protection: Activates below 4°C pump head temp, starts pump; deactivates above 13°C.
- Auto mode switch: Falls back to pressure mode if flow sensor fails, or boost mode if pressure sensor fails.
- Adaptive pressure: Adjusts start pressure automatically based on inlet changes.
- Magnet wire: Rated for 180°C.



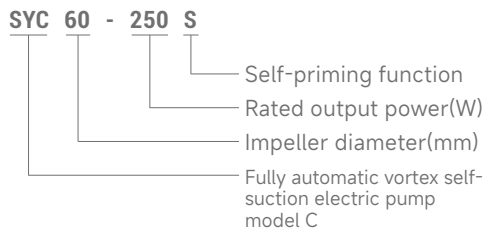
Application conditions:

- Maximum liquid temperature: +85°C
- Maximum ambient temperature: +40°C
- Maximum suction depth: +8m
- Protection level: IPX4

Product Application:

It is used for transporting clear water and other liquids with similar properties to water. It is suitable for household water supply, automatic irrigation systems, small air conditioning systems or related facilities, etc.

Model meaning:



Model	Rated Power (W)	Max Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Electric current (A)	Speed (r/min)	Voltage/ Frequency (V/Hz)	Set inside diameter (mm)
SYC60-128S	128	2	24	15	8	1.5	2860	220V/50Hz	25
SYC60-180S	180	2.3	26	18	8	1.7	2860	220V/50Hz	25
SYC60-250S	250	2.6	30	20	8	2	2860	220V/50Hz	25
SYC60-370S	370	2.6	36	24	8	2.5	2860	220V/50Hz	25
SYC74-550S	550	3	49	26	8	3	2860	220V/50Hz	25
SYC74-750S	750	3.4	56	30	8	4	2860	220V/50Hz	25
SYC90-1100S	1100	6.0	50	30	8	5.5	2860	220V/50Hz	40
SYC90-1500S	1500	6.5	60	35	8	7.5	2860	220V/50Hz	40

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SJET Series

Jet pump



- 
Low noise
- 
High water output
- 
Long-lasting and durable
- 
All-copper motor
- 
Powerful and strong
- 
Suction range up to 9.9 meters



SJET-S Series

Jet Pump



Product Overview

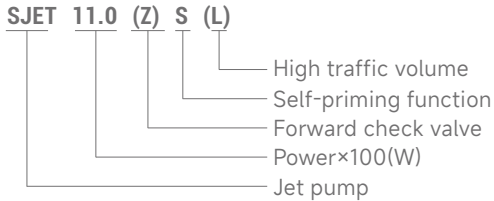
Product features:

- Low noise;
- High water output;
- Long-lasting and durable;
- All-copper motor;
- Powerful and strong;
- The suction depth can reach up to 9.9 meters;
- 180°C high-temperature resistant enameled wire;

Application conditions:

- Maximum liquid temperature: +60°C
- Maximum environmental temperature: +40°C
- Maximum suction depth: +9.5m
- Protection level: IPX4

Model meaning:



Product Application:

Used for transporting clear water and other liquids with similar properties to water. Suitable for well water extraction, garden irrigation, pipeline pressurization and related facilities.

Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Speed (r/min)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SJET5.5S	550	4.5	3	45	25	9.9	2860	220V/50Hz	1inch/25mm
SJET7.5S	750	4.5	3	50	28	9.9	2860	220V/50Hz	1inch/25mm
SJET11.0S	1100	4.5	3	55	30	9.9	2860	220V/50Hz	1inch/25mm
SJET11.0S(L)	1100	5.0	3	43	28	9.9	2860	220V/50Hz	1inch/25mm
SJET15.0S	1500	5.0	3.2	58	33	9.9	2860	220V/50Hz	1inch/25mm
SJET15.0S(L)	1500	5.3	2.8	40	30	9.9	2860	220V/50Hz	1inch/25mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SJET-ZS Series

Jet Pump



Product Overview

Product features:

- Low noise;
- High water output;
- Long-lasting and durable;
- All-copper motor;
- Powerful and strong;
- The suction depth can reach up to 9.9 meters;
- 180°C high-temperature resistant enameled wire;

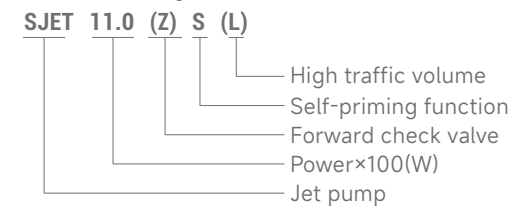
Product Application:

Used for transporting clear water and other liquids with similar properties to water. Suitable for water lifting in wells, garden irrigation, pipeline pressurization and related facilities.

Application conditions:

- Maximum liquid temperature: +60°C
- Maximum environmental temperature: +40°C
- Maximum suction depth: +9.9m
- Protection level: IPX4

Model meaning:



Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Speed (r/min)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SJET5.5ZS	550	4.5	3	45	25	9.9	2860	220V/50Hz	1inch/25mm
SJET7.5ZS	750	4.5	3	50	28	9.9	2860	220V/50Hz	1inch/25mm
SJET11.0ZS	1100	4.5	3	55	30	9.9	2860	220V/50Hz	1inch/25mm
SJET11.0ZS(L)	1100	5.0	3	43	28	9.9	2860	220V/50Hz	1inch/25mm
SJET15.0ZS	1500	5.0	3.2	58	33	9.9	2860	220V/50Hz	1inch/25mm
SJET15.0ZS(L)	1500	5.3	2.8	40	30	9.9	2860	220V/50Hz	1inch/25mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SJET-BS Series

Jet Pump



Product Overview

Product features:

- Low noise;
- High water output;
- Long-lasting and durable;
- All-copper motor;
- Powerful and strong;
- The suction depth can reach up to 9.9 meters;
- 180°C high-temperature resistant enameled wire;

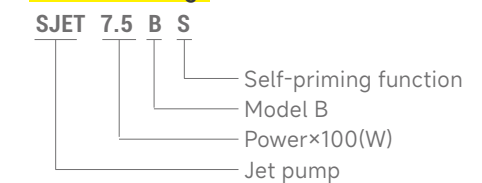
Product Application:

Used for transporting clear water and other liquids with similar properties to water. Suitable for water lifting in wells, garden irrigation, pipeline pressurization and related facilities.

Application conditions:

- Maximum liquid temperature: +60°C
- Maximum environmental temperature: +40°C
- Maximum suction depth: +9.9m
- Protection level: IPX4

Model meaning:

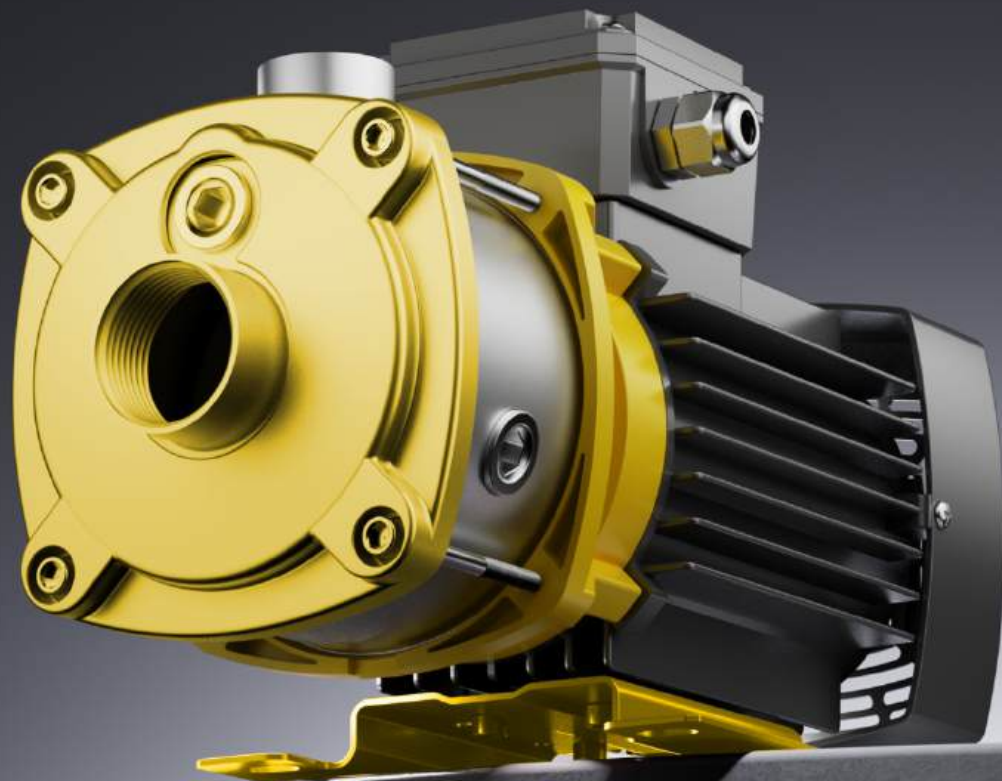


Model	Rated Power (W)	Max Flow (m³/h)	Rated Flow (m³/h)	Max Head (m)	Rated Head (m)	Max Suction (m)	Voltage/ Frequency (V/Hz)	Inlet &Outlet Diameter (inch/mm)
SJET3.7BS	370	3.2	1.5	35	18	9	220V/50Hz	1inch/25mm
SJET5.5BS	550	3.6	2.4	38	22	9	220V/50Hz	1inch/25mm
SJET7.5BS	750	4.0	2.4	40	23	9	220V/50Hz	1inch/25mm
SJET9.0BS	900	4.3	2.5	45	26	9	220V/50Hz	1inch/25mm
SJET11.0BS	1100	4.5	2.8	50	28	9	220V/50Hz	1inch/25mm

Note: There may be errors between the data and the actual situation. Please refer to the physical products of our company. Any changes will be made without prior notice.

SLA Series

Lightweight Horizontal Multi-stage Centrifugal Pump



Product Overview

Main purpose:

The SLA type pump is mainly used in industry:

- Air conditioning system
- Cooling system
- Industrial cleaning
- Handling (water purification)
- Aquaculture
- Fertilizer/Metering System
- Environmental applications
- (Other) Many are specifically for certain purposes

Operating conditions:

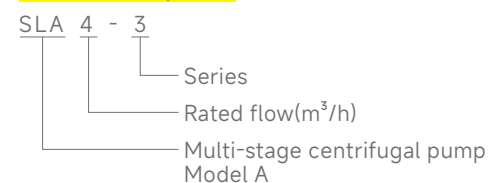
- Liquid temperature: Normal temperature type -15°C to +70°C; Hot water type -15°C to +105°C
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 10 bar
- The maximum inlet pressure is limited by the maximum operating pressure.

Test Conditions:

The following conditions apply to the performance curves shown hereafter.

- All curves are based on measurements taken at a constant speed of 2850rpm for the 0.25kW motor, and 2900rpm for motors of other power ratings.
- Curve tolerances comply with ISO 9906:2012, Grade3B.
- Tests were conducted with deaerated water at 20°C, with a kinematic viscosity of 1mm²/s.
- Pump operation should be confined to the performance range indicated by the bold curve to avoid overheating due to insufficient flow or motor overload caused by excessive flow.

Model Description:



Conveying liquids:

- A thin, clean, non-flammable and non-explosive liquid without solid particles or fibers.
- The pump can convey substances such as mineral water, softened water, pure water, clear oil and other light chemical media.
- When the density or viscosity of the conveyed liquid is greater than that of water, if necessary, a high-power motor must be equipped.
- Whether the pump is suitable for a specific liquid is determined by a variety of factors, among which the most important ones are chlorine content, pH value, temperature and solvent, oil content, etc.

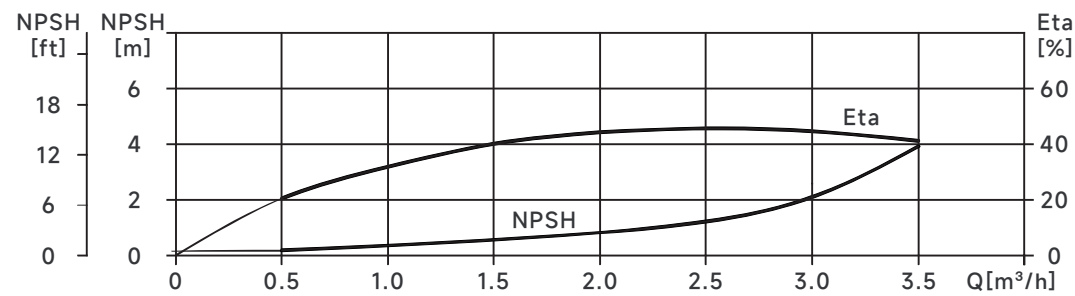
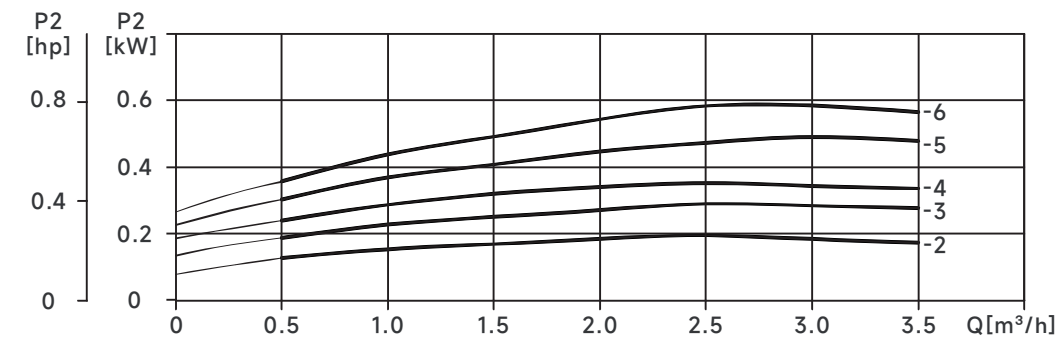
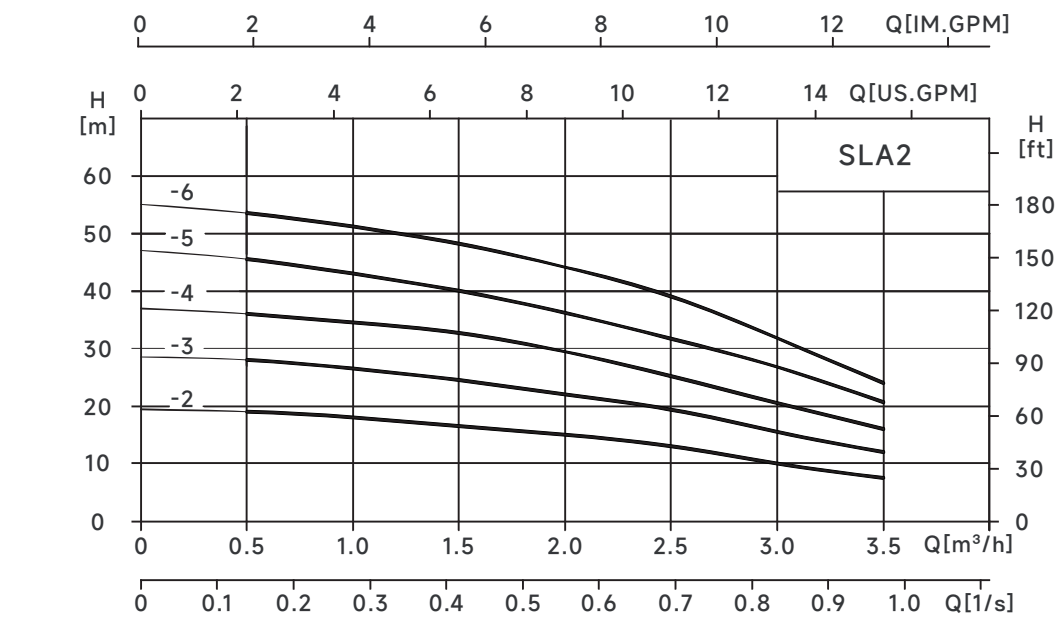
Motor type:

- Totally enclosed, fan-cooled (TEFC), standard motor.
- Protection rating: IP55
- Insulation class: F
- Standard voltage (50 Hz): 1x220-240 V / 3x220-240 V / 3x380-415 V
- Max. power for single-phase motor: 2.4 kW

Pump:

- Horizontal multi-stage non-self-priming centrifugal pump, equipped with a long shaft motor.
- The compact structure makes the pump very small in size, with an axial inlet and a radial outlet.

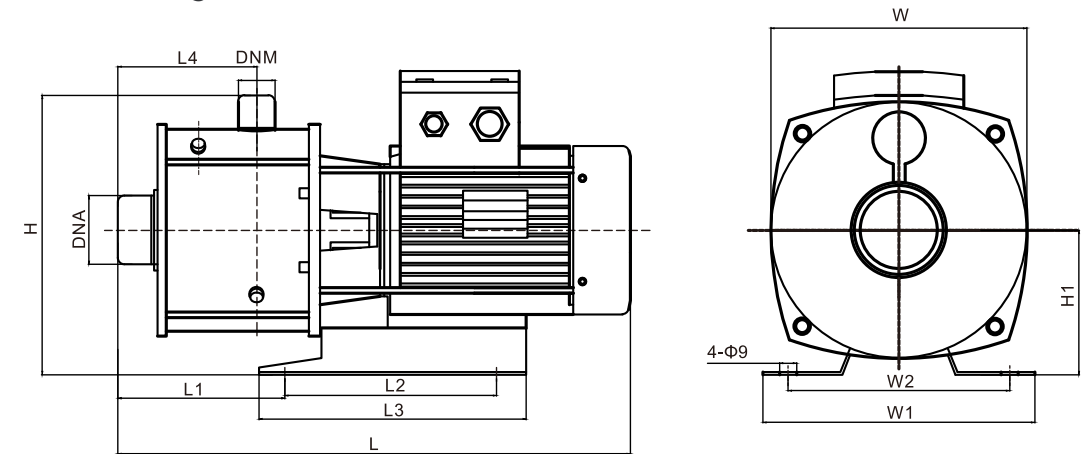
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	H (m)						
	(kW)		0.5	1.0	1.5	2.0	2.5	3.0	3.5
SLA2-2	0.37	H (m)	19	18	16.5	14	13	10	7.5
SLA2-3	0.37		28	26.5	24.5	21	19	15.5	12
SLA2-4	0.55		36	34.5	33	28	25	20.5	16
SLA2-5	0.55		45.5	43	40	35	31.5	26.5	20.5
SLA2-6	0.75		53.5	51	48	42	39	32	24

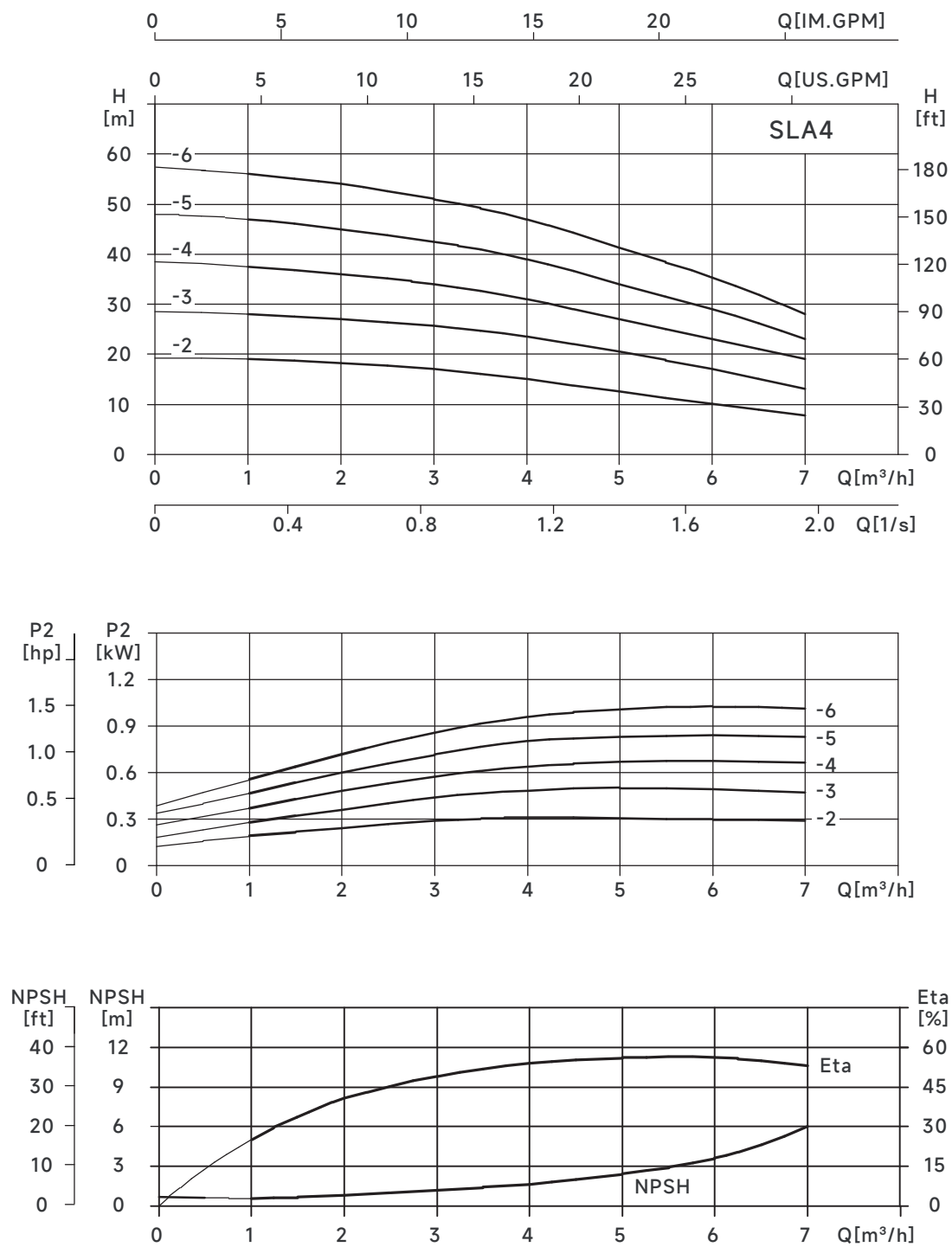
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA2-20	25	25	165	75	327	140	95	136	73	139	162	125
	SLA2-30	25	25	165	75	327	140	95	136	73	139	162	125
	SLA2-40	25	25	165	75	344	153	95	136	80	139	162	125
	SLA2-50	25	25	165	75	360	168	95	136	98	139	162	125
	SLA2-60	25	25	170	82	418	197	95	136	120	139	162	125

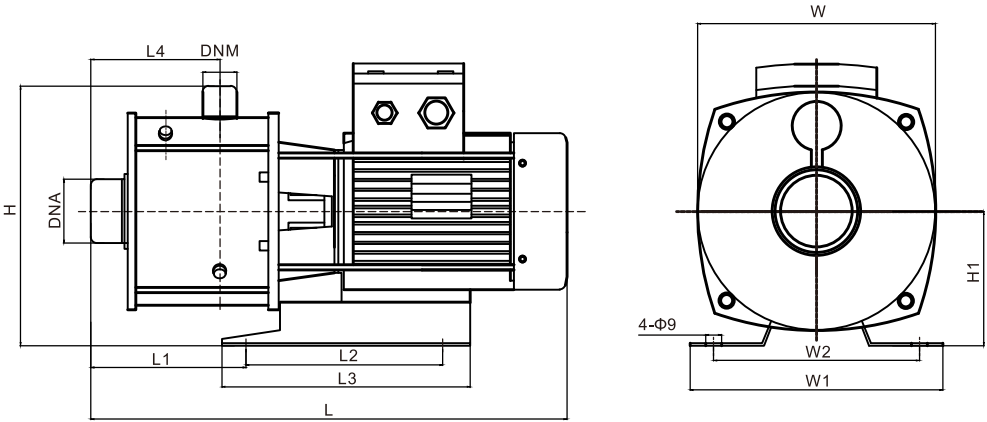
 Performance curve



 Performance Table

Model	or	Q(m³/h)	1.0	2.0	3.0	4.0	5.0	6.0	7.0
	(kW)								
SLA4-2	0.37	H (m)	19	18	17	15	12.5	10	8
SLA4-3	0.55		28	27	26	22	20.5	17	13
SLA4-4	0.75		37.5	36	34	30	27	23	19
SLA4-5	1.1		47	45	42.5	38	34	29	23
SLA4-6	1.3		56	54	51	45	41.5	35.5	28

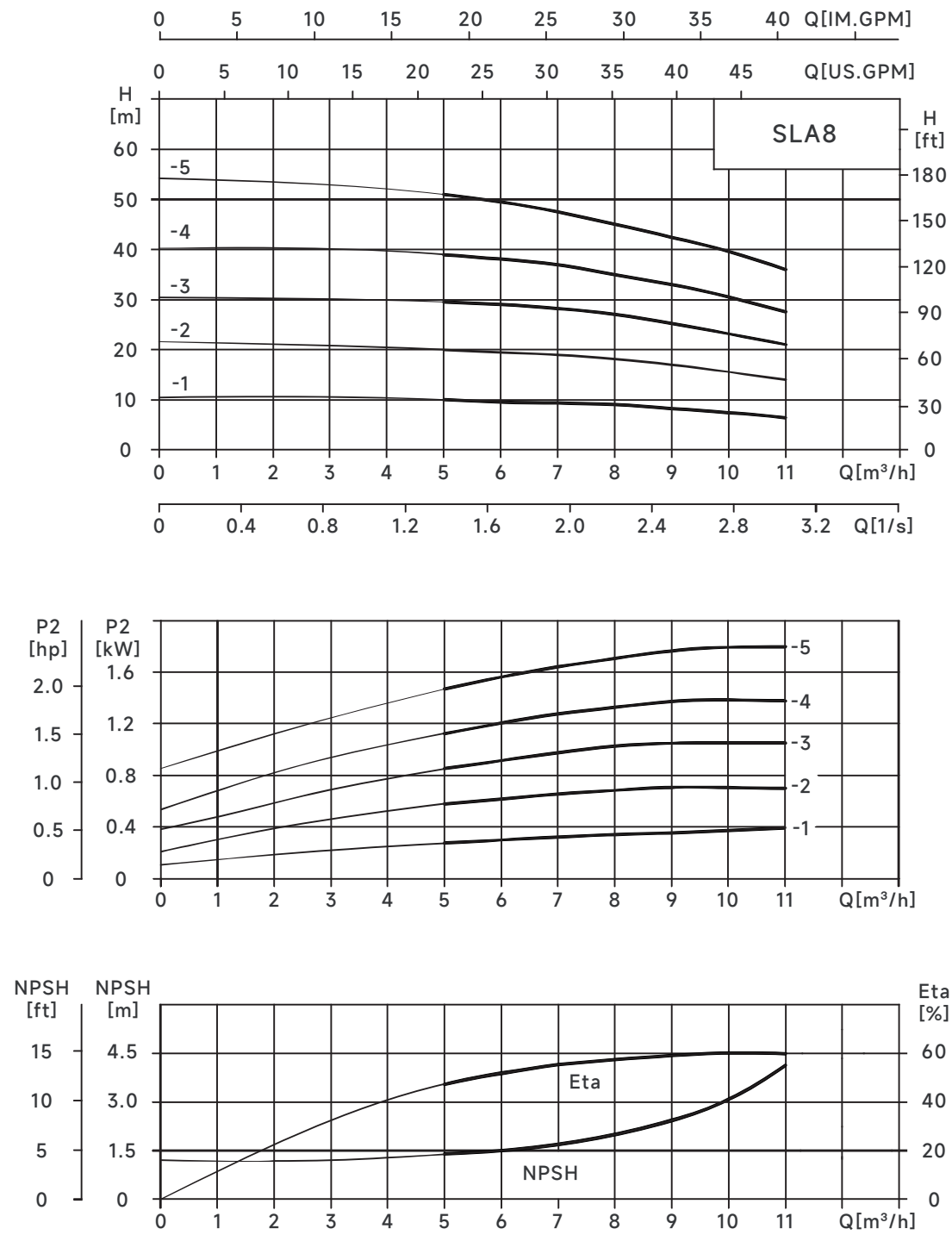
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA4-20	32	25	170	78	328	135	95	136	65	139	162	125
	SLA4-30	32	25	170	78	328	135	95	136	65	139	162	125
	SLA4-40	32	25	170	82	388	163	95	136	80	139	162	125
	SLA4-50	32	25	170	80	407	180	95	136	107	139	162	125
	SLA4-60	32	25	170	80	424	200	95	136	125	139	162	125

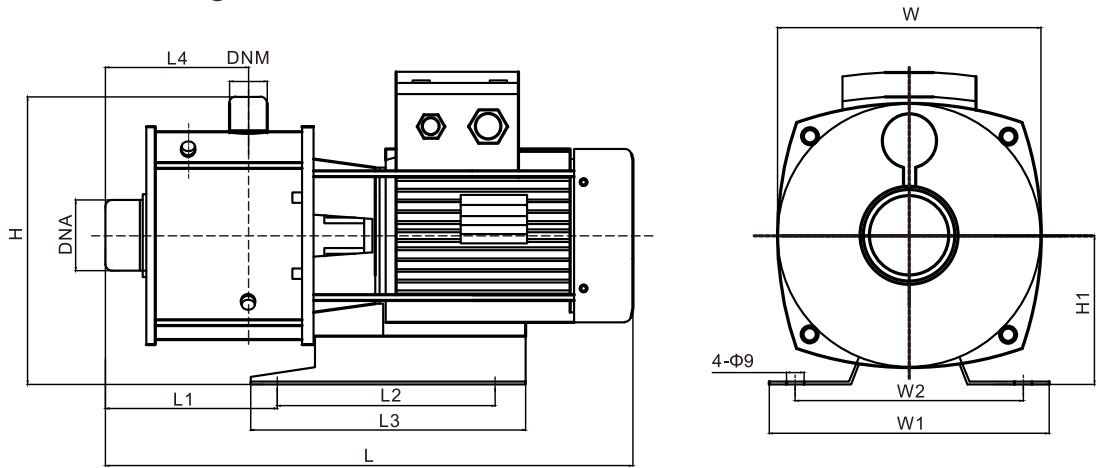
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	5.0	6.0	7.0	8.0	9.0	10.0	11.0
	(kW)								
SLA8-1	0.75	H (m)	10	95	9.3	9	8	7.5	7
SLA8-2	0.75		20	19.5	19	18	17	15.5	14
SLA8-3	1.1		29.5	9	28	27	25	23	21
SLA8-4	1.5		39	38	37	35	33	30.5	27.5
SLA8-5	2.2		51	49.5	47.5	45	42.5	39.5	36

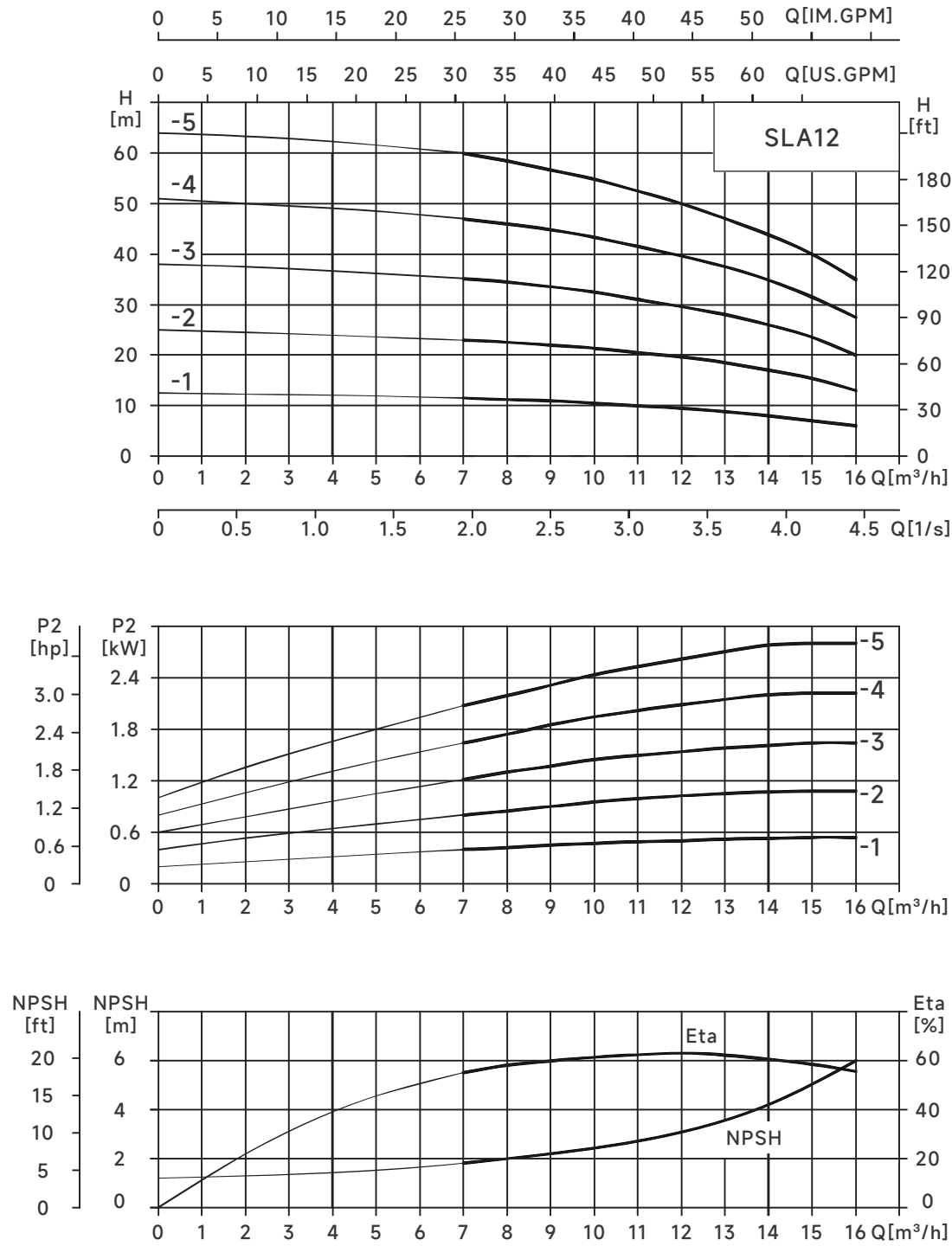
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA8-10	40	40	/	/	/	/	/	/	/	181	/	/
	SLA8-20	40	40	/	/	/	/	/	/	/	181	/	/
	SLA8-30	40	40	/	/	/	/	/	/	/	181	/	/
	SLA8-40	40	40	/	/	/	/	95	160	/	181	168	130
	SLA8-50	40	40	217	102	540	285	95	160	165	181	168	130

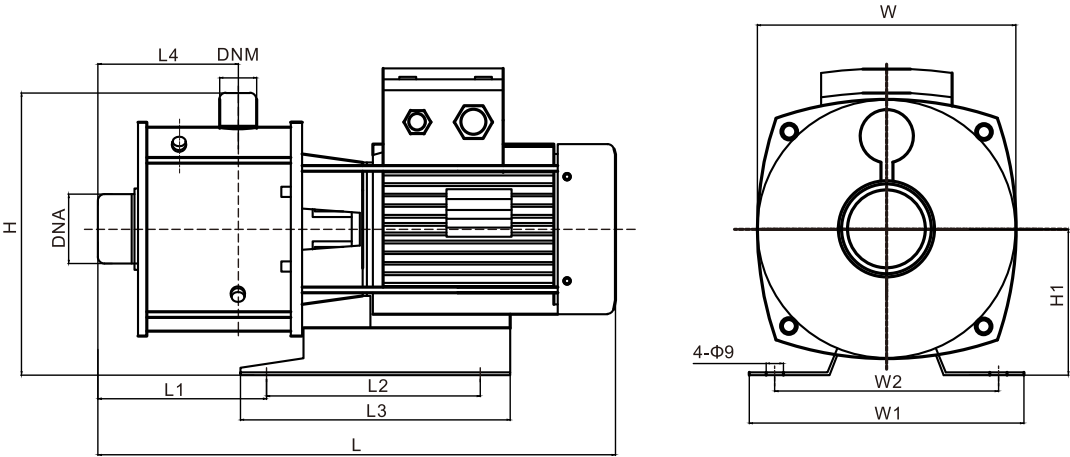
 Performance curve



 Performance Table

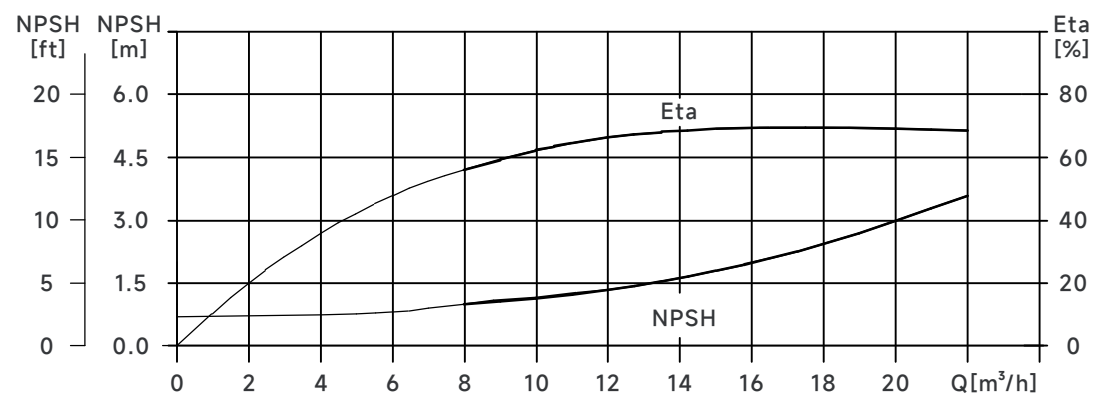
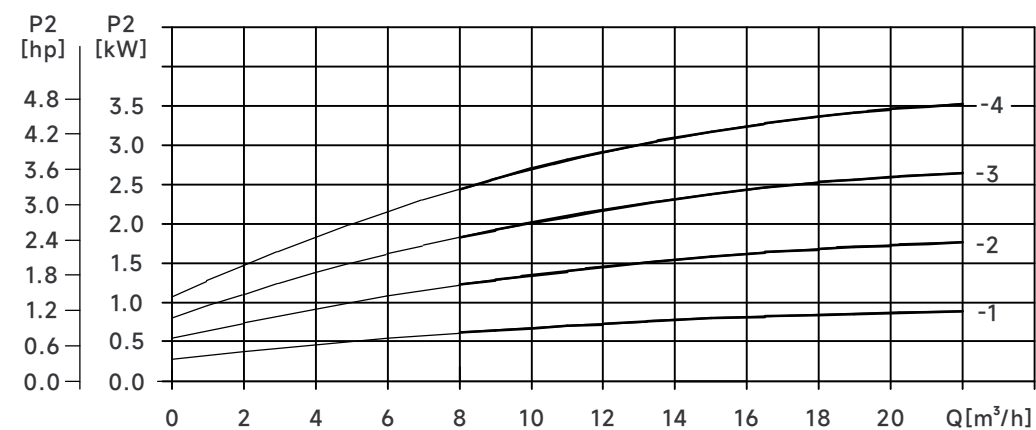
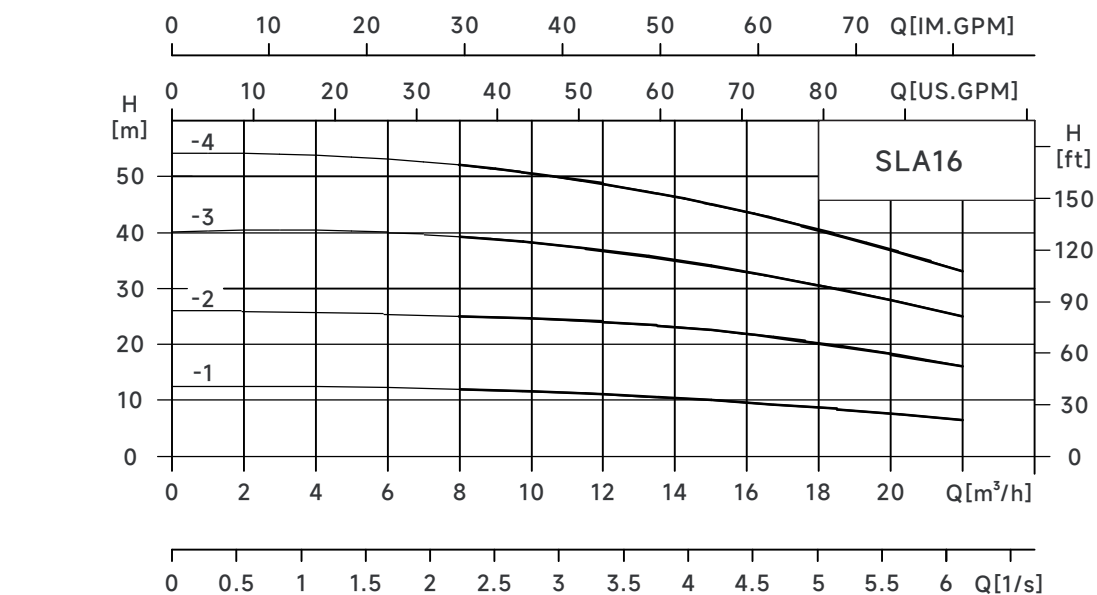
Model	Motor	Q(m³/h)	10	12	14	16	18	20	22	24	26	28
	(kW)											
SLA12-1	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
SLA12-2	1.1		23	22.5	22	21.5	20.5	20	18.5	17	15.5	13
SLA12-3	1.85		35	34.5	33.5	32.5	31	30	28	26	23.5	20
SLA12-4	2.4		47	46	45	43.5	41.5	40	37.5	35	31.5	27.5
SLA12-5	3		60	58	56.5	55	52.5	50	47	44	40	35

 Installation diagram

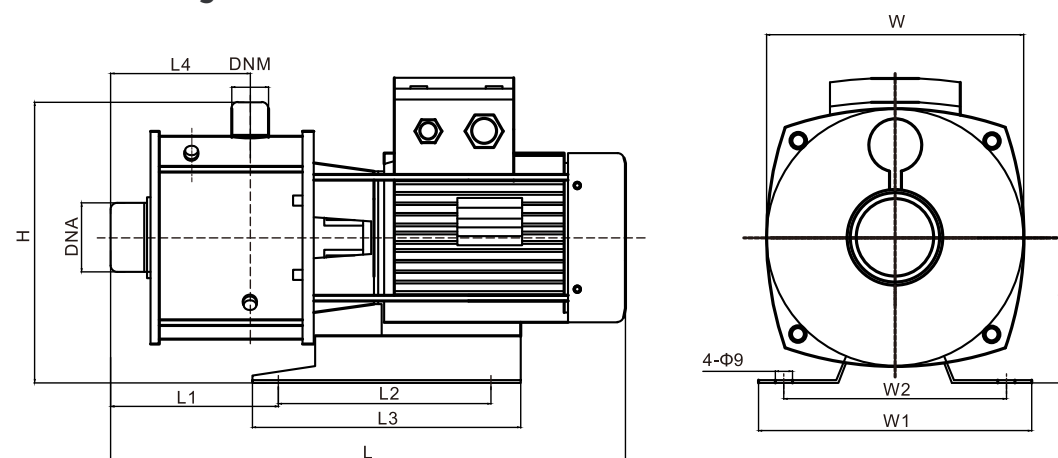


 Size and weight

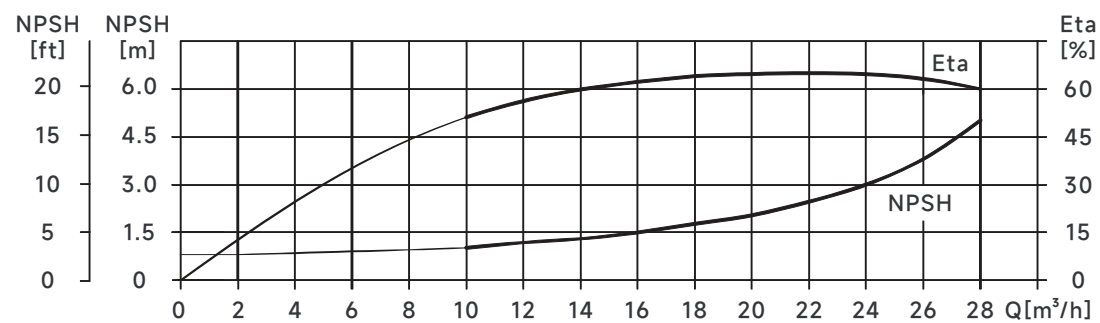
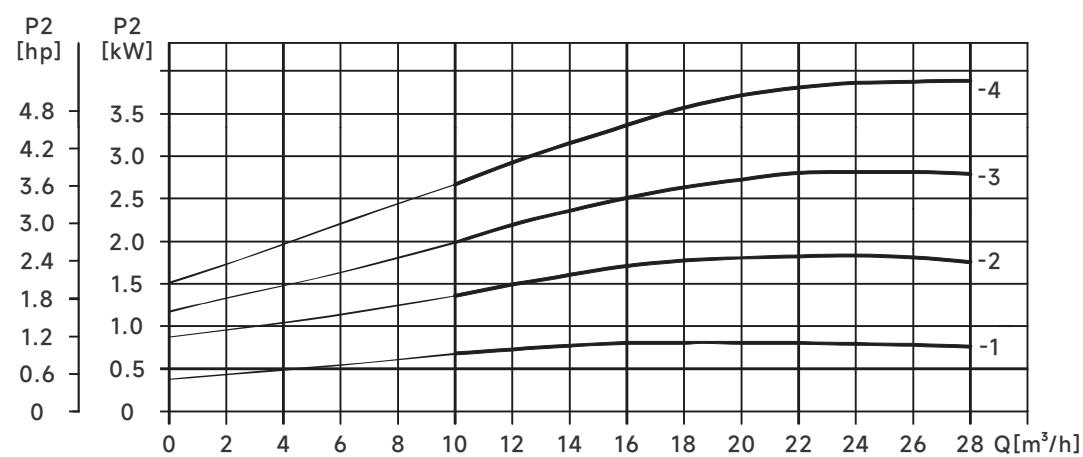
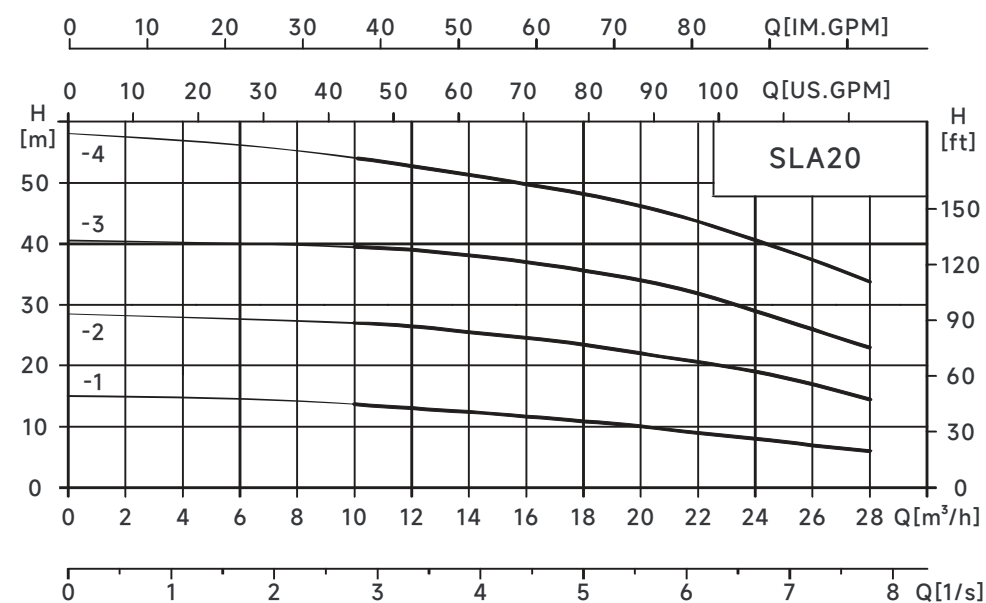
Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA12-10	40	40	214	100	450	213	95	160	105	181	168	130
	SLA12-20	40	40	214	100	450	213	95	160	105	181	168	130
	SLA12-30	40	40	214	100	450	213	95	160	105	181	168	130
	SLA12-40	40	40	/	/	/	/	95	160	/	181	168	130
	SLA12-50	40	40	217	102	540	285	95	160	165	181	168	130



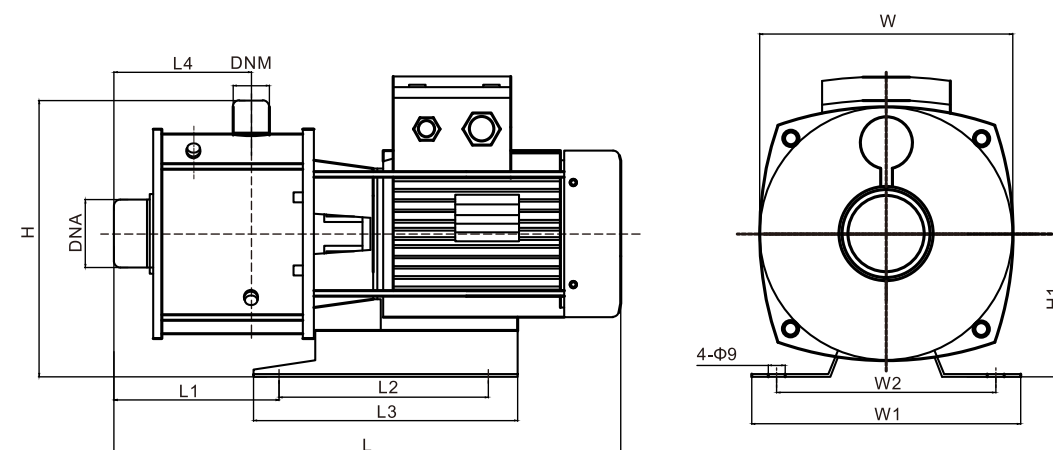
Model	Motor	Q(m³/h)	10	12	14	16	18	22	24	26
	(kW)									
SLA16-20	2.2	H (m)	26	25	24	23	22	20	18	15.5
SLA16-30	3.0		40	39	38	36	34	31.5	29	25
SLA16-40	4.0		54	53	52	49	46	45	38	34



Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA16-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLA16-30	50	50	271	130	603	250	138	188	125	176	136	110
	SLA16-40	50	50	271	130	603	250	138	188	125	176	136	110



Model	Motor	Q(m³/h)	10	12	14	16	18	20	22	24	26	28
	(kW)											
SLA20-10	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
SLA20-20	2.2		27	26.5	25.5	25	23.5	22	20.5	18.5	17	14.5
SLA20-30	3		39.5	39	38	37.5	35.5	34	31.5	29	26	23



Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLA20-10	50	50	261	120	491	199	138	188	125	234	136	110
	SLA20-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLA20-30	50	50	271	130	603	250	138	188	125	176	136	110

SLB/SLC Series

Stainless Steel Horizontal Multi-stage Centrifugal Pump



Product Overview

Scope of Application:

The product is applicable to liquids with low viscosity, neutral properties, non-explosive nature, and without solid particles or fibers. The liquid being transported must not be chemically corrosive to the material of the pump. (Oils or oil-based liquids can be transported by special types of pumps);

- The circulation of the air conditioning system;
- Special pumps for coal-to-electricity conversion / coal-to-gas conversion;
- Cooling system;
- Water treatment (water purification);
- Industrial cleaning system;
- The transportation, circulation and lifting of liquids;
- Hot water and cold water;
- Food, beverage, agriculture and other ingredient systems.

Purpose:

SLB/SLC are non-self-priming horizontal multi-stage centrifugal pumps (hereinafter referred to as the "pumps"), featuring high efficiency, low noise, resistance to mild corrosion, compact structure, attractive appearance, small size, and light weight.

Product features:

- Integrated shaft design, with a compact structure;
- The water-passing components are all made of stainless steel, which helps protect the water quality;
- Stainless steel pressed and welded impeller and guide body, with a light weight of the product;
- High-efficiency hydraulic model, product is energy-saving and low-noise;
- Electrophoretic coating process for castings, rust prevention and corrosion resistance;
- Mechanical seals and bearings offer customized services;

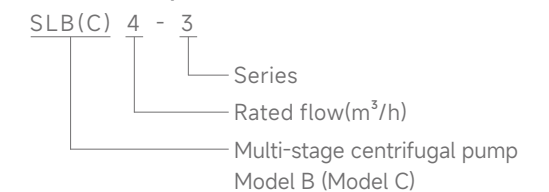
Operating conditions:

- Medium temperature: Normal temperature type -15°C to +70°C; Hot water type -15°C to +110°C;
- Flow range: 0.5 to 28 m³/h;
- Maximum pressure: 10 bar;
- Medium acidity and alkalinity range: PH 5 to 9;
- Maximum ambient temperature: +40°C;
- Maximum suction pressure is limited by the maximum working pressure;
- Minimum inlet pressure: Refer to the NPSH curve

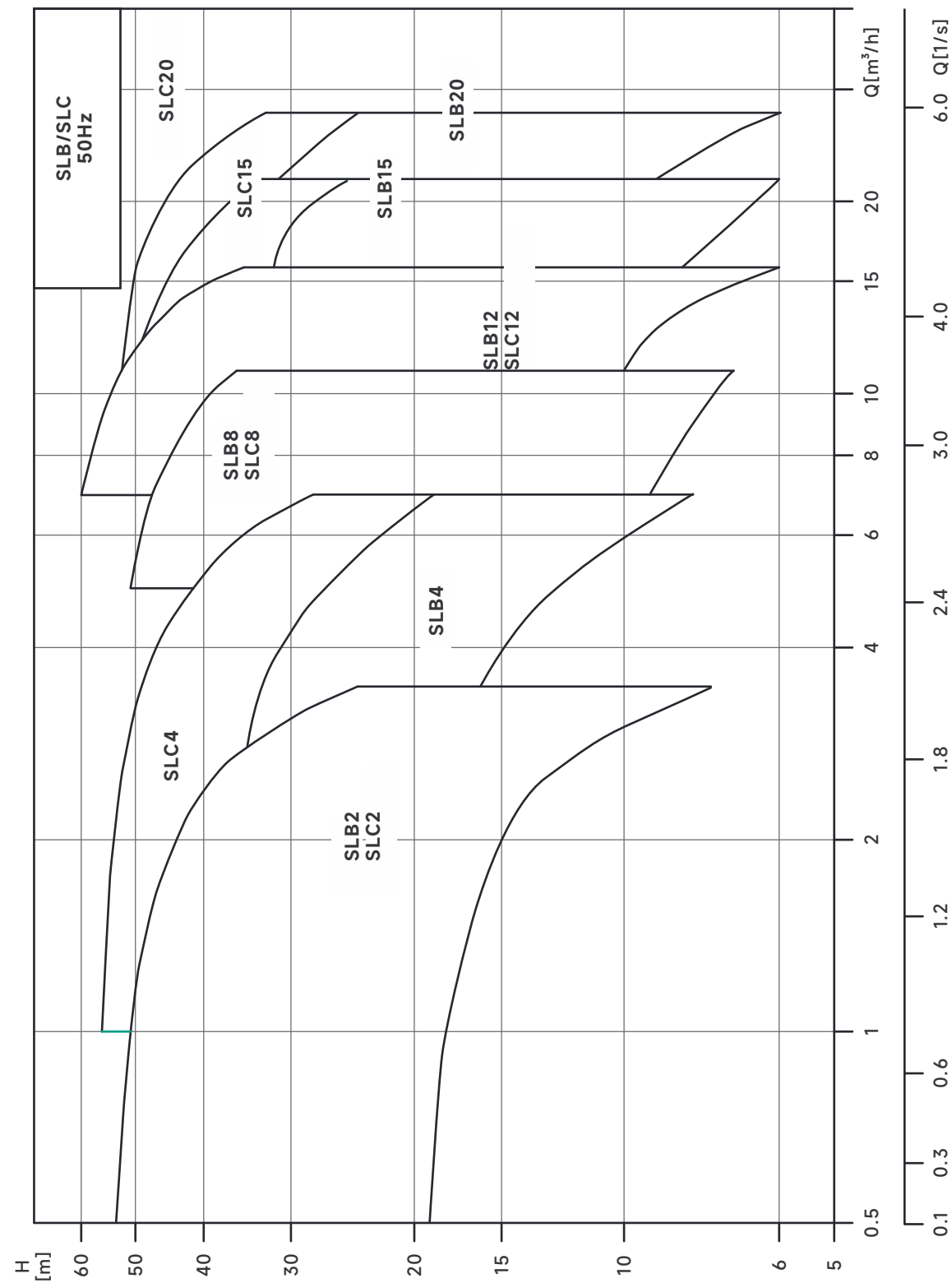
Motor:

- Fully enclosed air-cooled motor
- Protection class: IP55
- Insulation class: F
- Standard voltage: Single phase 220-240V/50Hz
Three phase 380-415V/50Hz
- Single-phase motor is equipped with built-in thermal overload protection.
- Three-phase motor must be connected to the motor starter according to local regulations

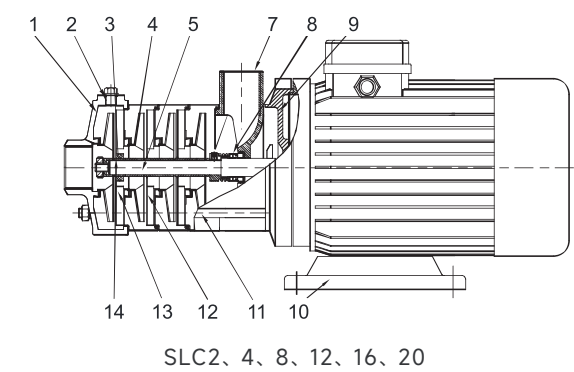
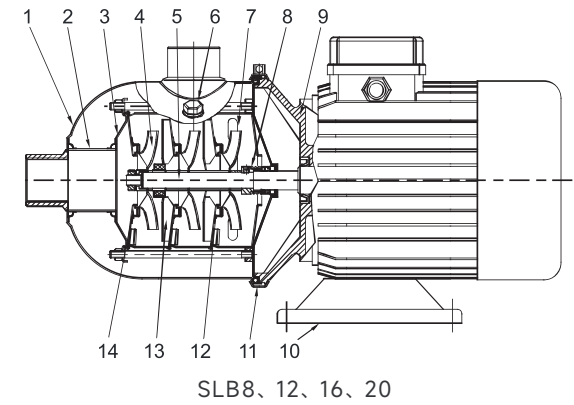
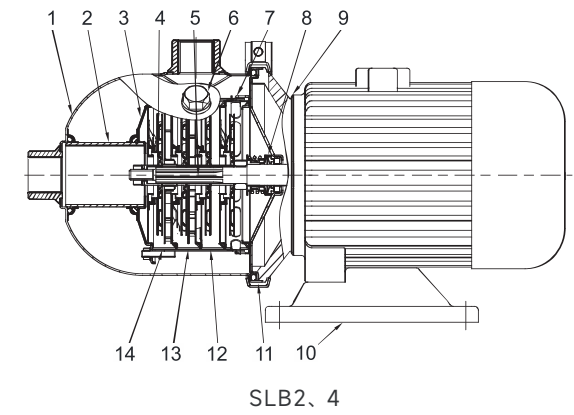
Model Description:



 Performance curve



 Product structure



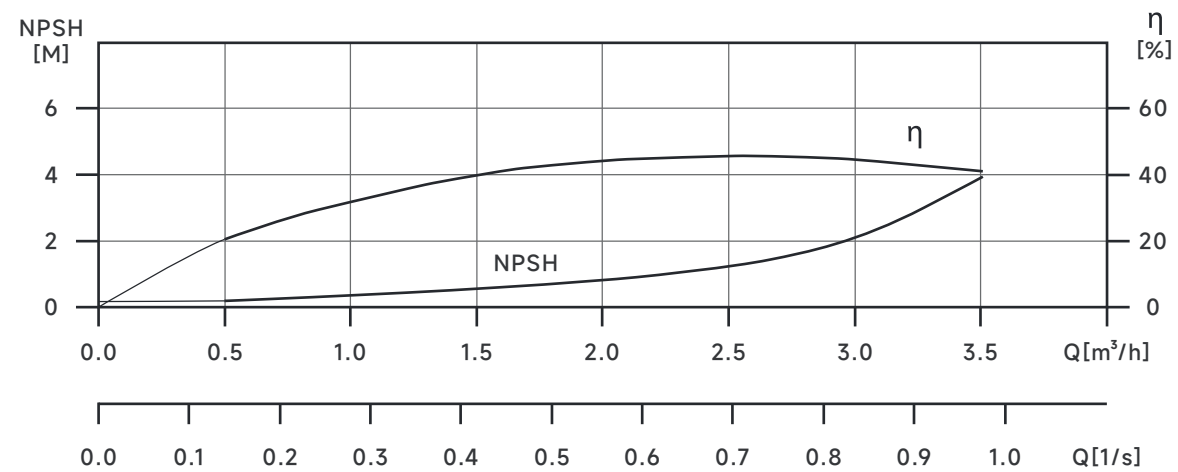
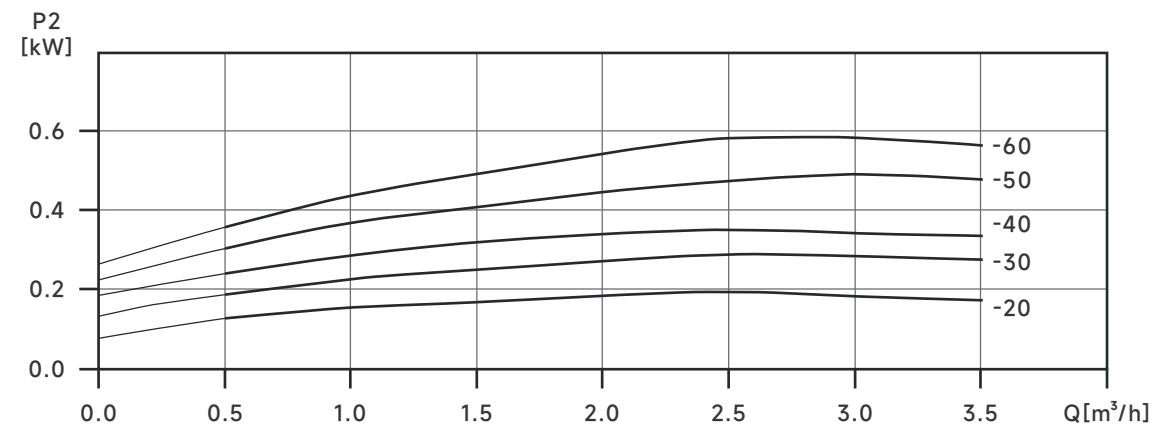
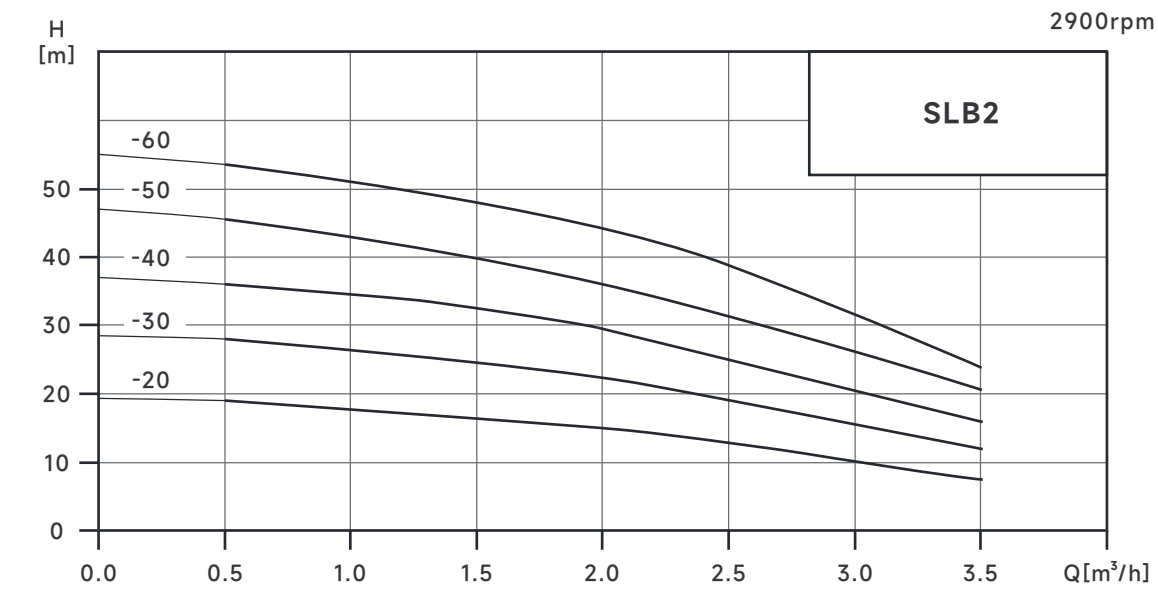
Model: SLB2, 4, 8, 12, 16, 20

NO.	Name	Materials	AISI/ASTM
1	Inlet and Outlet Sections	Stainless steel	AISI304
2	Connection pipe	Stainless steel	AISI304
3	Press plate	Stainless steel	AISI304
4	Impeller	Stainless steel	AISI304
5	Axis	Stainless steel	AISI304
6	Stupid person	Stainless steel	AISI304
7	Water outlet guide vane	Stainless steel	AISI304
8	Mechanical seal		
9	Motor end cover	Aluminum alloy	
10	Base	Steel plate	AISI1015
11	Quick connector	Stainless steel	AISI304
12	Blade	Stainless steel	AISI304
13	Supporting blade	Stainless steel	AISI304
14	Guide vane	Stainless steel	AISI304

Model: SLC2, 4, 8, 12, 16, 20

NO.	Name	Materials	AISI/ASTM
2	Stupid person	Stainless steel	AISI304
3	Bearings	Tungsten carbide	
4	Impeller	Stainless steel	AISI304
5	Axis	Stainless steel	AISI304
8	Mechanical seal		
9	Motor end cover	Aluminum alloy	
10	Baseplate	Steel plate	AISI1015
11	Pull rod	Stainless steel	AISI304
12	Guide vanes	Stainless steel	AISI304
13	Supporting guide vanes	Stainless steel	AISI304
14	Impeller sleeve	Stainless steel	AISI304
1	Inflow water body	Stainless steel	AISI304
7	Surface water	Stainless steel	AISI304
1	Inflow water body	Cast iron	ASTM25B
7	Surface water	Cast iron	ASTM25B

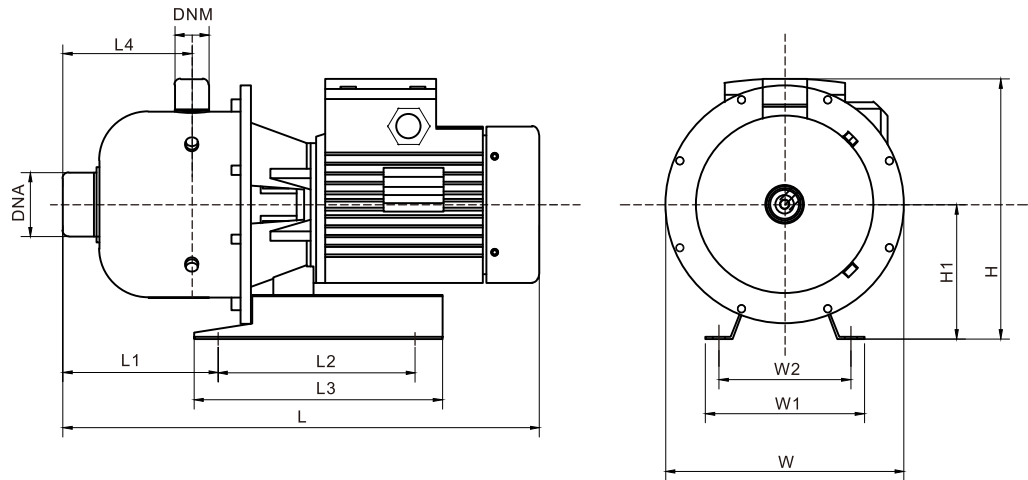
 Performance curve



 Performance Table

Model	Motor	Q (m³/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
	(kW)								
SLB2-20	0.37	H (m)	19	18	16.5	15	13	10	7.5
SLB2-20G	0.37		19	18	16.5	15	13	10	7.5
SLB2-30	0.37		28	26.5	24.5	22	19	15.5	12
SLB2-30G	0.37		28	26.5	24.5	22	19	15.5	12
SLB2-40	0.55		36	34.5	33	29	25	20.5	16
SLB2-40G	0.55		36	34.5	33	29	25	20.5	16
SLB2-50	0.55		45.5	43	40	36	31.5	26.5	20.5
SLB2-60	0.75		53.5	51	48	44	39	32	24

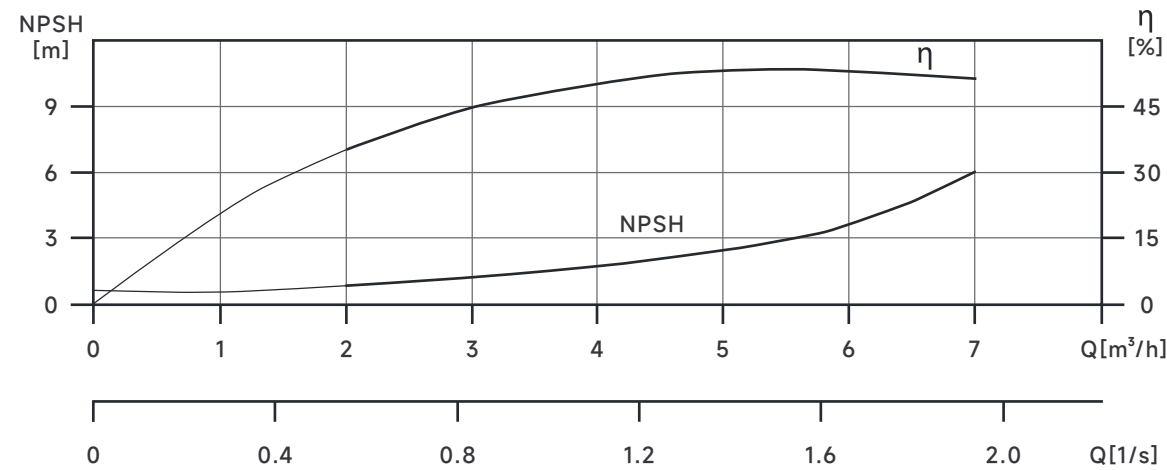
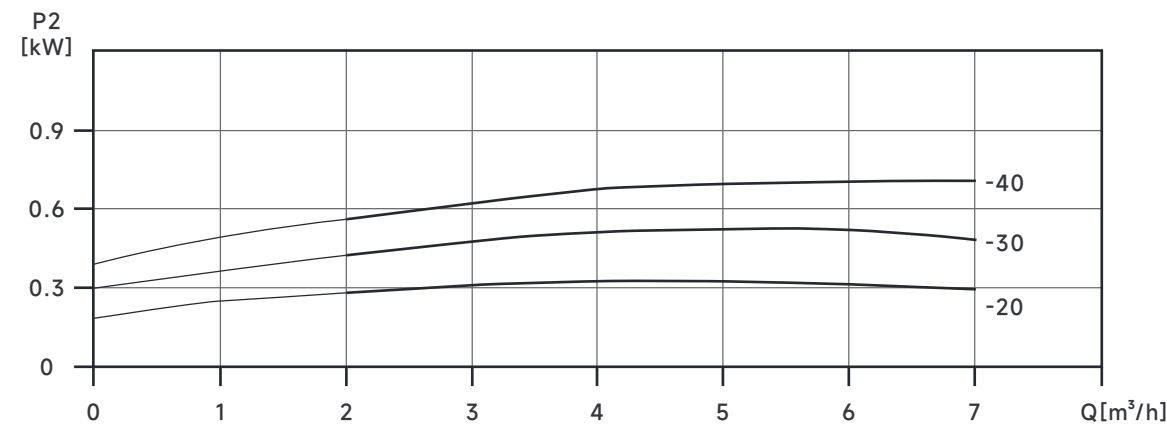
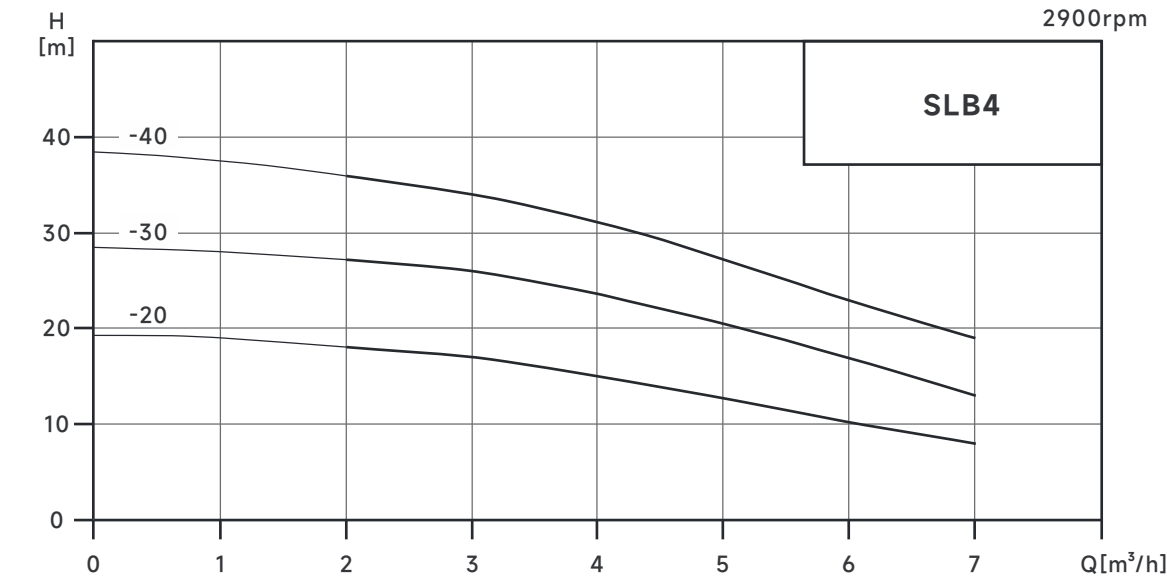
 Installation diagram



 Size and weight

Motor	Model	Size (mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB2-20	25	25	210	110	390	127	138	188	89	195	136	110
	SLB2-30	25	25	210	110	390	127	138	188	89	195	136	110
	SLB2-40	25	25	210	110	390	127	138	188	89	195	136	110
	SLB2-50	25	25	213	110	425	163	138	188	125	195	136	110
	SLB2-60	25	25	213	110	425	163	138	188	125	195	136	110

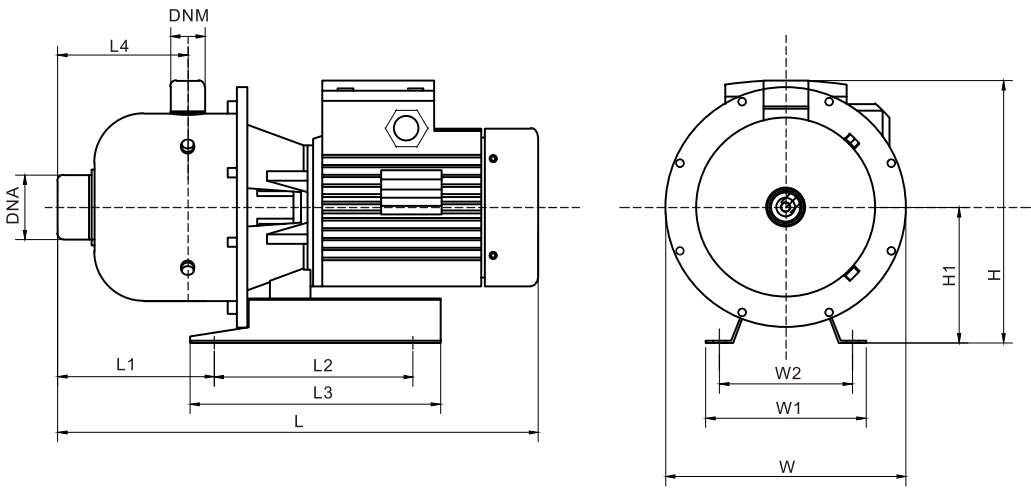
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	1	2	3	4	5	6	7
	(kW)								
SLB4-20	0.37	H (m)	19	18	17	15	12.5	10	8
SLB4-30	0.55		28	27	26	22	20.5	17	13
SLB4-40	0.75		37.5	36	34	30	27	23	19
SLB4-50	1.0		47	45	43	38	34	31	23
SLB4-60	1.3		56	54	52	45	41	37	28

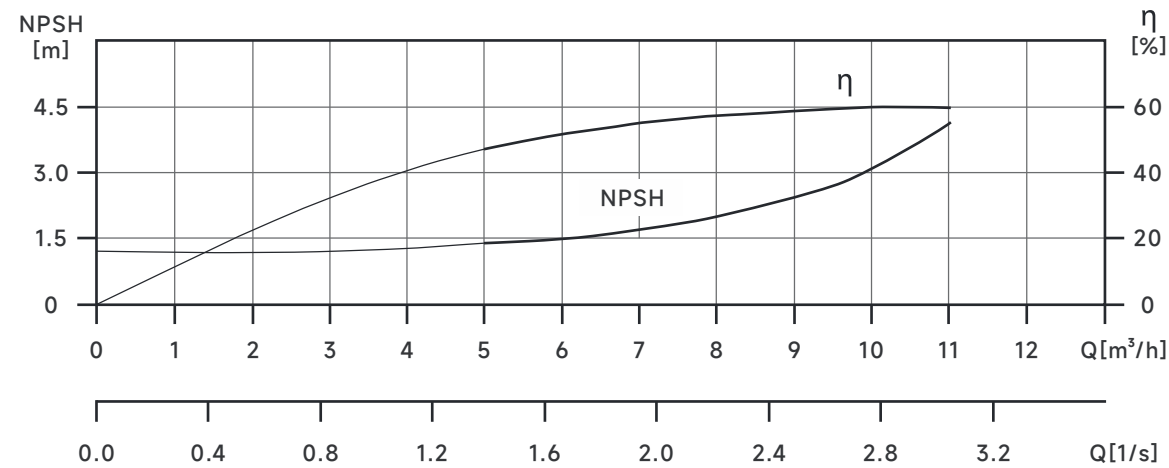
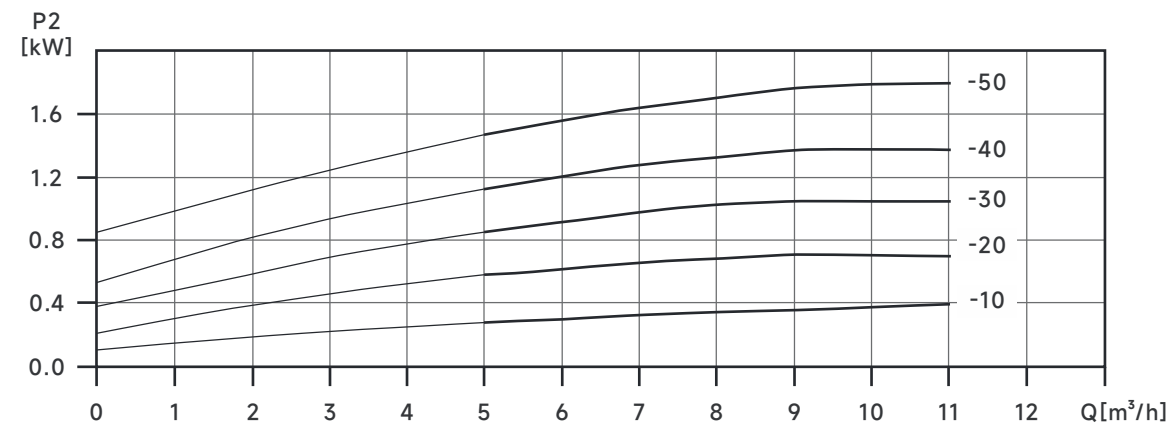
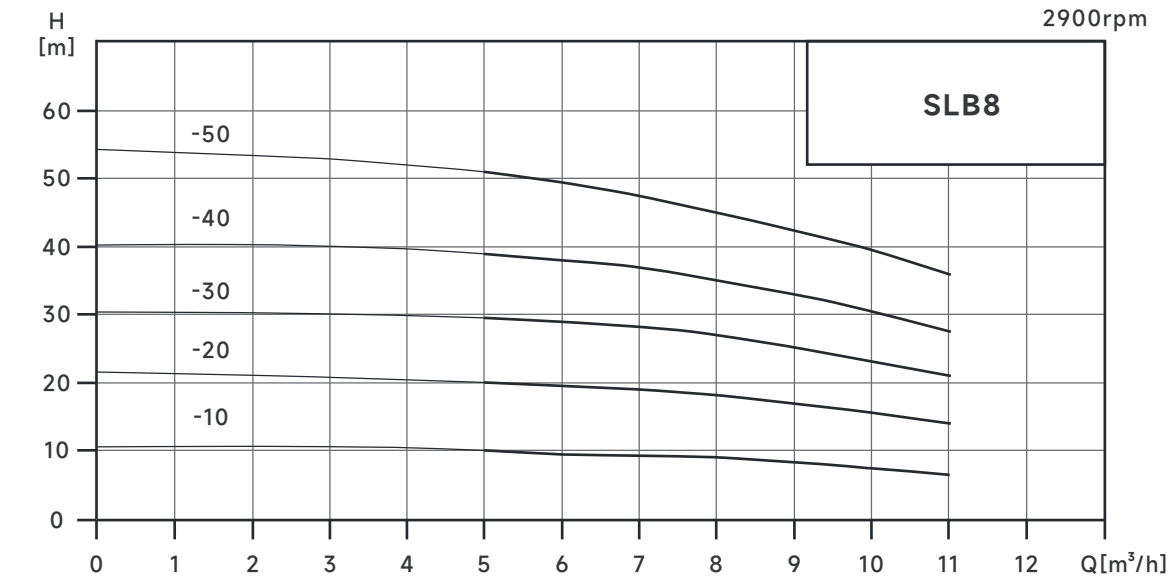
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB4-20	32	25	213	110	400	134	138	188	96	195	136	110
	SLB4-30	32	25	213	110	400	134	138	188	96	195	136	110
	SLB4-40	32	25	213	110	400	134	138	188	96	195	136	110
	SLB4-50	32	25	213	110	425	163	138	188	125	195	136	110
	SLB4-60	32	25	213	110	425	163	138	188	125	195	136	110

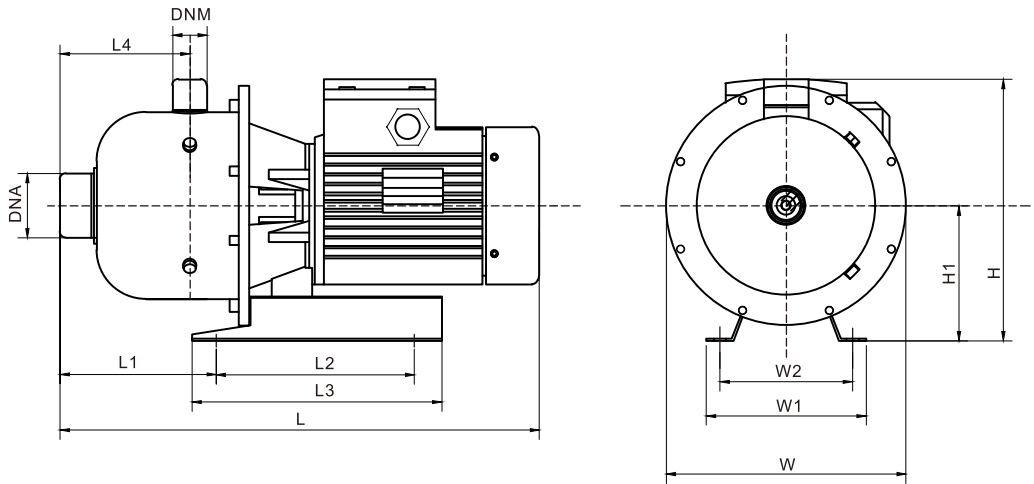
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	5	6	7	8	9	10	11
	(kW)								
SLB8-10	0.75	H (m)	10	9.5	9.3	9	8	7.5	7
SLB8-20	0.75		20	19.5	19	18	17	15.5	14
SLB8-30	1.1		29.5	29	28	27	25	23	21
SLB8-40	1.5		39	38	37	35	33	30.5	27.5
SLB8-50	2.2		51	49.5	47.5	45	42.5	39.5	36

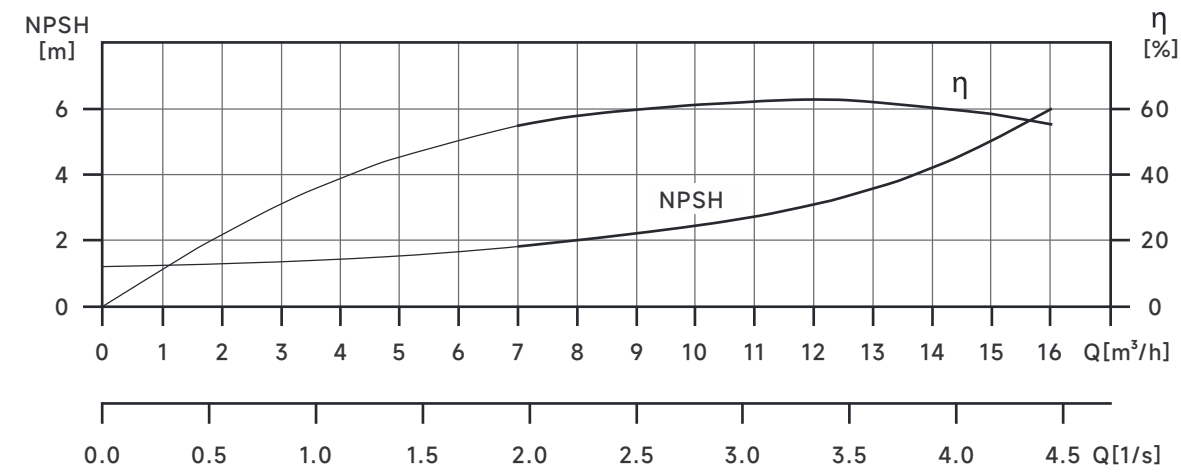
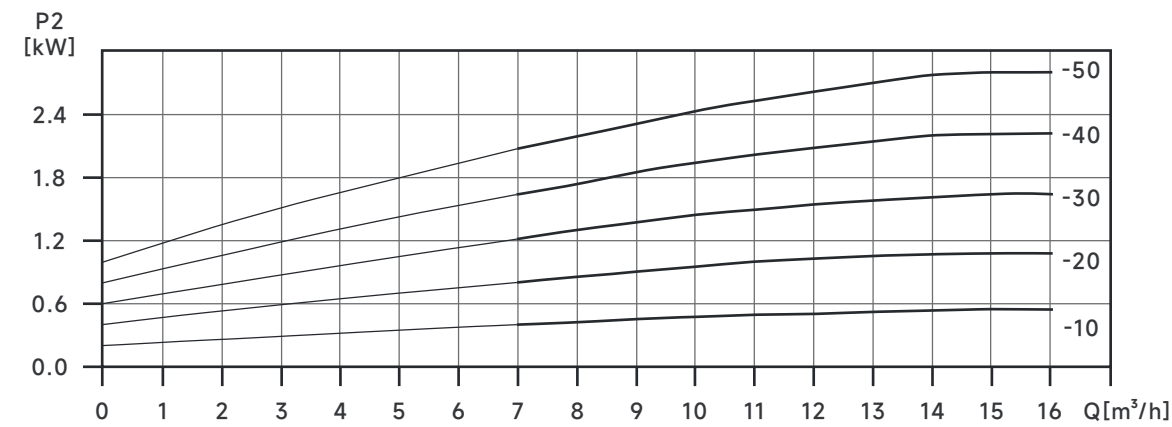
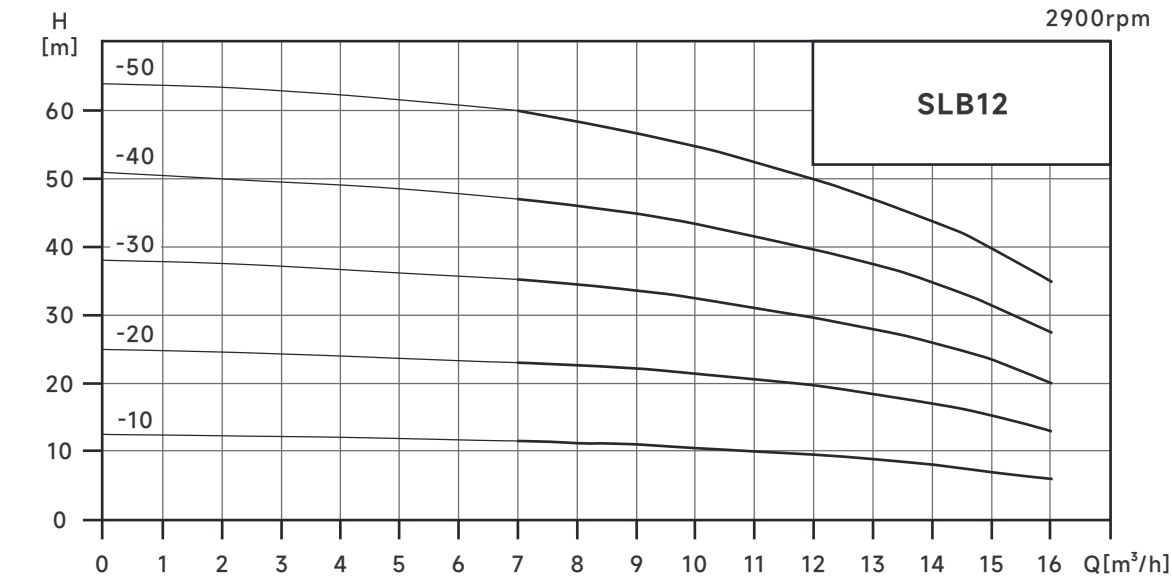
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB8-10	50	50	261	120	491	199	138	188	125	234	136	110
	SLB8-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLB8-30	50	50	261	120	491	199	138	188	125	234	136	110
	SLB8-40	50	50	261	120	536	250	138	188	176	234	136	110
	SLB8-50	50	50	261	120	536	250	138	188	176	234	136	110

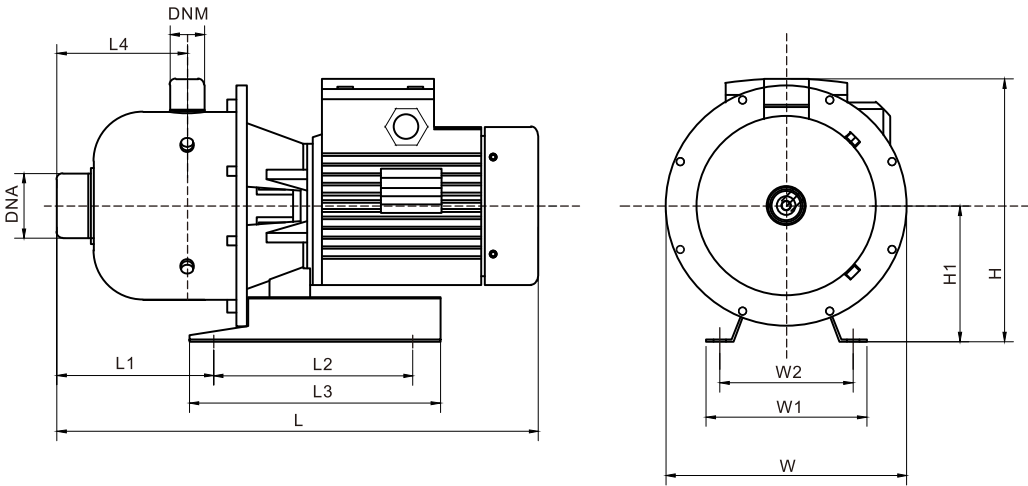
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	7	8	9	10	11	12	13	14	15	16
	(kW)											
SLB12-10	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
SLB12-20	1.2		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
SLB12-30	1.8		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
SLB12-40	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
SLB12-50	3		60	58	56.5	55	52.5	50	47	44	40	35

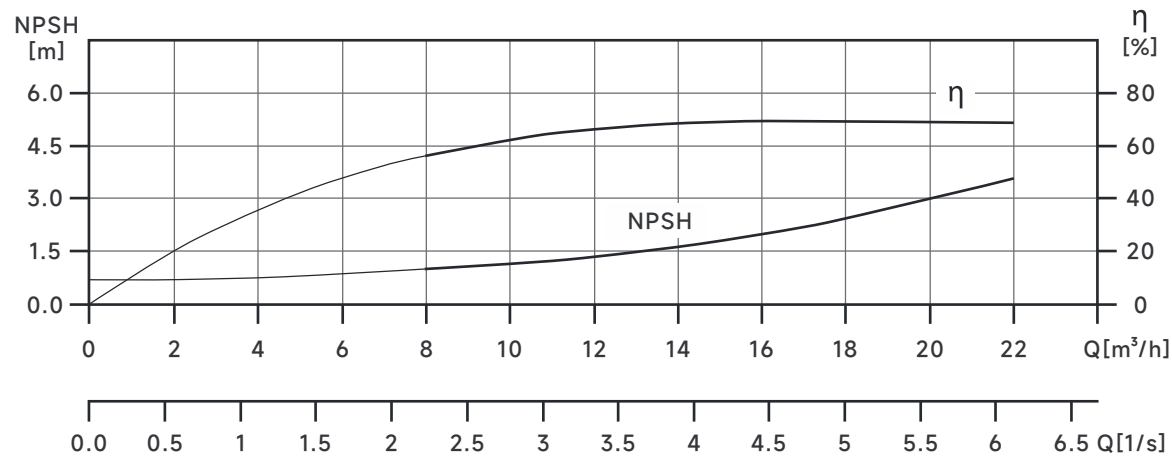
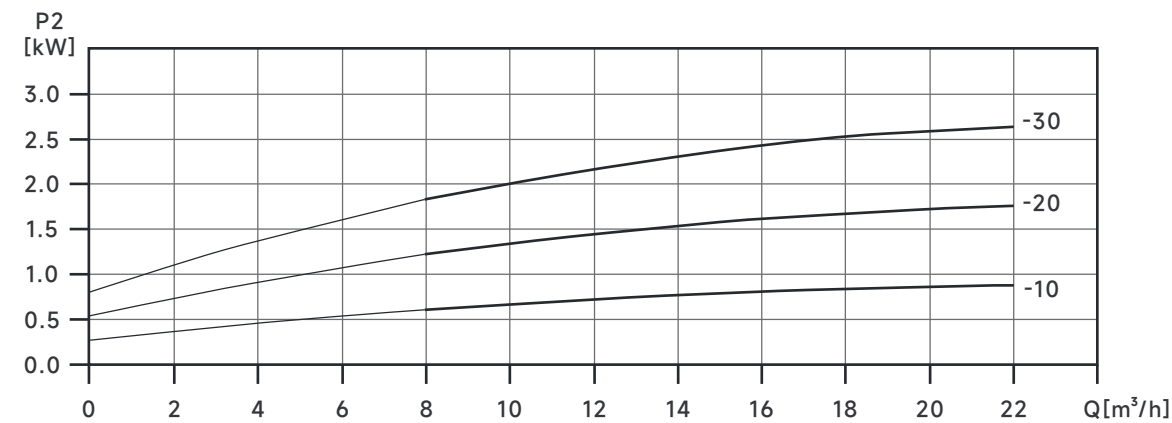
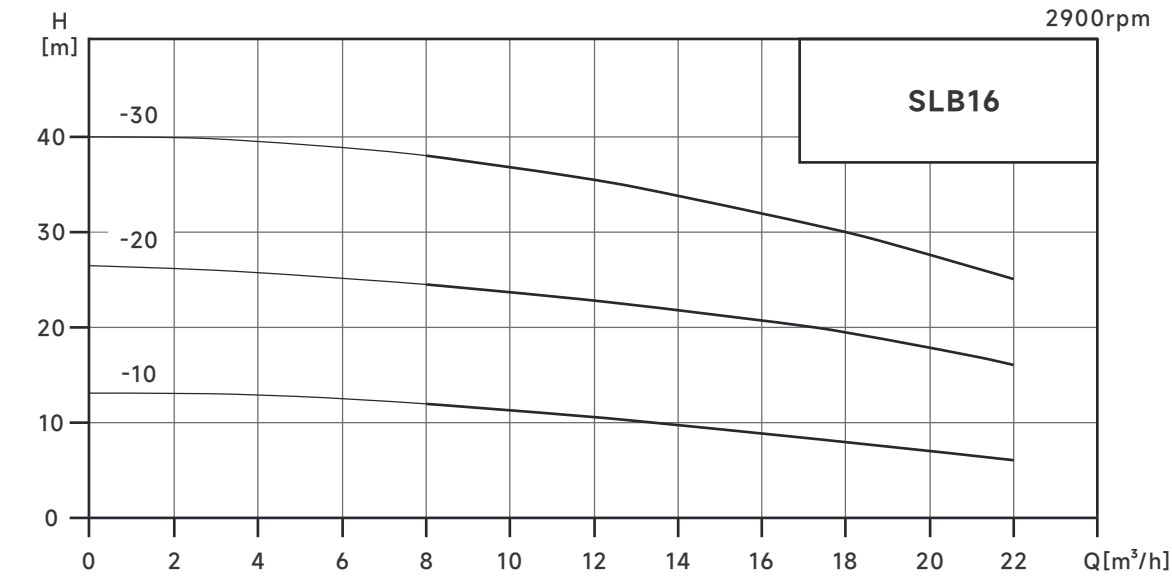
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB12-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLB12-30	50	50	261	120	491	199	138	188	125	234	136	110
	SLB12-40	50	50	261	120	536	250	138	188	176	234	136	110
	SLB12-50	50	50	261	120	536	250	138	188	176	234	136	110

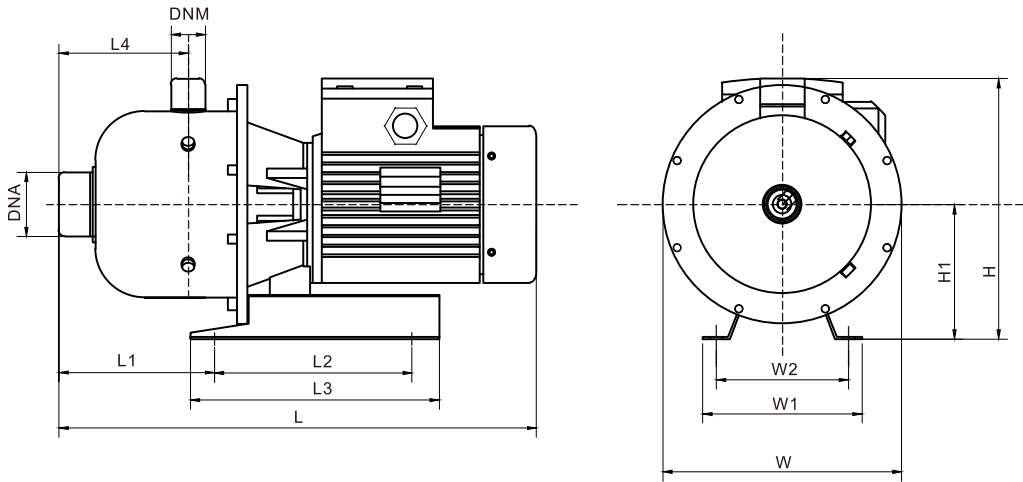
 Performance curve



 Performance Table

Model	Motor	Q (m³/h)	8	10	12	14	16	18	20	22
	(kW)									
SLB16-20	2.2	H (m)	26	25	24	23	22	20	18	15.5
SLB16-30	3.0		40	39	38	36	34	31.5	29	25
SLB16-40	4.0		54	53	52	49	46	45	38	34

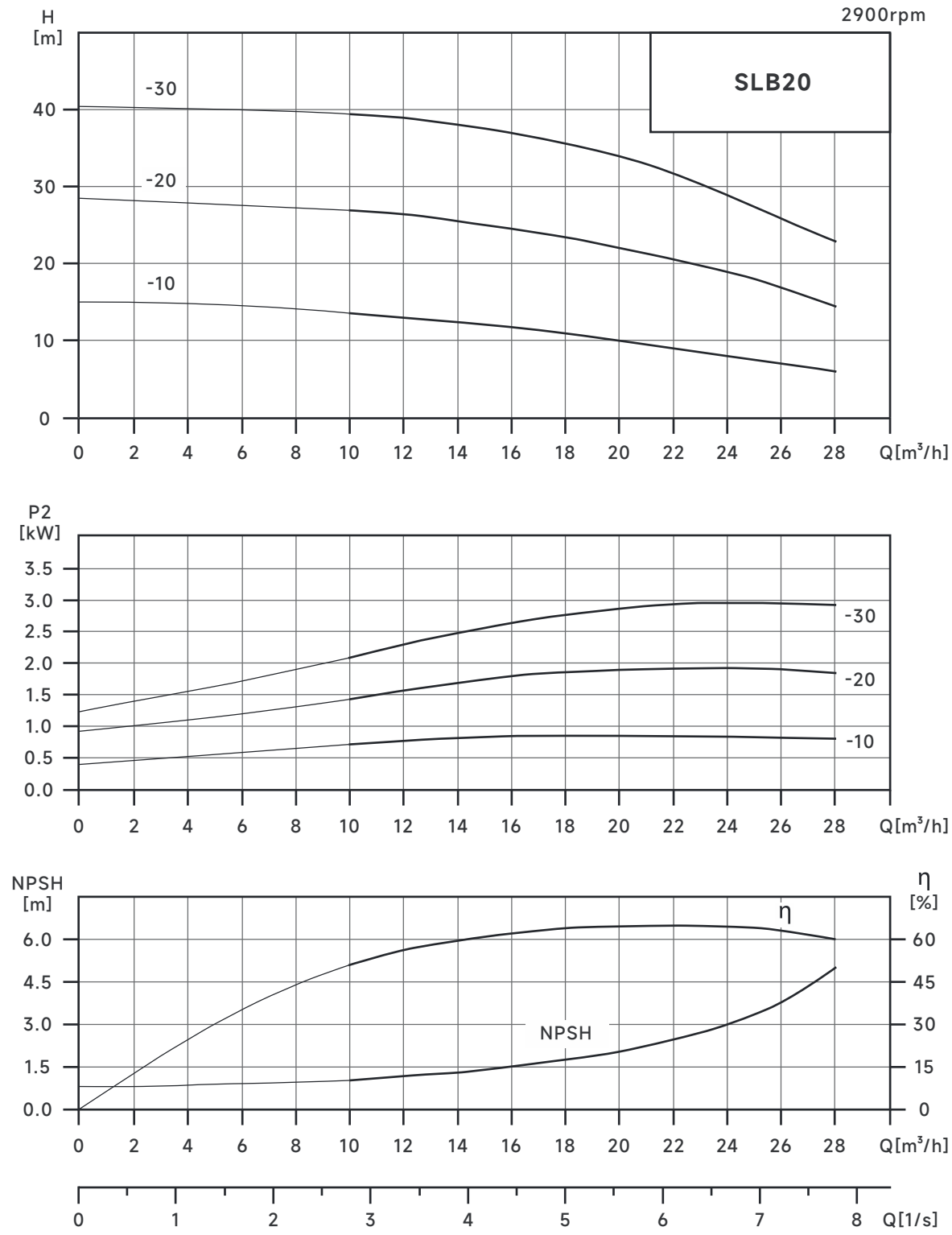
 Installation diagram



 Size and weight

Motor	Model	Size (mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB16-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLB16-30	50	50	271	130	603	250	138	188	125	176	136	110
	SLB16-40	50	50	271	130	603	250	138	188	125	176	136	110

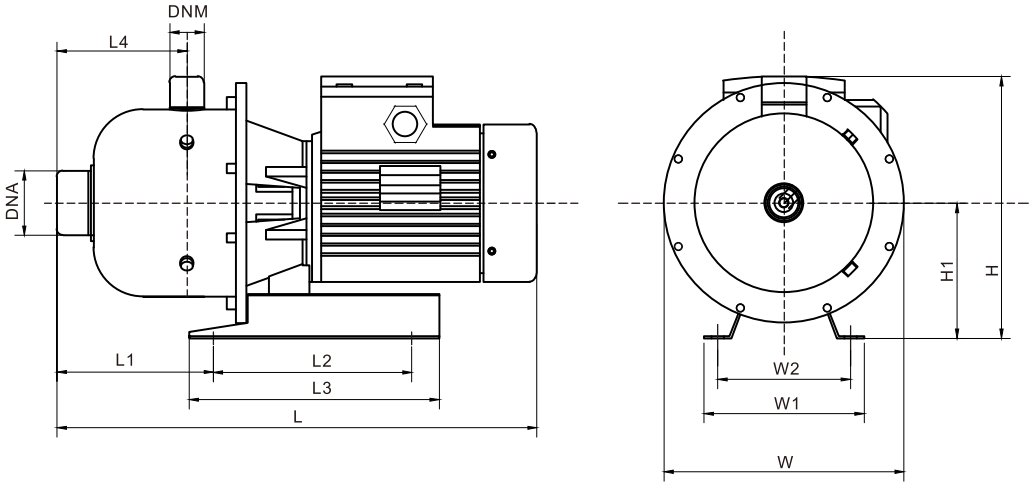
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	10	12	14	16	18	20	22	24	26	28
	(kW)											
SLB20-10	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
SLB20-20	2.2		27	26.5	25.5	25	23.5	22	20.5	18.5	17	14.5
SLB20-30	3		39.5	39	38	37.5	35.5	34	31.5	29	26	23

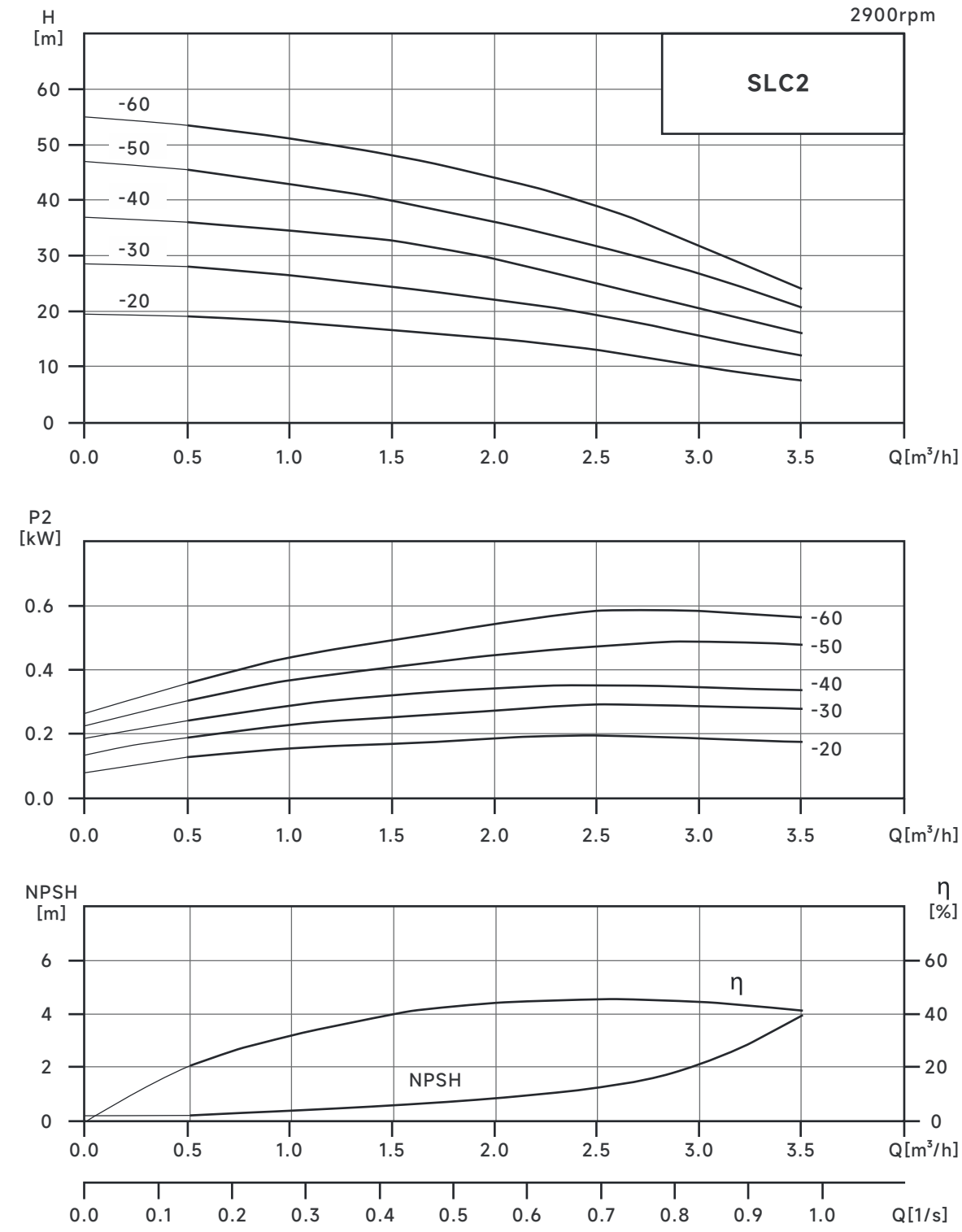
 Installation diagram



 Size and weight

Motor	Model	Size(mm)											
		DNA	DNM	H	H1	L	L1	L2	L3	L4	W	W1	W2
Three-phase / Single-phase	SLB20-10	50	50	261	120	491	199	138	188	125	234	136	110
	SLB20-20	50	50	261	120	491	199	138	188	125	234	136	110
	SLB20-30	50	50	271	130	603	250	138	188	125	176	136	110

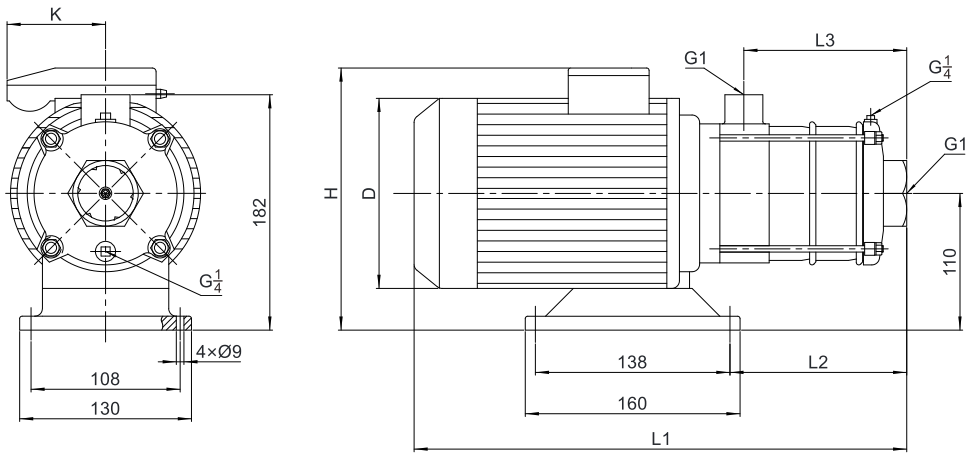
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
	(kW)								
SLC2-20	0.37	H (m)	19	18	16.5	15	13	10	7.5
SLC2-30	0.37		28	26.5	24.5	22	19	15.5	12
SLC2-40	0.55		36	34.5	33	29	25	20.5	16
SLC2-50	0.55		45.5	43	40	36	31.5	26.5	20.5
SLC2-60	0.75		53.5	51	48	44	39	32	24

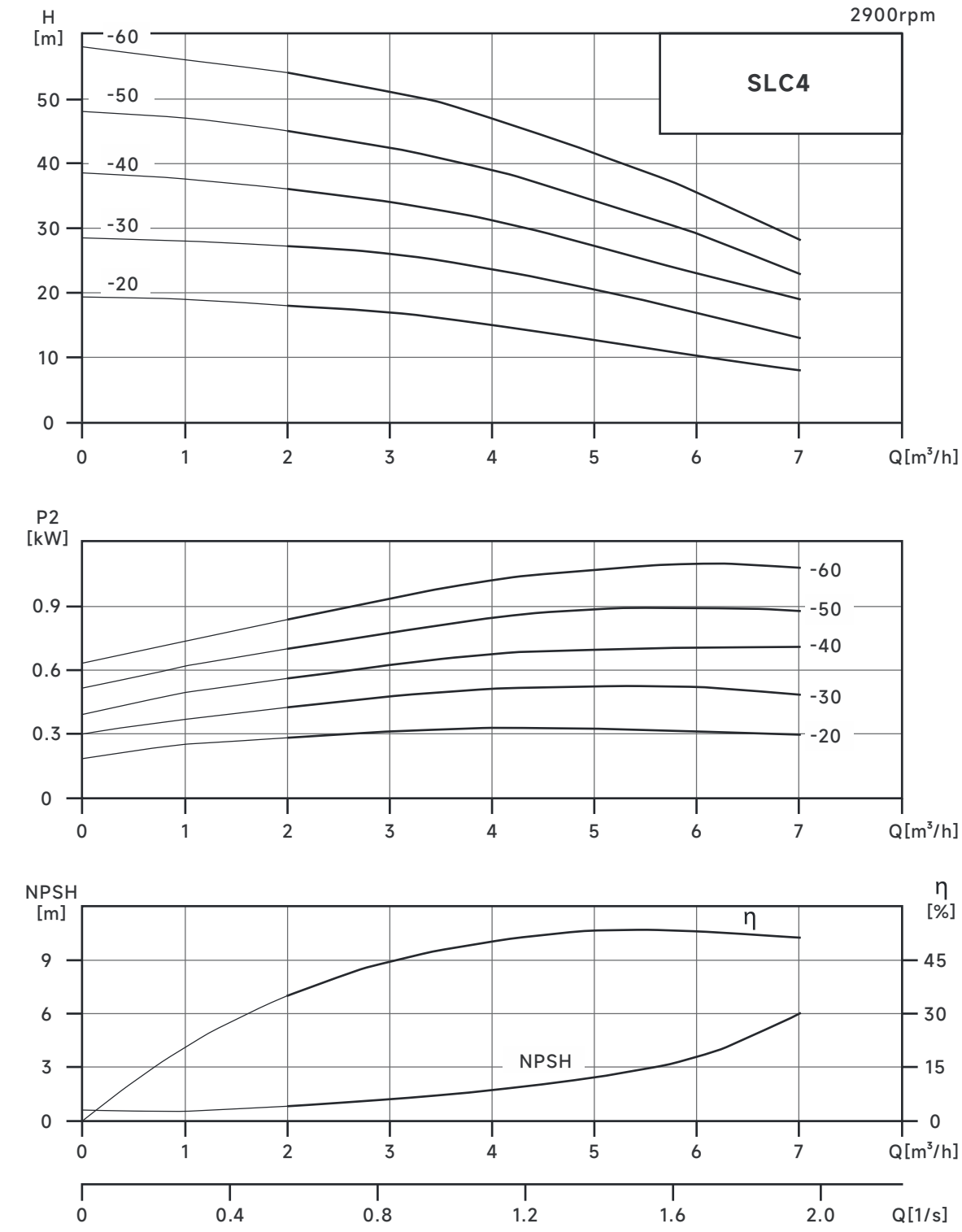
 Installation diagram



 Size and weight

Motor	Model	Size(mm)						Weight (kg)
		L1	L2	L3	D	H	K	
Three-phase / Single-phase	SLC2-20	305	87	84	141	215/230	62	9
	SLC2-30	323	105	102	141	215/230	62	10
	SLC2-40	341	123	120	141	215/230	62	11
	SLC2-50	359	141	138	141	215/230	62	12
	SLC2-60	422	159	156	151/161	225/245	91	15

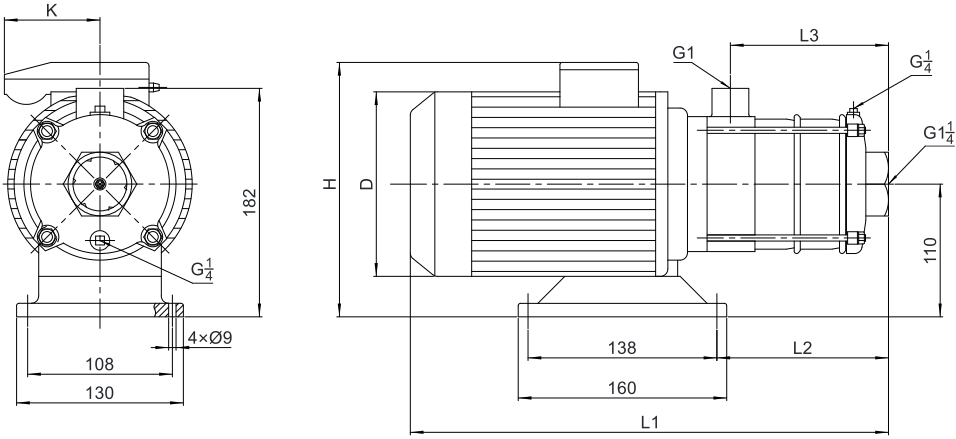
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	1	2	3	4	5	6	7
	(kW)								
SLC4-20	0.37	H (m)	19	18	17	15	12.5	10	8
SLC4-30	0.55		28	27	26	23.5	20.5	17	13
SLC4-40	0.75		37.5	36	34	31	27	23	19
SLC4-50	1.1		47	45	42.5	39	34	29	23
SLC4-60	1.3		56	54	51	47	41.5	35.5	28

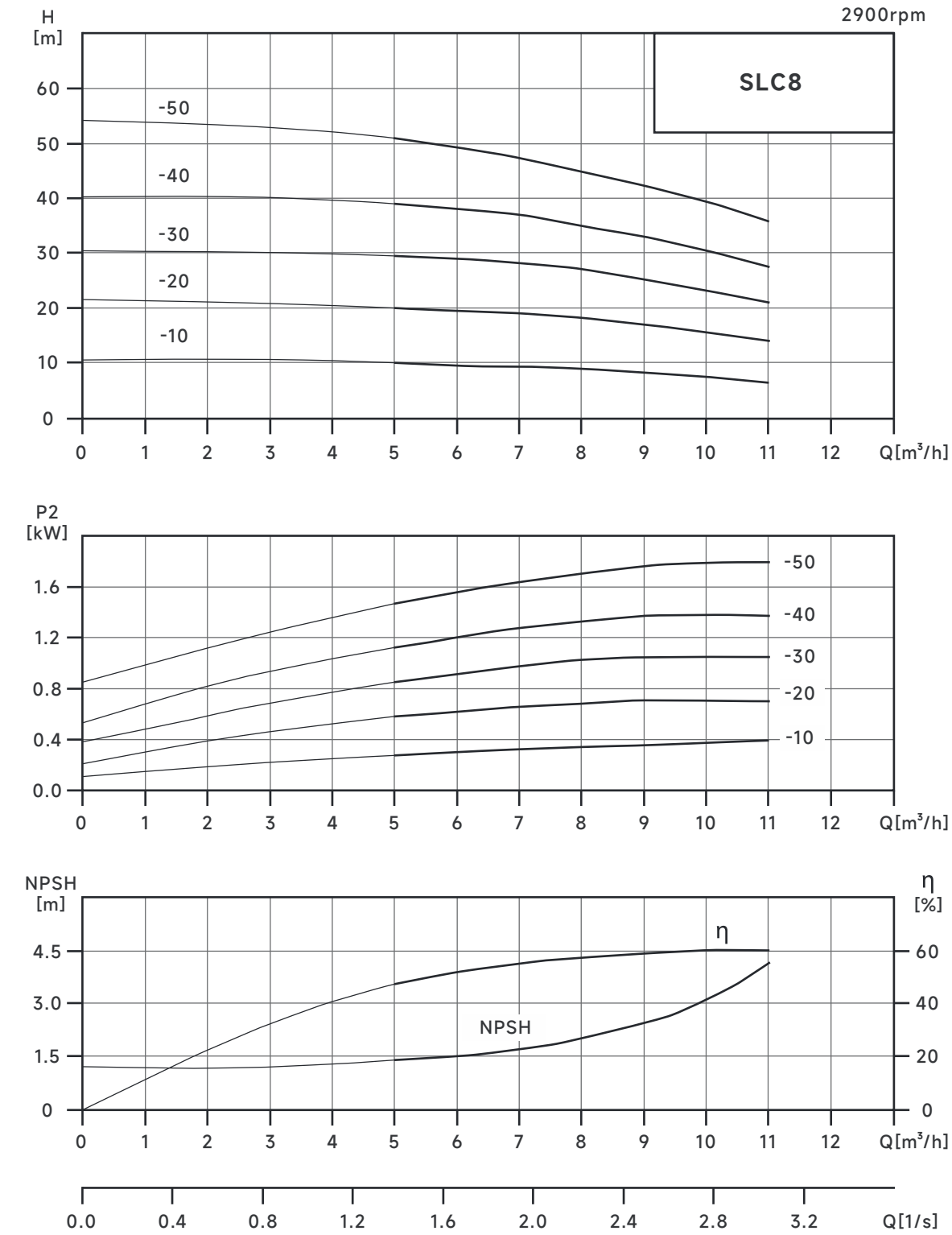
 Installation diagram



 Size and weight

Motor	Model	Size(mm)						Weight (kg)
		L1	L2	L3	D	H	K	
Three-phase / Single-phase	SLC4-20	329	105	102	141	215/230	62	10
	SLC4-30	356	132	129	141	215/230	62	11
	SLC4-40	416	162	156	151/161	225/245	91	14
	SLC4-50	455	188	183	151/161	225/245	91	16
	SLC4-60	482	213	210	151/161	225/245	91	17

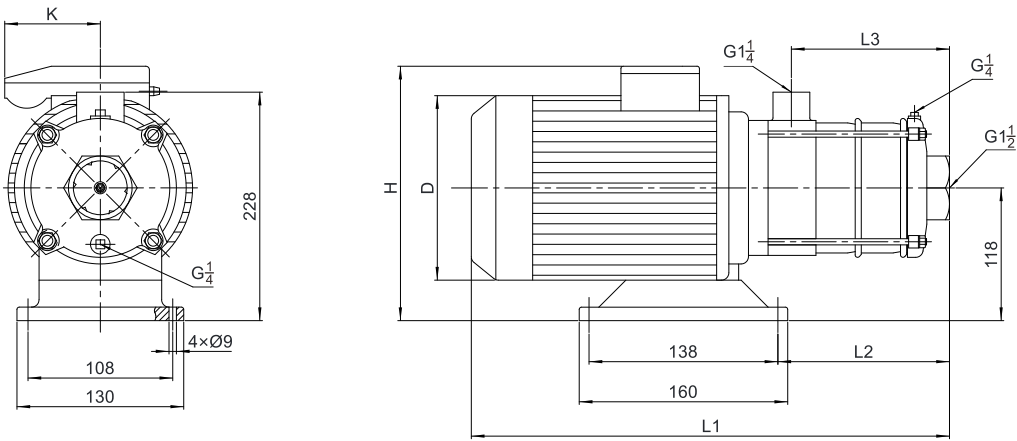
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	5	6	7	8	9	10	11
	(kW)								
SLC8-10	0.75	H (m)	10	9.5	9.3	9	8	7.5	7
SLC8-20	0.75		20	19.5	19	18	17	15.5	14
SLC8-30	1.1		29.5	29	28	27	25	23	21
SLC8-40	1.5		39	38	37	35	33	30.5	27.5
SLC8-50	2.2		51	49.5	47.5	45	42.5	39.5	36

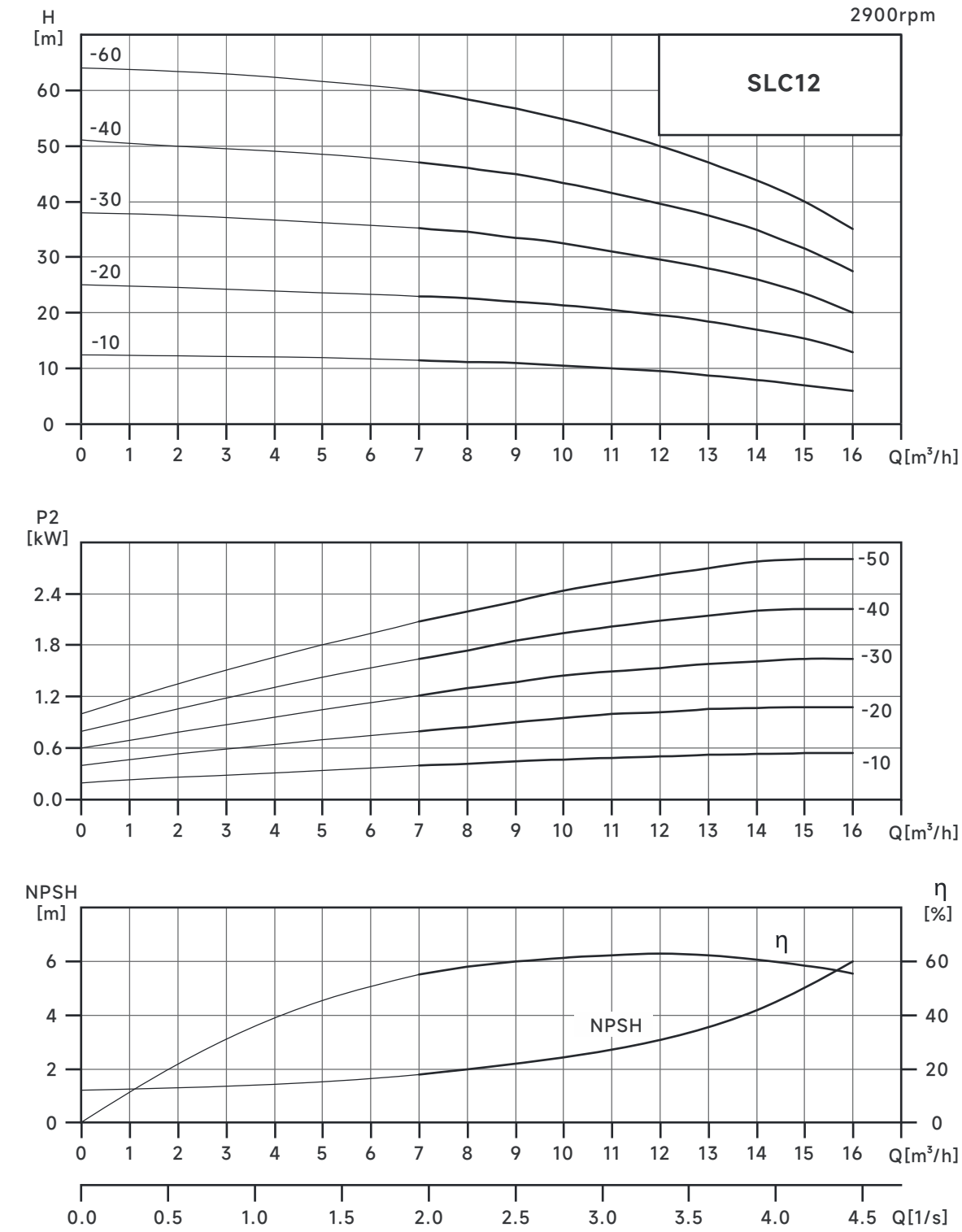
 Installation diagram



 Size and weight

Motor	Model	Size(mm)						Weight (kg)
		L1	L2	L3	D	H	K	
Three-phase / Single-phase	SLC8-10	395	128	108	151/161	230/265	91	17
	SLC8-20	395	128	108	151/161	230/265	91	17
	SLC8-30	425	158	138	151/161	230/265	91	19
	SLC8-40	490	188	168	171/176	240/270	91	22
	SLC8-50	520	218	198	171/176	240/270	91	25

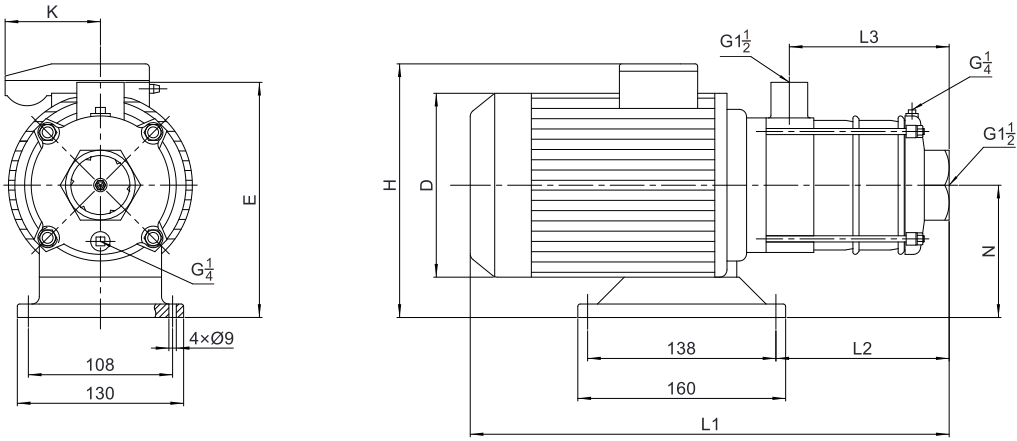
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	7	8	9	10	11	12	13	14	15	16
	(kW)											
SLC12-10	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
SLC12-20	1.2		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
SLC12-30	1.8		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
SLC12-40	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
SLC12-50	3		60	58	56.5	55	52.5	50	47	44	40	35

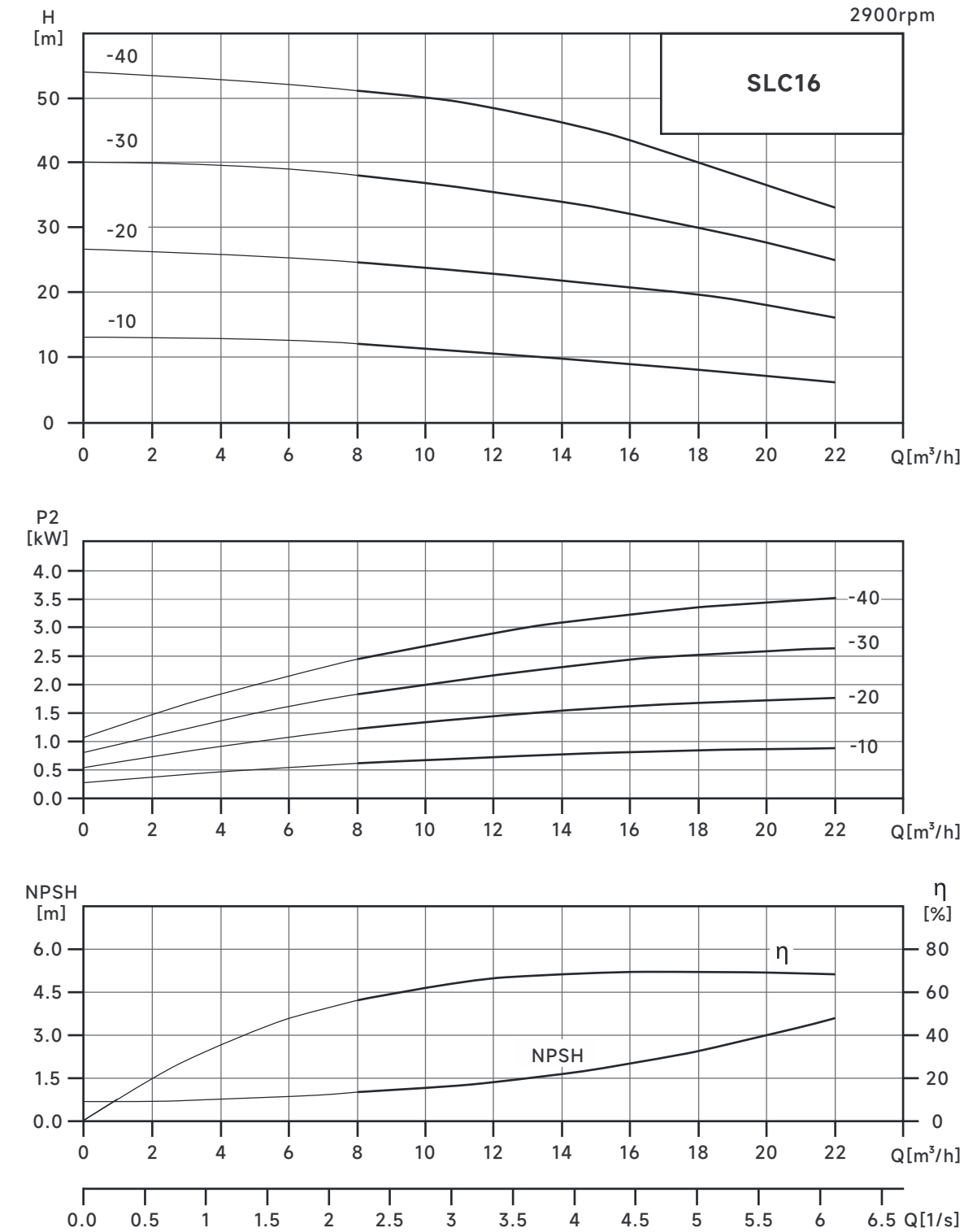
 Installation diagram



 Size and weight

Motor	Model	Size(mm)								Weight (kg)
		L1	L2	L3	E	G	D	H	K	
Three-phase / Single-phase	SLC12-10	375/375	125	108	230/265	151/161	227	117	91	18
	SLC12-20	375/395	125	108	230/265	151/161	227	117	91	19
	SLC12-30	445/456	155	138	240/270	171/176	228	118	91	28
	SLC12-40	475/486	185	168	240/270	171/176	228	118	91	30
	SLC12-50	561	215	198	259	197	238	128	/	36

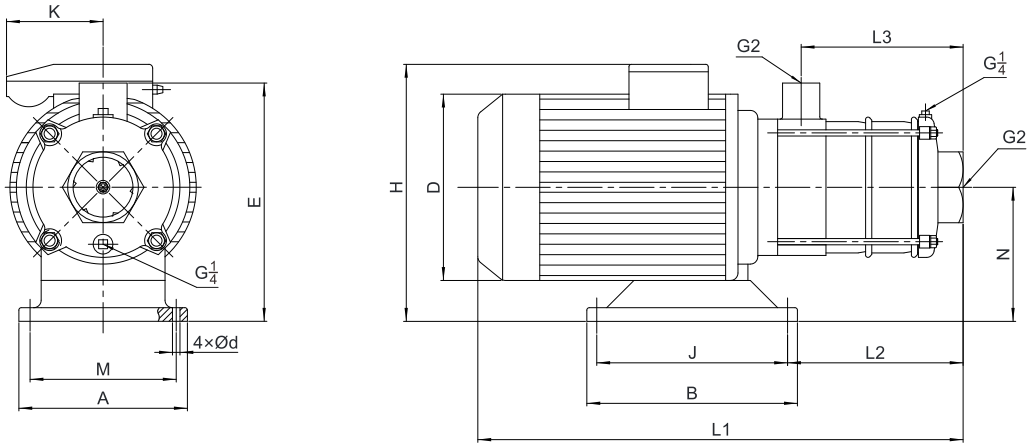
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	8	10	12	14	16	18	20	22
	(kW)									
SLC16-20	2.2	H (m)	26	25	24	23	22	20	18	15.5
SLC16-30	3.0		40	39	38	36	34	31.5	29	25
SLC16-40	4.0		54	53	52	49	46	45	38	34

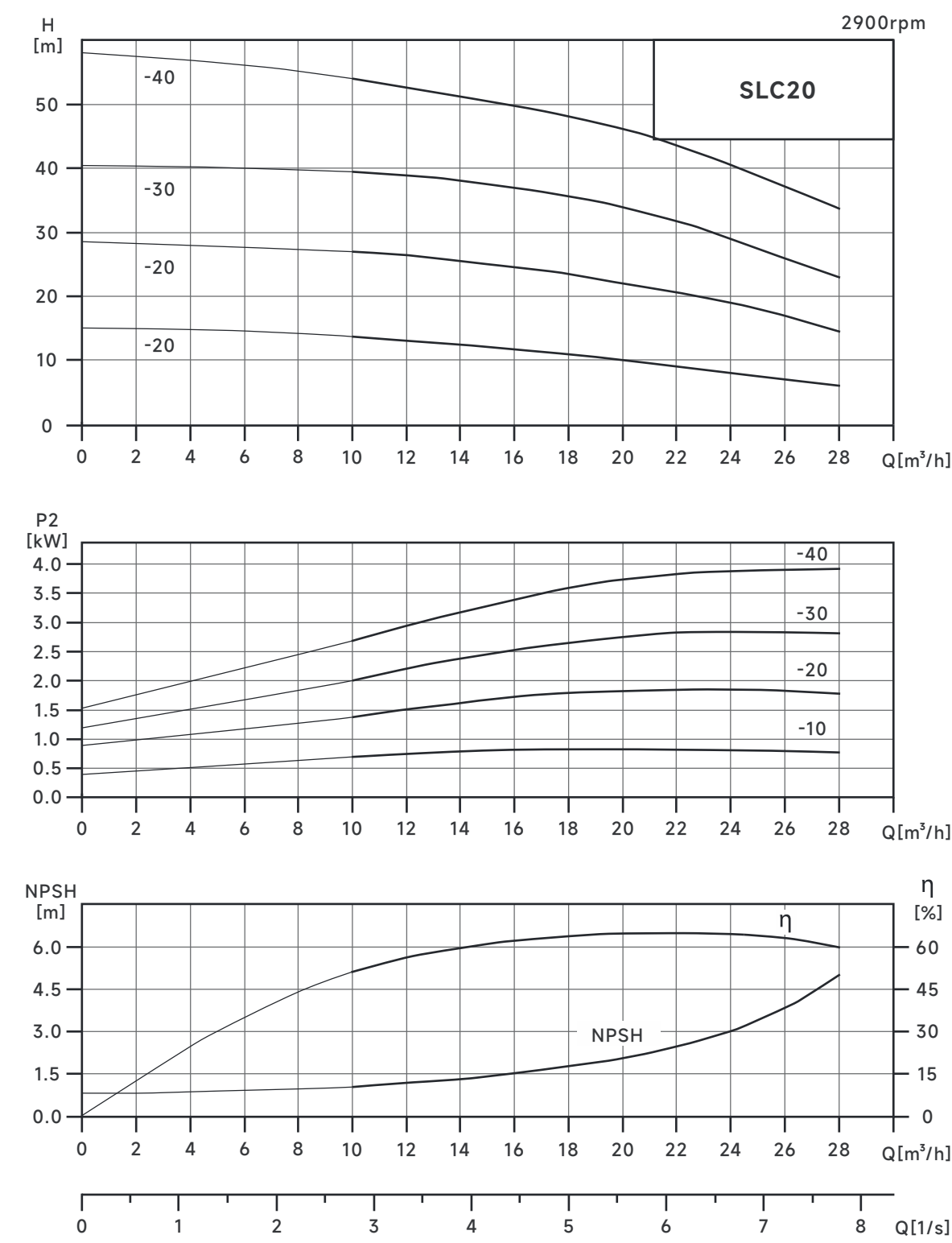
 Installation diagram



 Size and weight

Motor	Model	Size(mm)													Weight
		L1	L2	L3	H	D	E	N	A	M	B	J	d	k	(kg)
Three-phase / Single-phase	SLC16-20	440/451	150	126	240/270	171/176	228	118	130	108	160	138	9	91	27
	SLC16-30	544	195	171	259	197	238	128	130	108	160	138	9	/	34
	SLC16-40	595	336	216	270	213	230	120	221	190	170	140	12	/	41

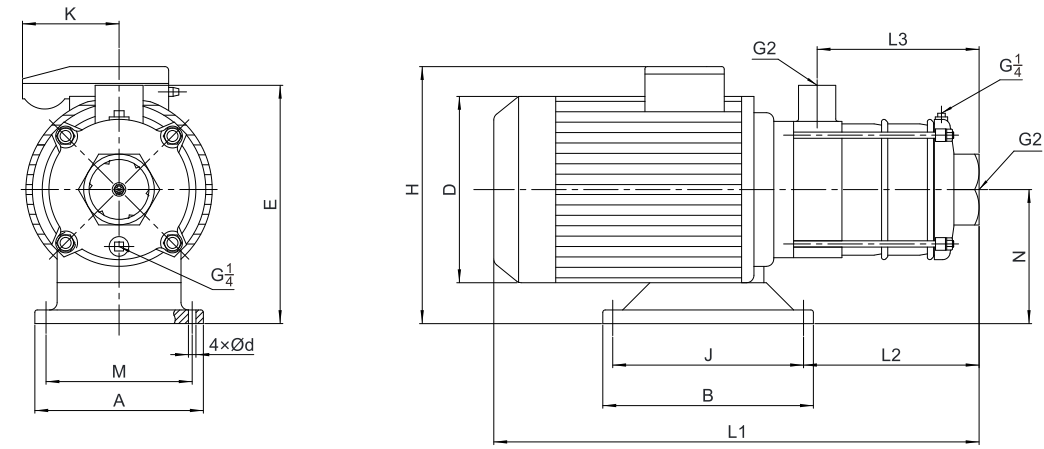
 Performance curve



 Performance Table

Model	Motor	Q(m³/h)	10	12	14	16	18	20	22	24	26	28
	(kW)											
SLC20-10	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
SLC20-20	2.2		27	26.5	25.5	25	23.5	22	20.5	18.5	17	14.5
SLC20-30	3		39.5	39	38	37.5	35.5	34	31.5	29	26	23

 Installation diagram



 Size and weight

Motor	Model	Size(mm)													Weight
		L1	L2	L3	H	D	E	N	A	M	B	J	d	k	(kg)
Three-phase / Single-phase	SLC20-10	400/420	150	126	230/265	151/161	227	117	130	108	160	138	9	91	19
	SLC20-20	440/451	150	126	240/270	171/176	228	118	130	108	160	138	9	91	27
	SLC20-30	547	291	171	270	213	230	120	221	190	170	140	12	/	40

SVA Series

Stainless Steel Multi-stage Centrifugal Pump



SKOYOD®

Product Overview

Main purpose:

SVA is a versatile product that can convey various different media ranging from tap water to industrial liquids. It is suitable for different temperature, flow and pressure ranges. SVA is applicable to non-corrosive liquids.

- Water supply: Water treatment and transportation at the water plant, water distribution in different zones, booster pumping at the main pipe, and booster pumping for high-rise buildings.
- Industrial pressurization: Process water system, cleaning system, high-pressure flushing system, fire protection system.
- Industrial liquid transportation: Cooling and air conditioning systems, boiler feedwater and condensation systems, machine tool accessories, acids and alkalis.
- Water treatment: Ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool.
- Irrigation: Field irrigation, sprinkler irrigation, drip irrigation.

Pump:

SVA is a non-suction vertical multi-stage centrifugal pump equipped with standard motors. The motor shaft is directly connected to the pump shaft through the pump head using a coupling. The pull rod bolts fix the pressure-resistant cylinder and flow components between the pump head and the inlet and outlet sections. The inlet and outlet of the pump are on the same straight line at the pump base. This pump can be equipped with an intelligent protector according to needs, which can effectively protect the pump from dry running, phase loss, overload, etc.

Operating conditions:

- A thin, clean, non-flammable and non-explosive liquid that does not contain solid particles or fibers.
- Liquid temperature: Normal temperature type -15°C to +70°C
- Hot water type - from -15°C to +120°C
- Environmental temperature: Maximum +40°C
- Altitude: Maximum 1000 meters

Motor:

- The motor is a fully enclosed, air-cooled, second-level standard motor.
- Protection level: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1x220-230/240V
3x200-220/346-380V
3x220-240/380-415V
3x380-415V

Performance curve:

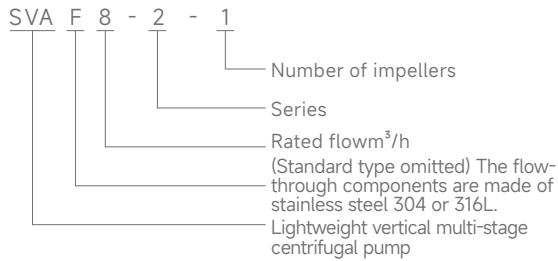
The following conditions apply to the performance curve shown later.

All the curves are based on the measured values of the motor at a constant speed of 2900 rpm or 2950 rpm.

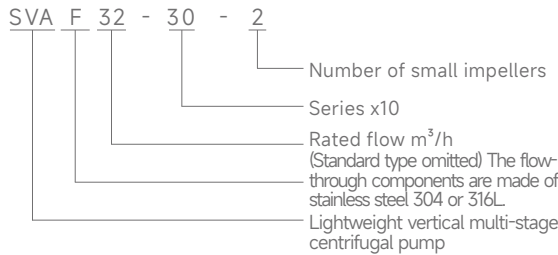
- The curve tolerance complies with ISO9906:2012, grade 3B.
- The test used 20°C water devoid of air, with a kinematic viscosity of 1mm²/s.
- The use of the pump should be within the performance range indicated by the bolded curve to prevent overheating due to insufficient flow and motor overload caused by excessive flow.

Model Description:

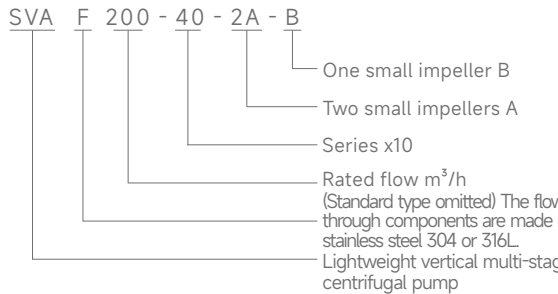
SVA/F1,2,3,4,8,12,16,20



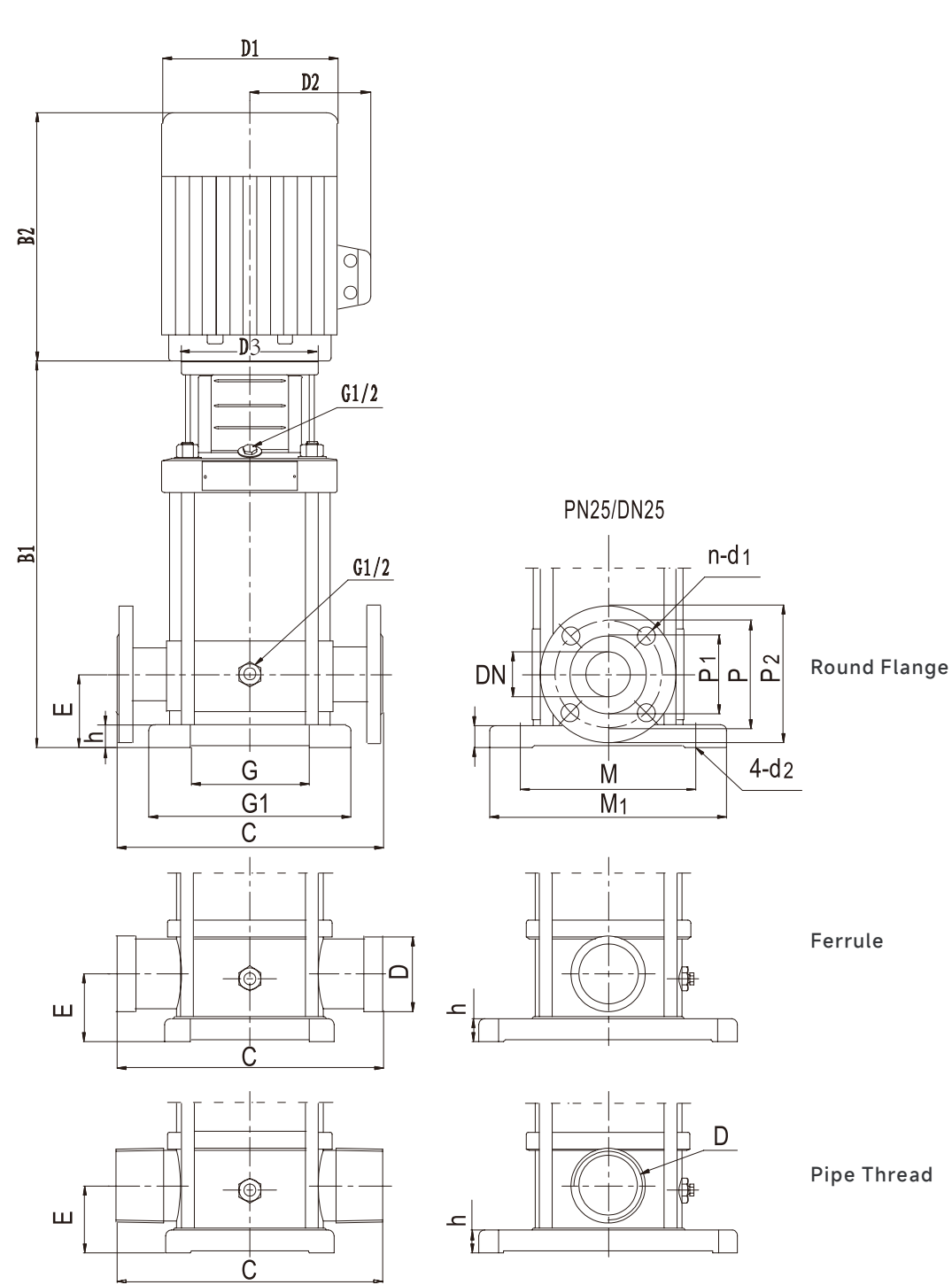
SVA32,42,65,85,120,150



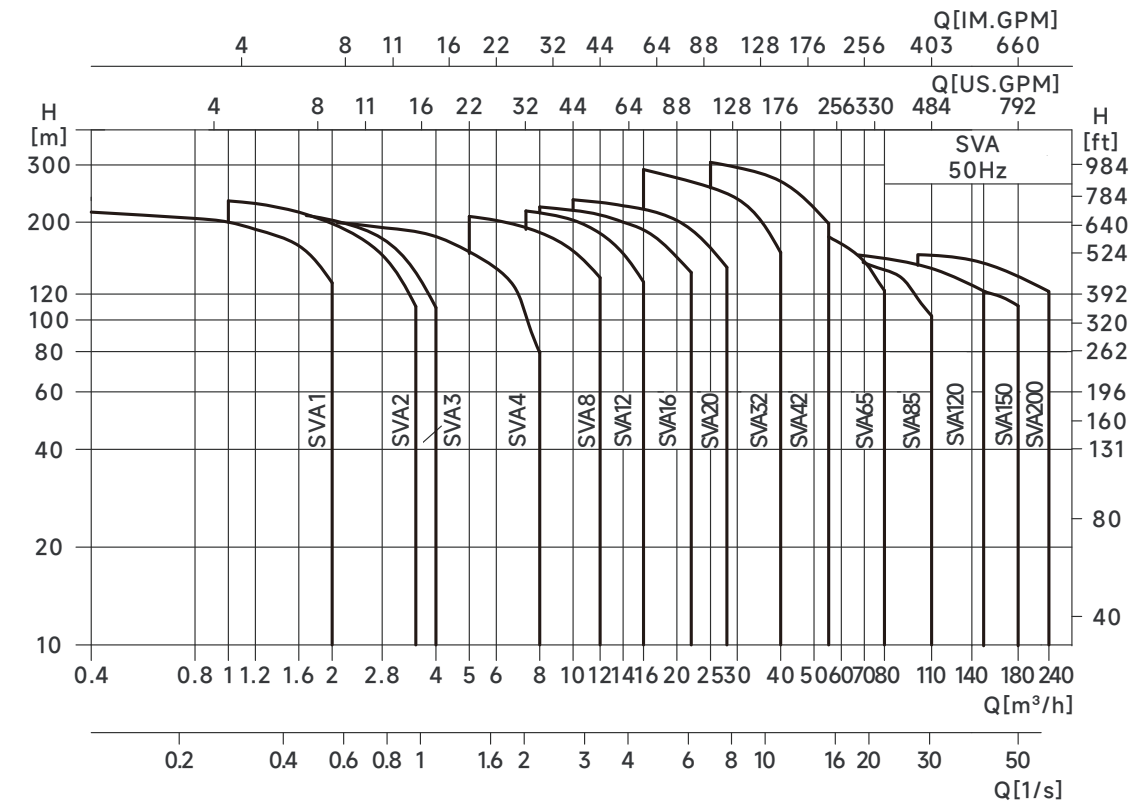
SVA200



Installation dimensions



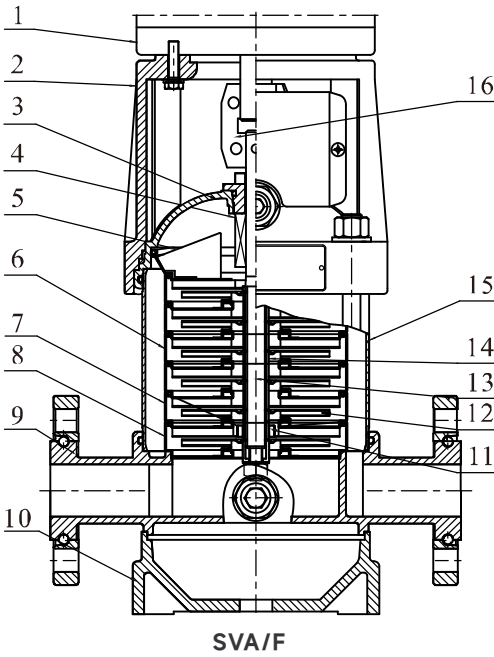
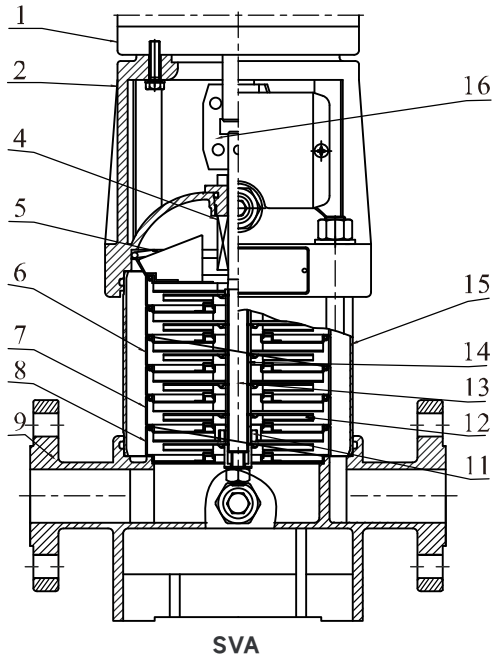
Performance range



Product range

	SVA1	SVA2	SVA3	SVA4	SVA8	SVA12	SVA16	SVA20	SVA32	SVA42	SVA65	SVA85	SVA120	SVA150	SVA200
Rated flow[m³/h]	1	2	3	4	8	12	16	20	32	42	65	85	120	150	200
Rated flow[l/s]	0.28	0.56	0.83	1.1	2.2	3.3	4.4	5.6	8.9	11.7	18	24	33	41.6	55.6
Flow range[m³/h]	0.4-2	1-3.5	1.2-4	1.5-7	5-12	7-16	8-22	10-28	16-40	25-55	30-80	50-110	60-150	80-180	100-240
Flow range[l/s]	0.11-0.56	0.28-0.97	0.33-1.1	0.42-1.9	1.4-3.3	1.9-4.4	2.2-6.1	2.8-7.8	4.4-11.1	6.9-15.3	8.3-22.2	13.8-30.5	16.7-41.7	22-50	27.8-66.7
Max. pressure[bar]	21	23	22	21	21	22	22	23	29	30	22	17	16	16	16
Motor power[kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.75-7.5	1.5-1.1	2.2-1.5	1.1-18.5	1.5-30	3.0-45	4.0-4.5	5.5-4.5	11-75	11-75	18.5-110
Temperature range[°C]	-15~+120														
Maxi. efficiency[%]	44	46	54	57	62	63	66	69	73	75	76	77	74	73	79
Type															
SVA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SVA Pipeline connection															
DIN France	DN25	DN25	DN25	DN32	DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Waist-shaped flange	G1	G1	G1	G1¼	G1½										

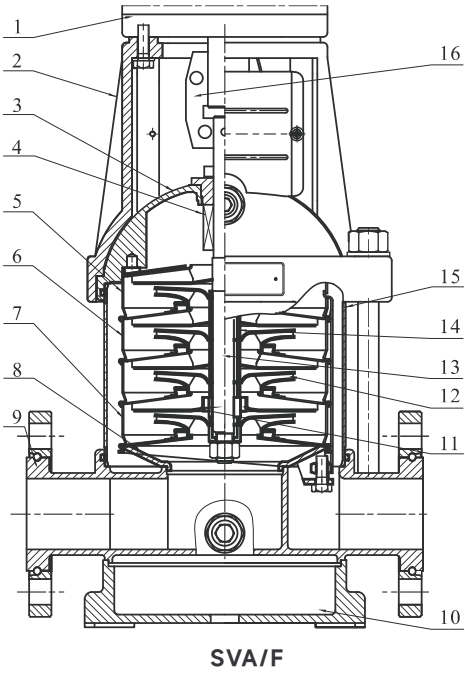
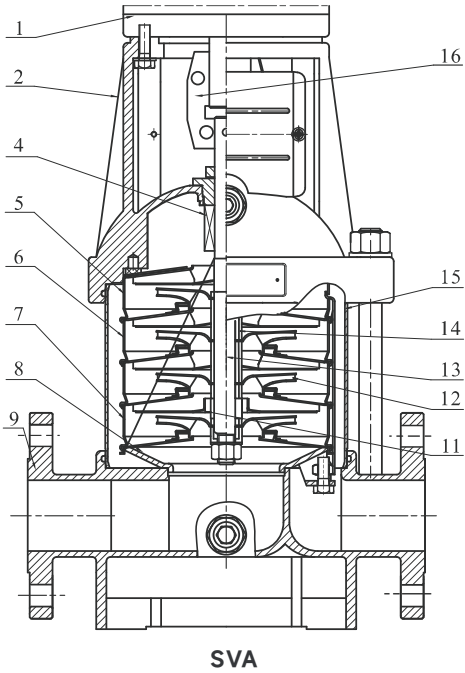
 Product structure



Model: SVA, SVA/F1, 2, 3, 4, 5

NO.	Name	Materials	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal		
5	Outlet guide vanes	Stainless steel	AISI304
6	Guide vane	Stainless steel	AISI304
7	Supporting guide vanes	Stainless steel	AISI304
8	Diversion device	Stainless steel	AISI304
11	Bearings	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Axis	Stainless steel	AISI304 AISI316L
14	Impeller sleeve	Stainless steel	AISI304
15	Pressure-resistant cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	
SVA/F			
3	Pump head liner	Stainless steel	AISI304
9	Inlet and Outlet Sections	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
SVA			
9	Inlet and Outlet Sections	Cast iron	ASTM25B

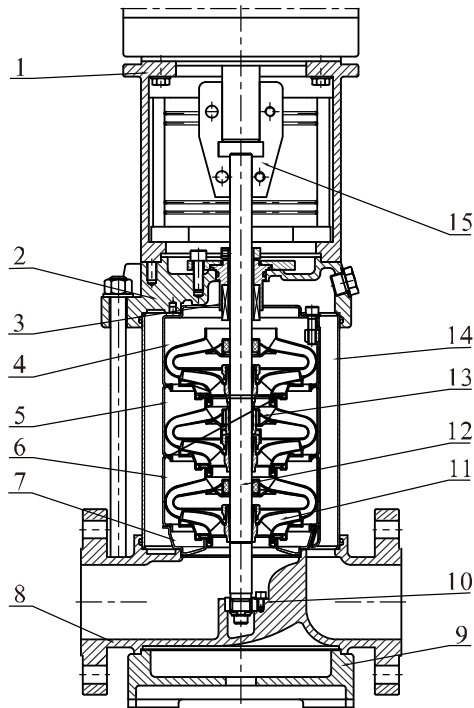
 Product structure



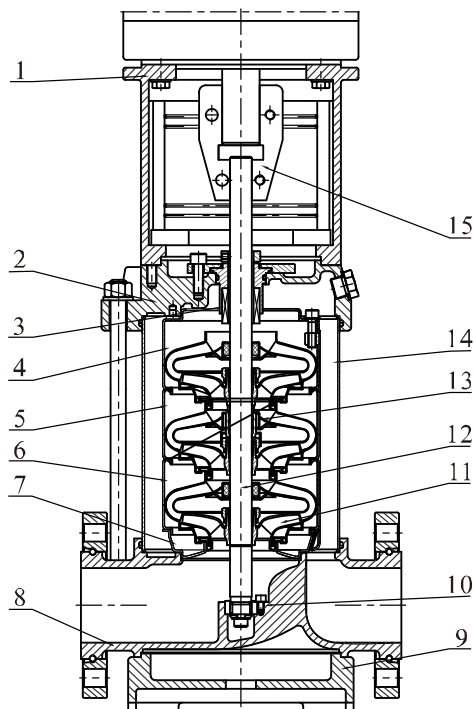
Model: SVA, SVA/F8, 10, 12, 15, 16, 20

NO.	Name	Materials	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal		
5	Outlet guide vanes	Stainless steel	AISI304
6	Guide vanes	Stainless steel	AISI304
7	Supporting guide vanes	Stainless steel	AISI304
8	Diversion device	Stainless steel	AISI304
11	Bearings	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Axis	Stainless steel	AISI304 AISI316L
14	Impeller sleeve	Stainless steel	AISI304
15	Pressure-resistant cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	
SVA/F			
3	Pump head liner	Stainless steel	AISI304
9	Inlet and Outlet Sections	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
SVA			
9	Inlet and Outlet Sections	Cast iron	ASTM25B

Product structure



SVA

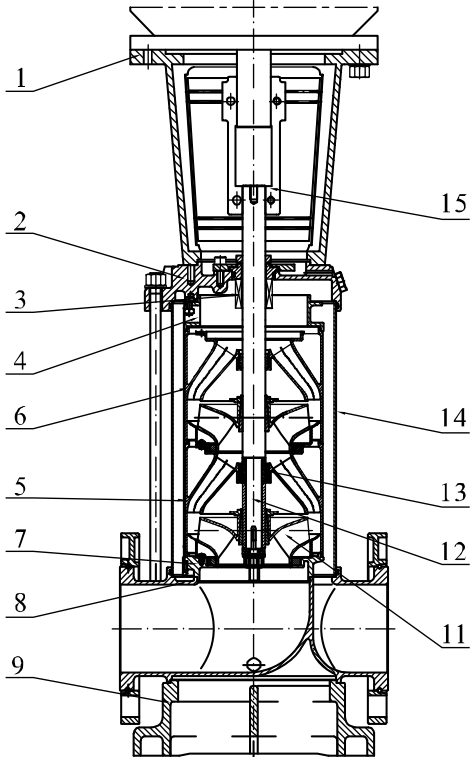


SVA/F

Model: SVA、SVA/F32、42、65、85

NO.	Name	Materials	AISI/ASTM
1	Supporting frame	Cast iron	ASTM25B
3	Mechanical seal		
4	Outlet guide vanes	Stainless steel	AISI304
5	Supporting guide vanes	Stainless steel	AISI304
6	Supporting guide vanes	Stainless steel	AISI304
7	Diversion device	Stainless steel	AISI304
9	Base	Cast iron	ASTM25B
10	Lower bearing	Tungsten carbide	
11	Impeller	Stainless steel	AISI304
12	Axis	Stainless steel	AISI316L AISI304 AISI1431
13	Inner shaft sleeve	Tungsten carbide	
14	Pressure-resistant cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	
SVA			
2	Pump head	Cast iron	ASTM25B
8	Inlet and Outlet Sections	Cast iron	ASTM25B
SVA/F			
2	Pump headv	Stainless steel	AISI304
8	Inlet and Outlet Sections	Stainless steel	AISI304

Product structure



Model: SVA、SVA/F120、150、200

NO.	Name	Materials	AISI/ASTM
1	Supporting frame	Cast iron	ASTM25B
3	Mechanical seal		
4	Surface water	Stainless steel	AISI304
5	Supporting guide vanes	Stainless steel	AISI304
6	Guide vane	Stainless steel	AISI304
7	Diversion device	Stainless steel	AISI304
9	Base	Cast iron	ASTM80-55-06
11	Impeller	Stainless steel	AISI304
12	Axis	Stainless steel	AISI304
13	Axial sleeve	Tungsten carbide	
14	Pressure-resistant cylinder	Stainless steel	AISI304
15	Coupling	Carbon Mace	
	Rubber parts	NBR	
SVA			
2	Pump head	Cast iron	ASTM80-55-06
8	Inlet and Outlet Sections	Cast iron	ASTM80-55-06
SVA/F			
2	Pump head	Stainless steel	AISI304
8	Inlet and Outlet Sections	Stainless steel	AISI304

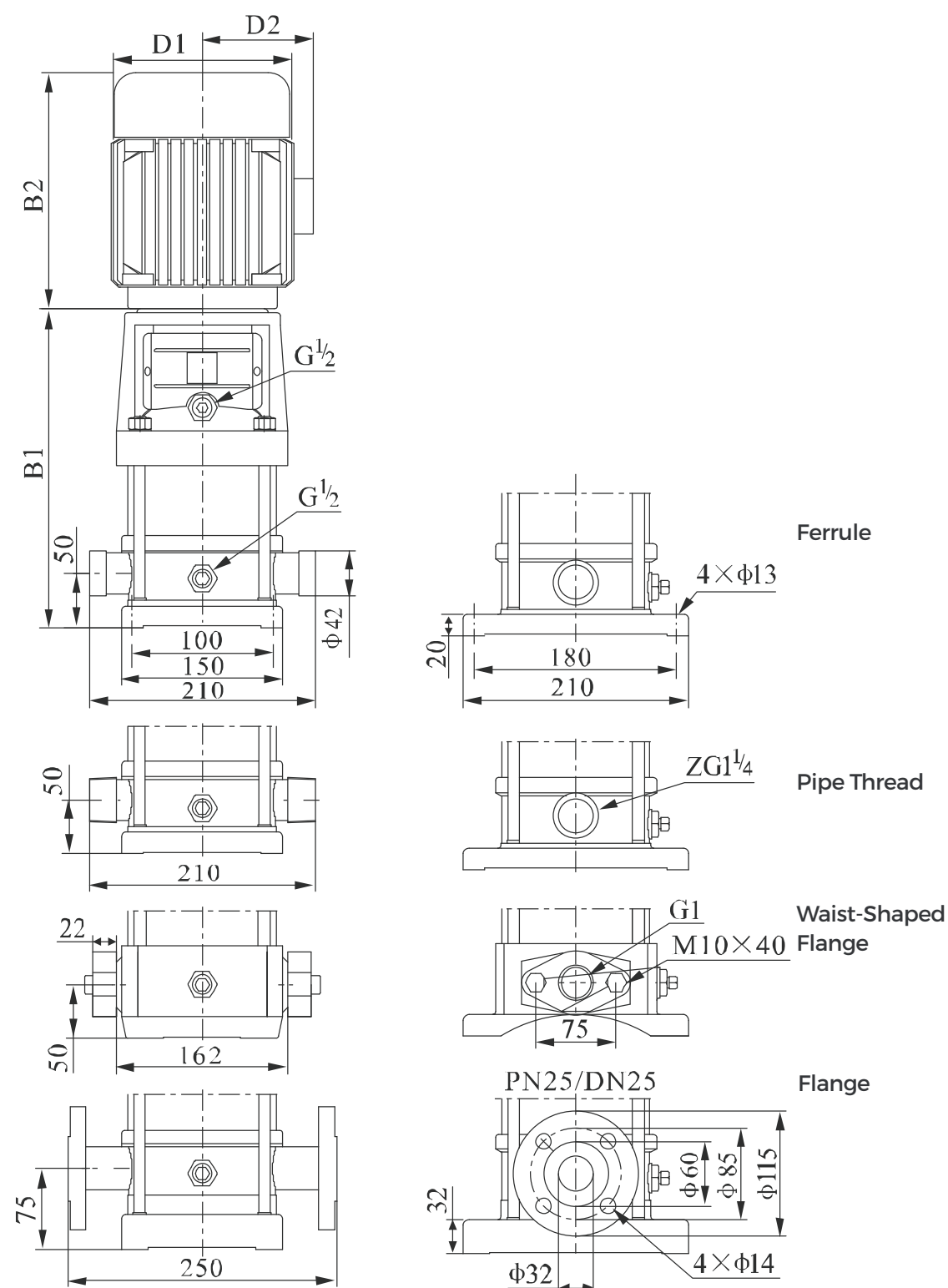
Performance Table

Model	Motor (kW)	Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
SVA1-2	0.37	H (m)	13	12.5	12	11.5	11	10.5	10	9.5	9
SVA1-3	0.37		19	18	17.5	17	16.5	16	15	14	12
SVA1-4	0.37		24	23.5	23	22.5	21.5	21	19	18	16
SVA1-5	0.37		30	29.6	29	28	27	26	24	22	20
SVA1-6	0.37		36	35.5	35	33.5	33	31	28	26	23
SVA1-7	0.37		42	41	40.5	39	38	36	33	30	27
SVA1-8	0.55		48	47	46	45	43	41	38	34	30
SVA1-9	0.55		54	53	52	51	49	46	43	39	33
SVA1-10	0.55		60	59	58	57	54	51	48	43	36
SVA1-11	0.55		66	65	63	61	59	56	52	47	40
SVA1-12	0.75		72	71	69	67	64	61	57	51	44
SVA1-13	0.75		78	77	75	73	69	66	62	55	47
SVA1-15	0.75		89	88	86	84	79	76	71	63	55
SVA1-17	1.1		101	99	97	95	89	86	80	71	62
SVA1-19	1.1		113	110	108	106	99	96	89	79	69
SVA1-21	1.1		124	122	120	117	110	106	98	87	75
SVA1-23	1.1		137	133	131	128	121	116	107	96	82
SVA1-25	1.5		149	145	143	139	131	126	116	104	89
SVA1-27	1.5	161	157	155	150	141	136	125	112	95	
SVA1-30	1.5	178	175	171	166	157	150	139	124	106	
SVA1-33	2.2	196	192	188	183	173	165	154	137	118	
SVA1-36	2.2	214	210	205	200	190	181	169	151	130	

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA1-2	258	225	483	148	117	20
SVA1-3	276	225	501	148	117	20
SVA1-4	294	225	519	148	117	21
SVA1-5	312	225	537	148	117	21
SVA1-6	330	225	555	148	117	22
SVA1-7	348	225	573	148	117	23
SVA1-8	366	225	591	148	117	24
SVA1-9	384	225	609	148	117	25
SVA1-10	402	225	627	148	117	26
SVA1-11	420	225	645	148	117	26
SVA1-12	448	245	693	170	142	29
SVA1-13	466	245	711	170	142	30
SVA1-15	502	245	747	170	142	31
SVA1-17	538	245	783	170	142	33
SVA1-19	574	245	819	170	142	34
SVA1-21	610	245	855	110	142	35
SVA1-23	646	245	891	170	142	36
SVA1-25	692	290	982	190	155	42
SVA1-27	728	290	1018	190	155	43
SVA1-30	782	290	1072	190	155	45
SVA1-33	836	290	1126	190	155	49
SVA1-36	890	290	1180	190	155	51

Installation diagram



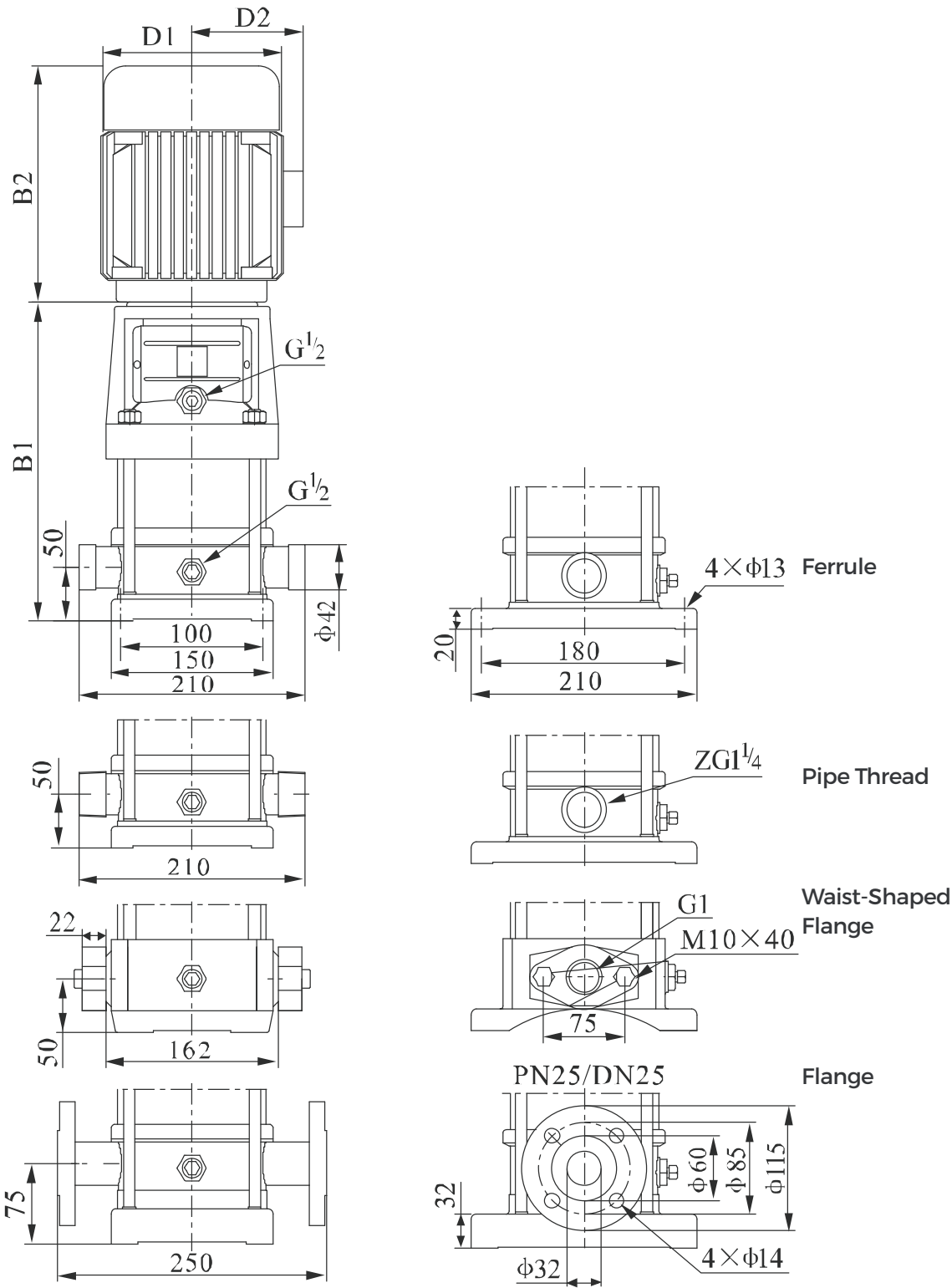
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
SVA2-2	0.37	H (m)	18	17	16	15	13	12	10	8
SVA2-3	0.37		27	26	24	22	20	18	15	12
SVA2-4	0.55		36	35	33	30	26	24	20	16
SVA2-5	0.55		45	43	40	37	33	30	24	20
SVA2-6	0.75		53	52	50	45	40	36	30	24
SVA2-7	0.75		63	61	57	52	47	41	35	28
SVA2-9	1.1		80	78	73	67	61	54	45	37
SVA2-11	1.1		98	95	89	82	73	64	54	44
SVA2-13	1.5		116	114	106	98	89	78	65	52
SVA2-15	1.5		134	130	123	112	100	90	73	60
SVA2-18	2.2		161	157	148	136	121	108	91	76
SVA2-22	2.2		197	192	180	165	148	130	110	90
SVA2-26	3.0		232	228	214	198	179	158	130	110

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA2-2	258	225	483	148	117	20
SVA2-3	276	225	501	148	117	20
SVA2-4	294	225	519	148	117	22
SVA2-5	312	225	537	148	117	23
SVA2-6	340	245	585	170	142	26
SVA2-7	358	245	603	170	142	26
SVA2-9	394	245	639	170	142	28
SVA2-11	430	245	679	170	142	29
SVA2-13	476	290	766	190	155	35
SVA2-15	512	290	802	190	155	36
SVA2-18	566	290	856	190	155	41
SVA2-22	638	290	928	190	155	42
SVA2-26	720	345	1065	197	165	52

Installation diagram



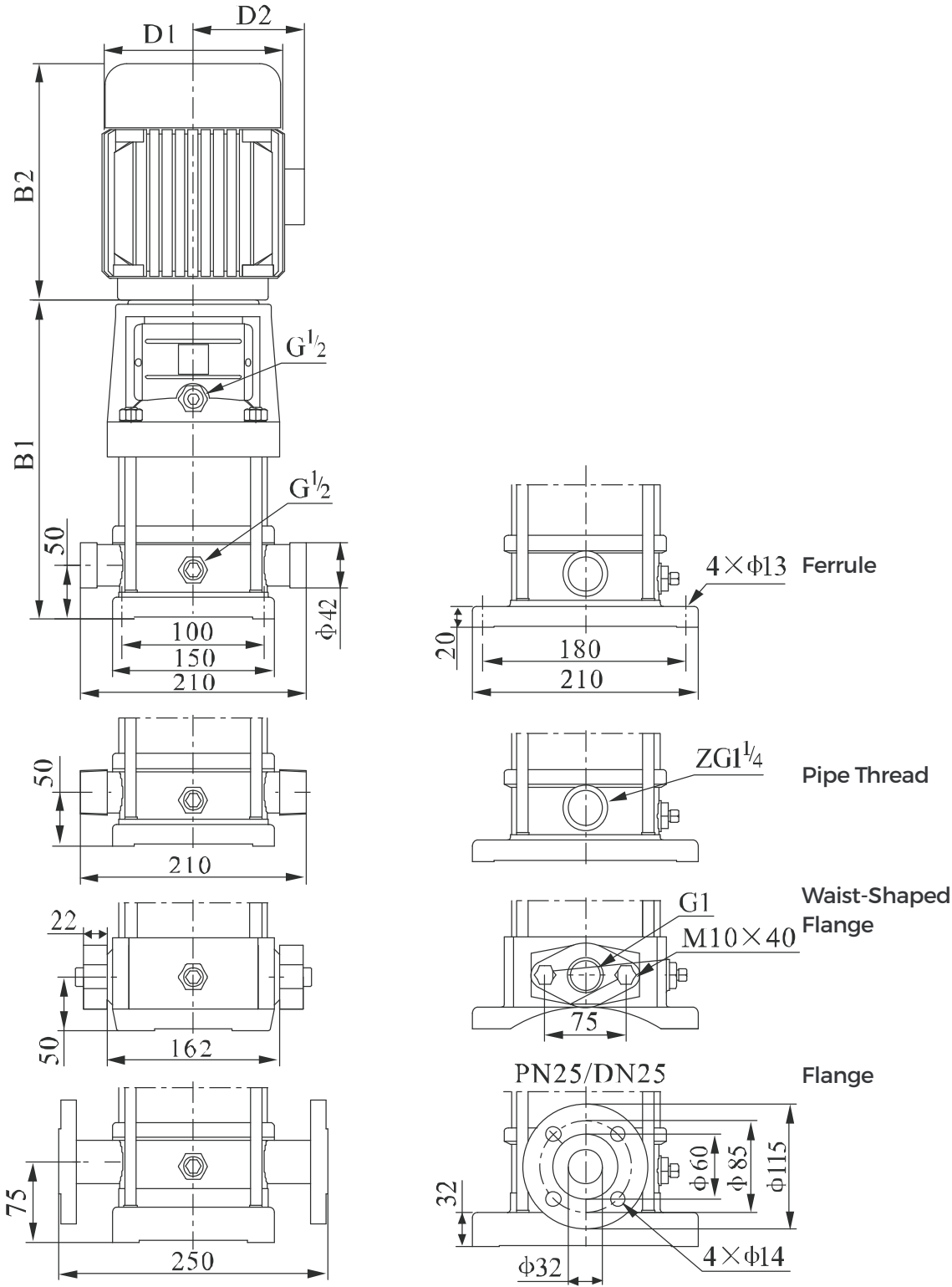
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
SVA3-2	0.37	H (m)	12.5	11.5	11	10.5	10	9	8	7	6
SVA3-3	0.37		19	18.5	17.5	16.5	15	14	13	11	9
SVA3-4	0.37		25	24	23	21.5	20	19	18	15	12
SVA3-5	0.37		31	30	29	27	25	23	22	19	16
SVA3-6	0.55		36	35	34	32	30	28	27	23	19
SVA3-7	0.55		43	41	39	37	34	32	31	27	22
SVA3-8	0.75		49	47	45	43	39	37	35	31	25
SVA3-9	0.75		55	53	51	48	45	42	40	35	28
SVA3-10	0.75		61	59	57	54	50	47	45	39	31
SVA3-11	1.1		67	64	61	58	54	51	49	42	34
SVA3-12	1.1		73	70	67	63	58	55	52	45	37
SVA3-13	1.1		78	76	73	69	64	60	57	49	40
SVA3-15	1.1		90	88	84	79	73	69	66	57	46
SVA3-17	1.5		103	100	96	90	83	79	75	64	52
SVA3-19	1.5		115	112	107	100	92	88	83	72	58
SVA3-21	2.2		128	124	119	112	102	98	91	79	64
SVA3-23	2.2		140	135	130	122	112	107	100	86	70
SVA3-25	2.2		151	147	141	131	122	116	109	94	76
SVA3-27	2.2		164	159	152	143	132	124	117	101	82
SVA3-29	2.2		175	170	163	153	142	133	126	109	88
SVA3-31	3.0		187	182	175	165	153	142	135	116	94
SVA3-33	3.0		199	194	187	176	163	151	145	125	100
SVA3-36	3.0		218	212	204	192	178	168	159	137	109

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA3-2	258	225	483	148	117	20
SVA3-3	276	225	501	148	117	20
SVA3-4	294	275	519	148	117	21
SVA3-5	312	225	537	148	117	21
SVA3-6	330	225	555	148	117	23
SVA3-7	348	225	573	148	117	24
SVA3-8	376	245	621	170	142	27
SVA3-9	394	245	639	170	142	28
SVA3-10	412	245	657	170	142	28
SVA3-11	430	245	675	170	142	29
SVA3-12	448	245	693	170	142	30
SVA3-13	466	245	711	170	142	31
SVA3-15	502	245	747	170	142	32
SVA3-17	548	290	838	190	155	38
SVA3-19	584	290	874	190	155	39
SVA3-21	620	290	910	190	155	42
SVA3-23	656	290	946	190	155	43
SVA3-25	692	290	982	190	155	44
SVA3-27	728	290	1018	190	155	45
SVA3-29	764	290	1054	190	155	46
SVA3-31	810	345	1155	197	165	54
SVA3-33	846	345	1191	197	165	55
SVA3-36	900	345	1245	197	165	57

Installation diagram



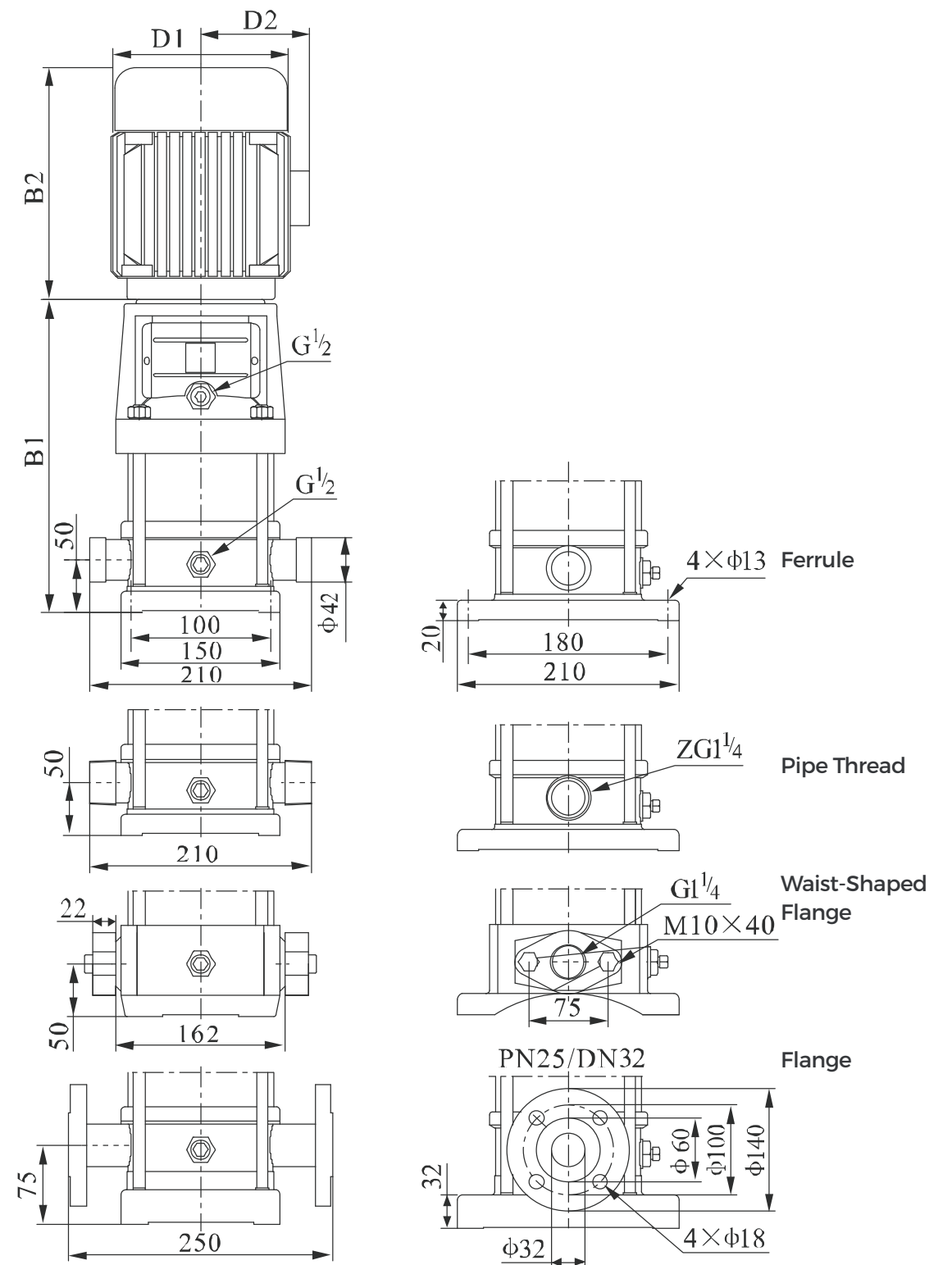
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0
SVA4-2	0.37	H (m)	19	18	17	15	13	10	8
SVA4-3	0.55		28	27	26	24	20	18	13
SVA4-4	0.75		38	36	34	32	27	24	19
SVA4-5	1.1		47	45	43	40	34	31	23
SVA4-6	1.1		56	54	52	48	41	37	28
SVA4-7	1.5		66	63	61	56	48	43	33
SVA4-8	1.5		74	72	70	64	55	50	38
SVA4-10	2.2		96	90	87	81	71	62	48
SVA4-12	2.2		114	108	104	95	85	75	58
SVA4-14	3.0		136	126	122	112	101	89	68
SVA4-16	3.0		152	144	140	129	115	101	78
SVA4-19	4.0		183	171	168	153	137	122	93
SVA4-22	4.0		211	200	192	178	160	138	108

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA4-2	276	225	501	148	117	21
SVA4-3	303	225	528	148	117	22
SVA4-4	340	245	585	170	142	25
SVA4-5	367	245	612	170	142	27
SVA4-6	394	245	639	170	142	27
SVA4-7	431	290	721	190	155	33
SVA4-8	458	290	748	190	155	33
SVA4-10	512	290	802	190	155	37
SVA4-12	566	290	856	190	155	38
SVA4-14	630	345	975	197	165	46
SVA4-16	684	345	1029	197	165	48
SVA4-19	765	355	1120	230	188	57
SVA4-22	846	355	1201	230	188	59

Installation diagram



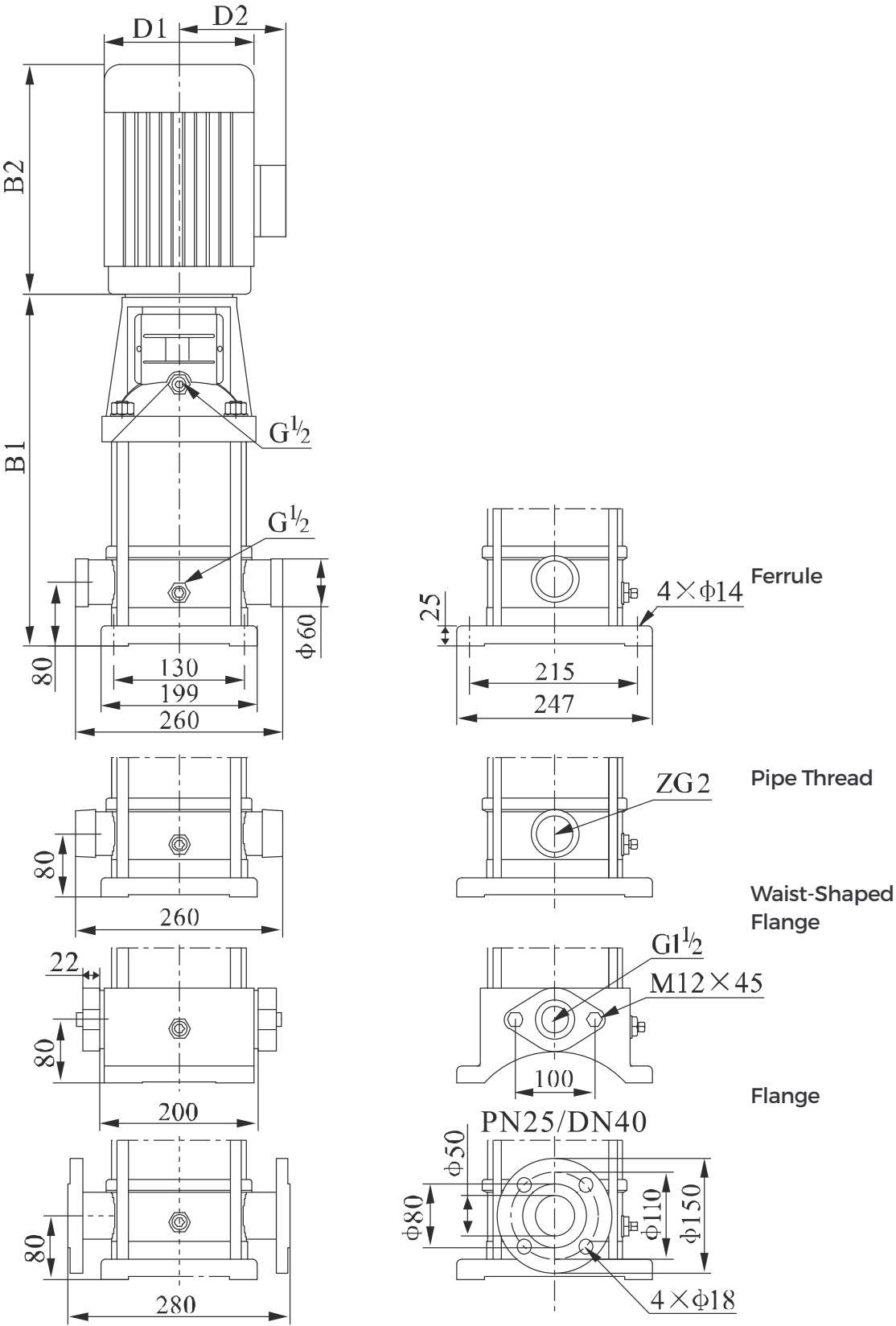
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	5	6	7	8	9	10	11	12
SVA8-2/1	0.75	H (m)	10	9.5	9.3	9	8.5	8	7	6
SVA8-2	0.75		20	19.5	19	18	17	16	14	13
SVA8-3	1.1		30	29.5	28.5	27	25	24	21	19
SVA8-4	1.5		41	39.5	38	36	34	32	28	26
SVA8-5	2.2		52	50	48	45	42	40	36	32
SVA8-6	2.2		62	60	57	54	51	48	43	39
SVA8-8	3.0		83	80	77	73	69	65	58	52
SVA8-10	4.0		104	100	97	92	87	81	73	65
SVA8-12	4.0		124	120	116	111	104	92	87	78
SVA8-14	5.5		145	141	136	130	122	113	102	92
SVA8-16	5.5		166	161	156	148	139	130	118	106
SVA8-18	7.5		187	182	175	167	157	146	134	120
SVA8-20	7.5		208	202	195	186	175	163	150	135

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA8-2/1	347	245	592	170	142	32
SVA8-2	347	245	592	170	142	32
SVA8-3	377	245	622	170	142	34
SVA8-4	417	290	707	190	155	40
SVA8-5	447	290	737	190	155	44
SVA8-6	477	290	767	190	155	45
SVA8-8	547	345	892	197	165	53
SVA8-10	607	355	962	230	188	64
SVA8-12	667	355	1022	230	188	66
SVA8-14	747	390	1137	260	208	81
SVA8-16	807	390	1197	260	208	84
SVA8-18	867	390	1257	260	208	93
SVA8-20	927	390	1317	260	208	94

Installation diagram



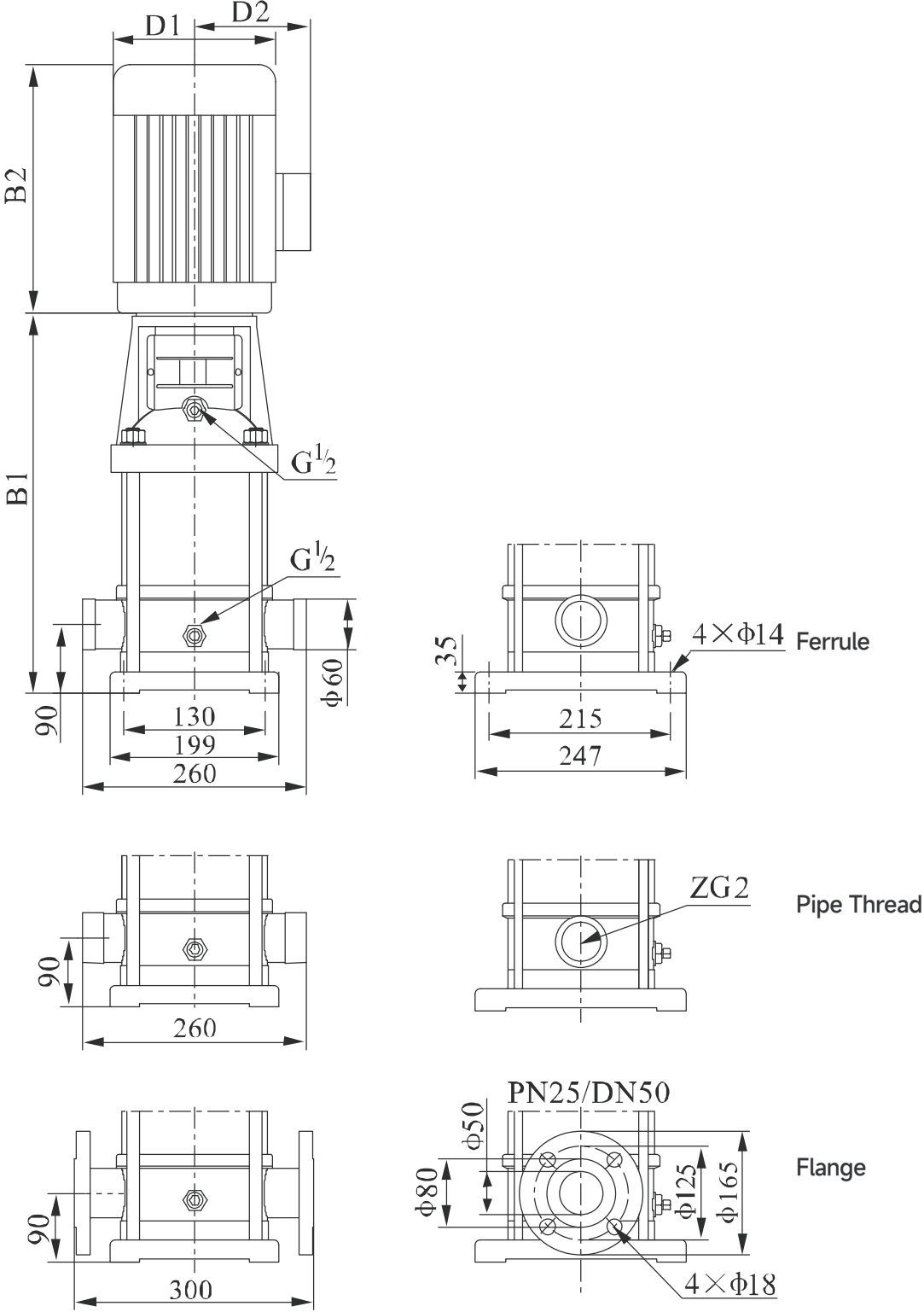
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
SVA12-2	1.5	H (m)	23.5	23	22.5	22	21	20	18.5	17	15.5	14
SVA12-3	2.2		15.5	35	34	35	31.5	30	28	26	23.5	21
SVA12-4	3		47	46	45	44	42	40	37	34	31	28
SVA12-5	3		59.5	58	56.5	55	52.5	50	46.5	43	39	35
SVA12-6	4		71.5	70	68	66	63	60	56	52	47	42
SVA12-7	5.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49
SVA12-8	5.5		95.5	94	91	88	84	80	75	70	63	56
SVA12-9	5.5		108	106	103	100	95.5	91	85	79	71.5	64
SVA12-10	7.5		120	118	114.5	111	106	101	94.5	88	80	72
SVA12-12	7.5		143.5	141	137	133	127	121	113.5	106	96	86
SVA12-14	11		168	165	160	155	148	141	132.5	124	112	100
SVA12-16	11		192.5	189	183.5	178	170	162	152	142	128.5	115
SVA12-18	11		217	213	207.5	202	192.5	183	171.5	160	145	130

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA12-2	367	290	657	190	155	39
SVA12-3	397	290	687	190	155	43
SVA12-4	437	345	782	197	165	51
SVA12-5	467	345	812	197	165	53
SVA12-6	497	355	852	230	188	61
SVA12-7	547	390	937	260	208	73
SVA12-8	577	390	967	260	208	74
SVA12-9	607	390	997	260	208	76
SVA12-10	637	390	1027	260	208	83
SVA12-12	697	390	1087	260	208	87
SVA12-14	845	500	1345	330	255	157
SVA12-16	905	500	1405	330	255	161
SVA12-18	965	500	1465	330	255	164

Installation diagram



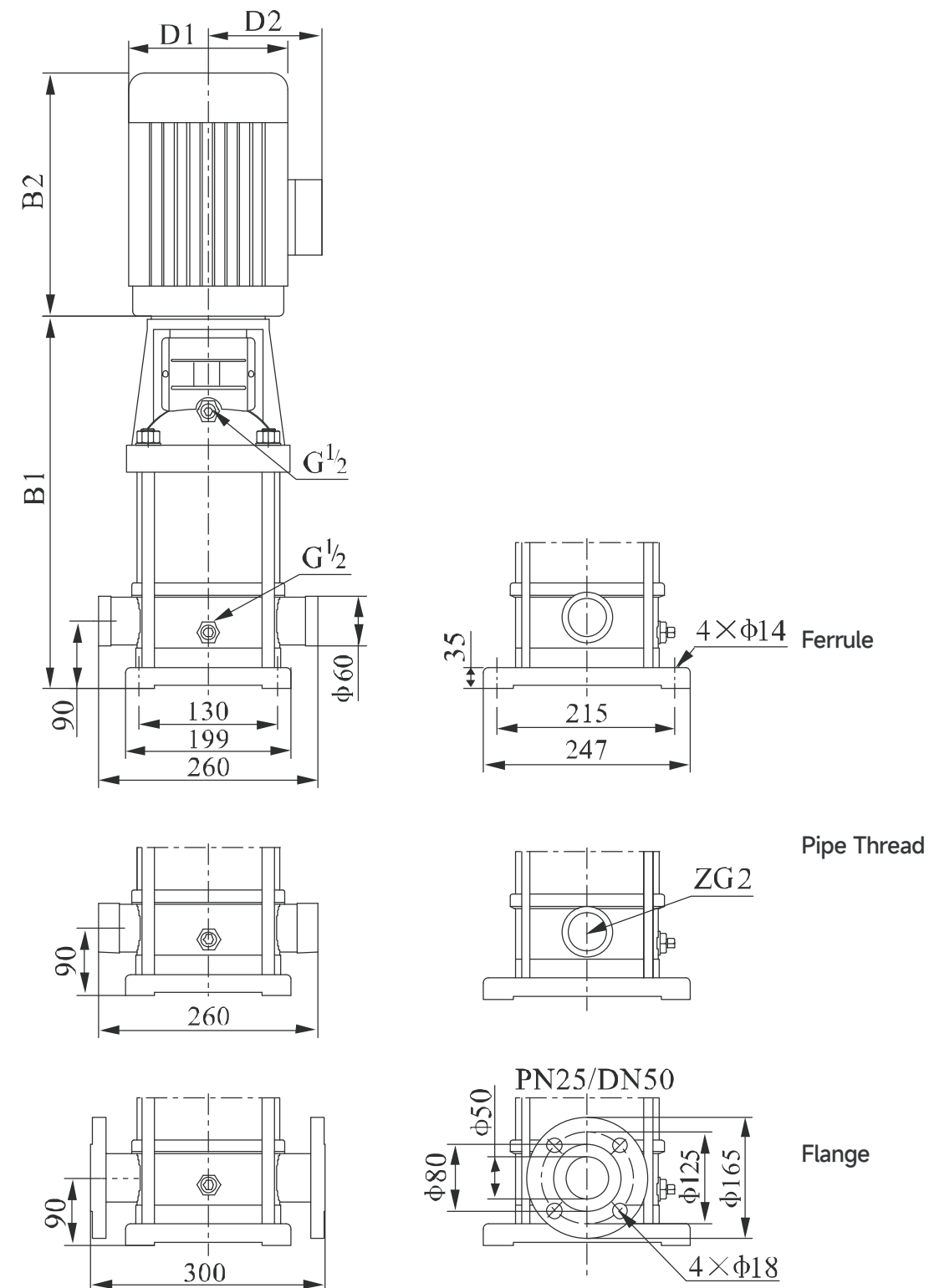
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	8	10	12	14	16	18	20	22
SVA16-2	2.2	H (m)	27	26	25	24	22	21	19	16
SVA16-3	3.0		41	40	38	37	34	32	29	25
SVA16-4	4.0		54	53	52	49	46	43	38	34
SVA16-5	5.5		68	67	65	62	58	54	48	43
SVA16-6	5.5		82	80	78	74	70	64	58	52
SVA16-7	7.5		96	95	91	87	82	76	68	61
SVA16-8	7.5		110	108	104	99	94	86	77	70
SVA16-10	11		138	136	131	125	118	109	97	87
SVA16-12	11		166	162	157	150	141	130	116	105
SVA16-14	15		194	190	184	175	166	152	136	122
SVA16-16	15		222	217	210	200	189	174	156	140

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA16-2	397	290	687	190	155	42
SVA16-3	452	345	797	197	165	50
SVA16-4	497	355	852	230	188	59
SVA16-5	562	390	952	260	208	76
SVA16-6	607	390	997	260	208	77
SVA16-7	652	390	1042	260	208	84
SVA16-8	697	390	1087	260	208	86
SVA16-10	875	500	1375	330	255	158
SVA16-12	965	500	1465	330	255	161
SVA16-14	1055	500	1555	330	255	174
SVA16-16	1145	500	1645	330	255	178

Installation diagram



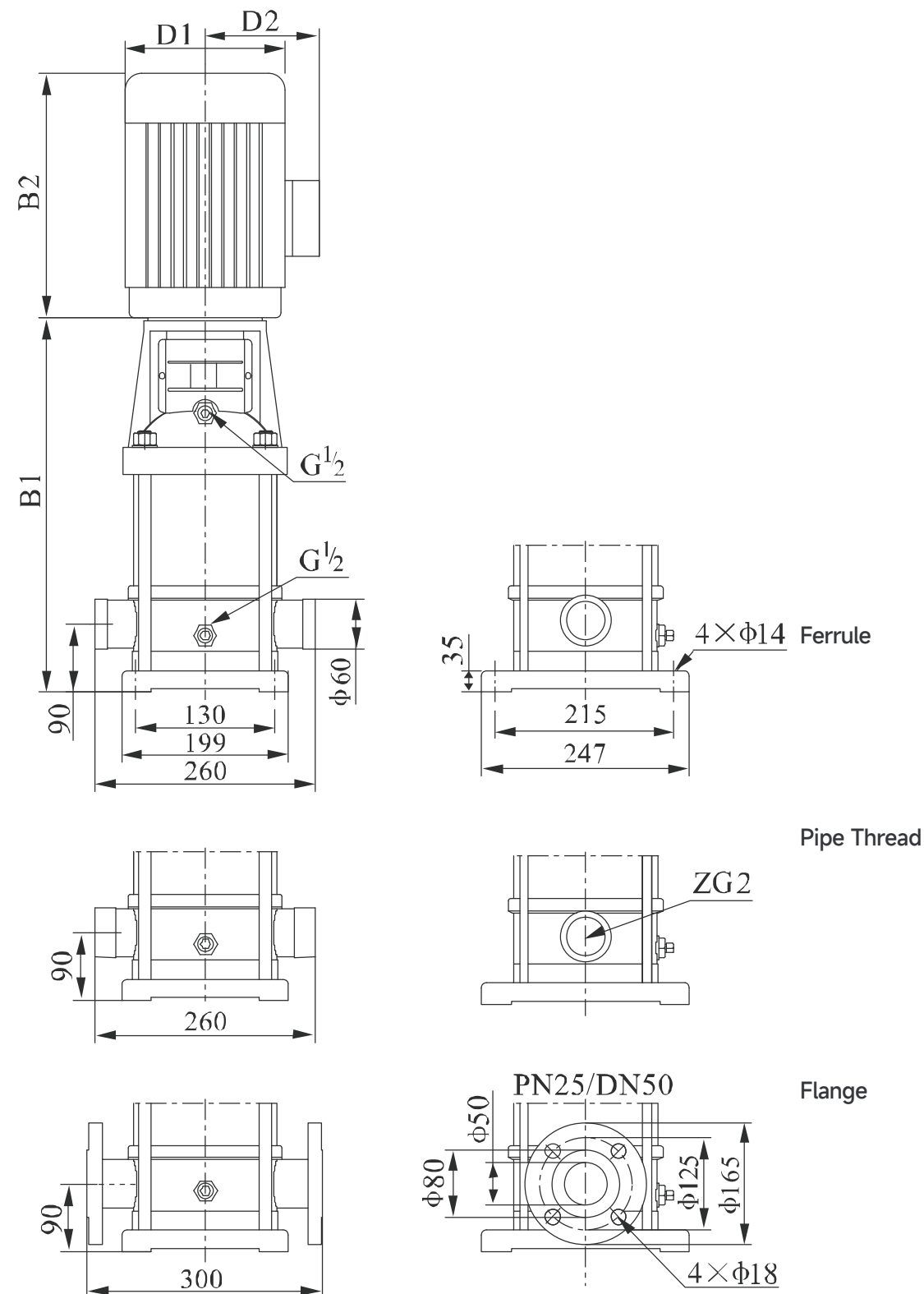
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
SVA20-1	1.1	H (m)	13.3	13	12.5	12	11	10	9	8	7	6
SVA20-2	2.2		27	26.5	26	25	24	23	22	20	18	15
SVA20-3	4.0		40	39.5	39	38	37	35	33	30	27	24
SVA20-4	5.5		54	53	52	51	49	47	44	41	37	33
SVA20-5	5.5		67	66	64	62	60	58	55	50	45	40
SVA20-6	7.5		81	79	77	75	73	70	66	61	55	49
SVA20-7	7.5		95	93	91	89	86	82	77	71	65	58
SVA20-8	11		109	107	105	102	99	94	89	82	75	67
SVA20-10	11		136	134	131	128	124	118	111	103	95	85
SVA20-12	15		164	162	158	154	149	142	133	124	114	102
SVA20-14	15		192	189	185	180	174	166	156	145	133	119
SVA20-17	18.5		234	230	225	219	212	202	190	177	162	145

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA20-1	387	245	632	170	142	33
SVA20-2	397	290	687	190	155	42
SVA20-3	452	355	807	230	188	58
SVA20-4	517	390	907	260	208	74
SVA20-5	562	390	952	260	208	76
SVA20-6	607	390	997	260	208	82
SVA20-7	652	390	1042	260	208	84
SVA20-8	785	500	1285	330	255	53
SVA20-10	875	500	1375	330	255	157
SVA20-12	965	500	1465	330	255	170
SVA20-14	1055	500	1555	330	255	172
SVA20-17	1190	550	1740	330	255	195

Installation diagram



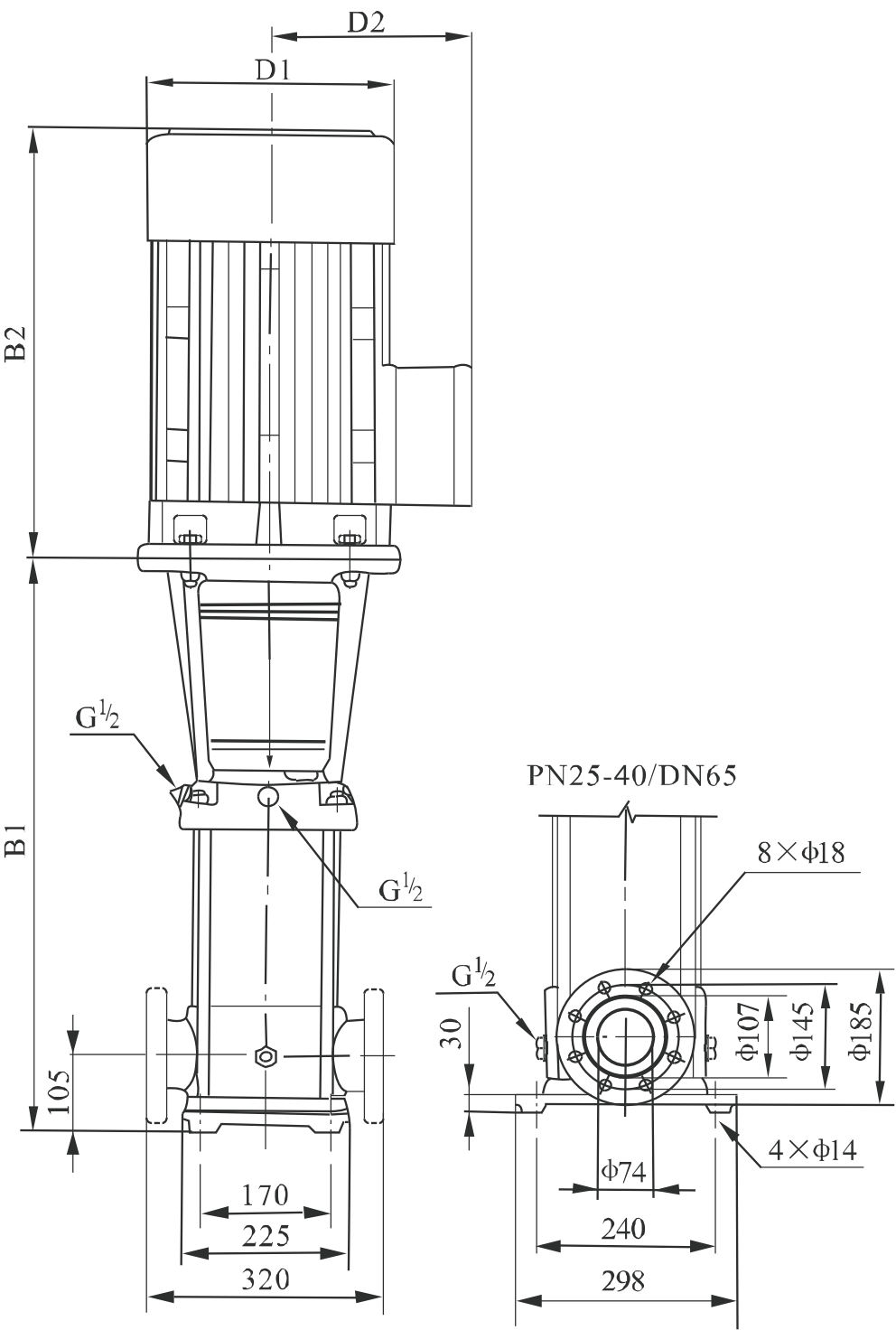
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	16	20	24	28	32	36	40	Model	Equipped with motor (kW)	Q (m³/h)	16	20	24	28	32	36	40
SVA32-10-1	1.5	H (m)	14	13	12	11	9	7	4	SVA32-90-2	18.5	H (m)	154	148	140	129	117	102	82
SVA32-10	2.2		18	17	15	14	13	11	8	SVA32-90	18.5		162	156	147	136	124	100	88
SVA32-20-2	3.0		29	28	26	23	20	16	11	SVA32-100-2	18.5		175	166	157	146	131	115	91
SVA32-20	4.0		36	34	32	29	27	23	18	SVA32-10	18.5		182	173	164	152	138	122	98
SVA32-30-2	5.5		47	44	41	38	33	28	21	SVA32-110-2	22		193	184	173	164	146	128	102
SVA32-30	5.5		54	51	48	44	40	35	27	SVA32-110	22		200	191	180	168	153	135	109
SVA32-40-2	7.5		65	62	58	53	46	40	30	SVA32-120-2	22		211	201	189	178	160	140	113
SVA32-40	7.5		72	69	65	59	53	47	37	SVA32-120	22		218	208	196	184	167	147	120
SVA32-50-2	11		83	79	74	68	60	52	41	SVA32-130-2	30		230	218	206	193	174	153	124
SVA32-50	11		90	86	81	74	67	59	47	SVA32-130	30		237	225	213	200	181	160	131
SVA32-60-2	11		101	97	90	83	74	65	51	SVA32-140-2	30		247	235	222	210	189	165	135
SVA32-60	11		108	104	97	90	81	72	57	SVA32-140	30		255	242	229	216	196	172	142
SVA32-70-2	15		119	114	107	98	88	78	60	SVA32-150-2	30		266	253	239	224	203	178	145
SVA32-70	15		126	121	113	105	95	85	67	SVA32-150	30		274	260	246	231	210	185	152
SVA32-80-2	15		136	131	123	114	102	90	71	SVA32-160-2	30		284	270	255	240	218	190	156
SVA32-80	15		144	138	130	120	109	97	77	SVA32-160	30		292	277	262	246	225	197	165

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA32-10-1/SVA32-10	505	290	795	190	155	64/68
SVA32-20-2/SVA32-20	575	345/359	920/930	197/230	165/180	77/85
SVA32-30-2/SVA32-30	645	390	1035	260	208	100
SVA32-40-2/SVA32-40	715	390	1105	260	208	109
SVA32-50-2/SVA32-50	890	500	1390	330	255	181
SVA32-60-2/SVA32-60	960	500	1460	330	255	185
SVA32-70-2/SVA32-70	1030	500	1530	330	255	199
SVA32-80-2/SVA32-80	1100	500	1600	330	255	203
SVA32-90-2/SVA32-90	1170	550	1720	330	255	222
SVA32-100-2/SVA32-10	1240	550	1790	330	255	227
SVA32-110-2/SVA32-110	1310	575	1885	360	285	272
SVA32-120-2/SVA32-120	1380	575	1955	360	285	276
SVA32-130-2/SVA32-130	1450	650	2100	400	310	337
SVA32-140-2/SVA32-140	1520	650	2170	400	310	341
SVA32-150-2/SVA32-150	1590	650	2240	400	310	345
SVA32-160-2/SVA32-160	1660	650	2310	400	310	350

Installation diagram



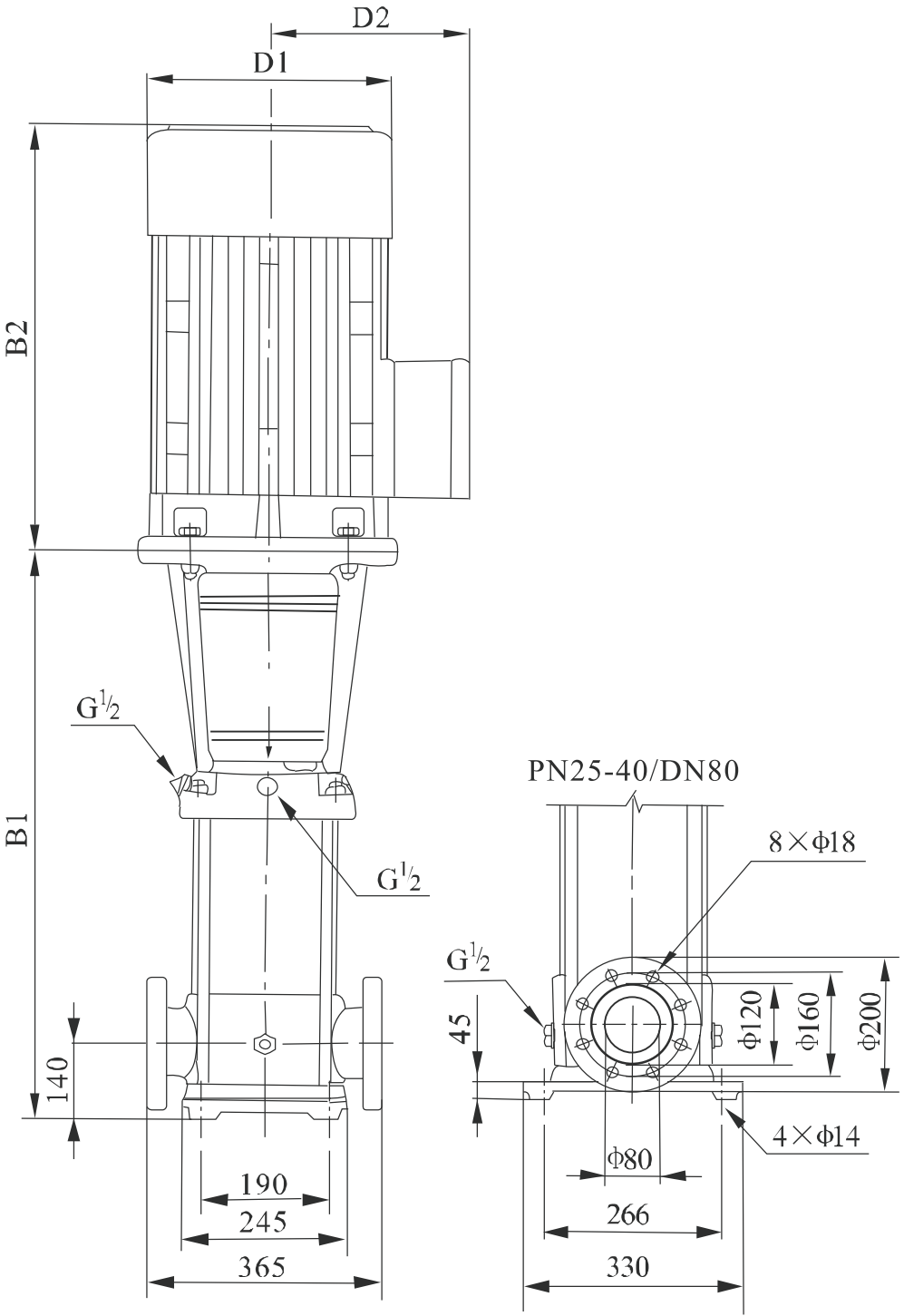
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	25	30	35	40	42	45	50	55
SVA42-10-1	3.0	H (m)	20	19	18	17	16	15	13	11
SVA42-10	4.0		24	23	22	21	20	19	18	16
SVA42-20-2	5.5		40	38	36	33	32	30	27	23
SVA42-20	7.5		48	46	44	42	41	39	35	31
SVA42-30-2	11		63	61	58	54	52	50	44	38
SVA42-30	11		71	69	66	63	61	58	53	47
SVA42-40-2	15		87	84	80	75	73	69	62	54
SVA42-40	15		95	92	88	84	81	78	71	62
SVA42-50-2	18.5		111	107	102	96	93	88	80	69
SVA42-50	18.5		119	115	110	105	101	97	88	78
SVA42-60-2	22		135	130	124	117	113	108	97	85
SVA42-60	22		143	138	132	125	122	116	106	93
SVA42-70-2	30		158	152	146	138	134	127	115	100
SVA42-70	30		166	161	154	146	142	135	124	109
SVA42-80-2	30		182	175	168	159	154	146	133	116
SVA42-80	30		190	184	176	167	162	154	141	124
SVA42-90-2	30		205	198	190	180	174	166	150	132
SVA42-90	37		214	207	198	188	183	174	159	140
SVA42-100-2	37		230	221	212	200	194	185	168	147
SVA42-100	37		238	230	220	209	203	193	177	155
SVA42-110-2	45		255	246	236	223	217	206	188	165
SVA42-110	45		263	255	244	232	225	214	196	173
SVA42-120-2	45		280	270	259	245	238	226	206	181
SVA42-120	45		289	280	268	255	247	236	216	190
SVA42-130-2	45		305	294	282	267	299	247	225	198

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA42-10-1	561	345/355	906/916	197/230	165/188	83/90
SVA42-10						
SVA42-20-2	641	390	1031	260	208	105/110
SVA42-20						
SVA42-30-2	826	500	1326	330	255	183
SVA42-30						
SVA42-40-2	906	500	1406	330	255	197
SVA42-40						
SVA42-50-2	986	550	1536	330	255	221
SVA42-50						
SVA42-60-2	1066	575	1641	360	285	261
SVA42-60						
SVA42-70-2	1146	650	1796	400	310	320
SVA42-70						
SVA42-80-2	1226	650	1876	400	310	324
SVA42-80						
SVA42-90-2	1306	650	1956	400	310	328/352
SVA42-90						
SVA42-100-2	1386	650	2036	400	310	355
SVA42-100						
SVA42-110-2	1466	686	2151	450	345	426
SVA42-110						
SVA42-120-2	1546	685	2231	450	345	432
SVA42-120						
SVA42-130-2	1626	685	2311	450	345	438

Installation diagram



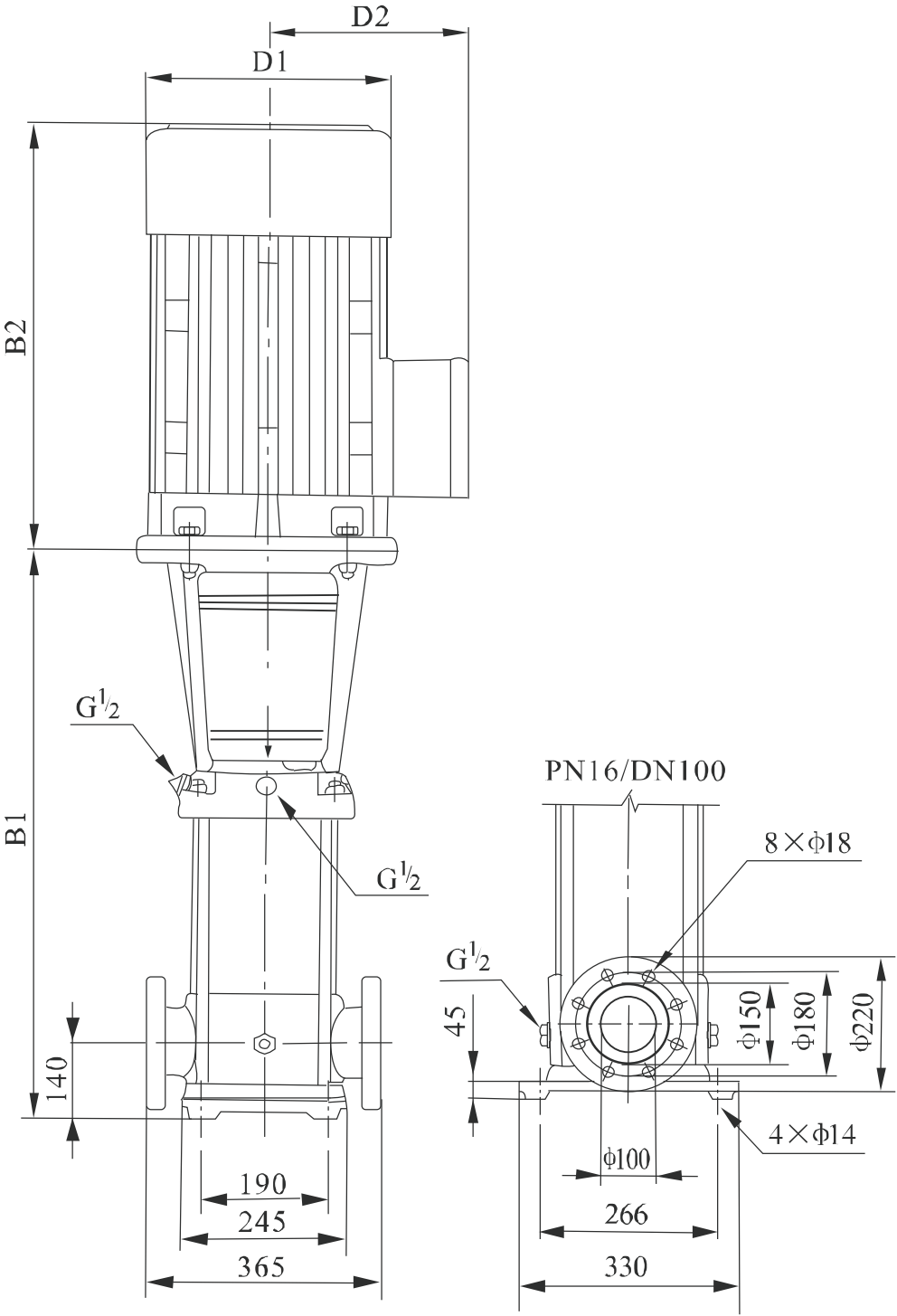
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	30	40	50	60	65	70	80
SVA65-10-1	4.0	H (m)	19	18	16	14	13	11	8
SVA65-10	5.5		27	25	23	21	20	18	15
SVA65-20-2	7.5		39	36	33	29	26	23	17
SVA65-20-1	11		46	44	40	36	33	30	24
SVA65-20	11		53	51	47	43	40	37	30
SVA65-30-2	15		66	62	56	50	46	41	32
SVA65-30-1	15		73	69	63	57	53	48	39
SVA65-30	18.5		80	76	70	64	60	55	46
SVA65-40-2	18.5		92	87	80	71	66	60	47
SVA65-40-1	22		100	94	87	78	73	67	54
SVA65-40	22		107	101	94	85	80	74	61
SVA65-50-2	30		121	114	105	95	88	80	64
SVA65-50-1	30		128	121	112	102	95	87	71
SVA65-50	30		136	129	119	109	102	94	78
SVA65-60-2	30		150	142	131	118	110	101	81
SVA65-60	37		157	149	138	125	117	108	88
SVA65-70-2	37		164	156	145	132	124	115	95
SVA65-70-1	37		179	169	156	141	132	121	99
SVA65-70	37		186	176	163	148	139	128	106
SVA65-80-2	45		193	183	170	155	146	135	112
SVA65-80-1	45		207	196	182	164	154	142	116
	45		215	203	189	171	161	149	123

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA65-10-1	561	355	916	230	188	93
SVA65-10	561	390	951	260	208	105
SVA65-20-2	644	390	1034	260	208	110
SVA65-20-1	754	500	1254	330	255	182
SVA65-20	754	500	1254	330	255	182
SVA65-30-2	836	500	1336	330	255	196
SVA65-30-1	836	500	1336	330	255	197
SVA65-30	836	550	1386	330	255	221
SVA65-40-2	919	550	1469	330	255	225
SVA65-40-1	919	575	1494	360	285	258
SVA65-40	919	575	1494	360	285	258
SVA65-50-2	1001	650	1651	400	310	319
SVA65-50-1	1001	650	1651	400	310	319
SVA65-50	1001	650	1651	400	310	320
SVA65-60-2	1084	650	1734	400	310	325
SVA65-60-1	1084	650	1734	400	310	349
SVA65-60	1084	650	1734	400	310	349
SVA65-70-2	1166	650	1816	400	310	353
SVA65-70-1	1166	650	1816	400	310	353
SVA65-70	1166	685	1851	460	340	420
SVA65-80-2	1248	685	1933	460	340	424
SVA65-80-1	1248	685	1933	460	340	424

Installation diagram



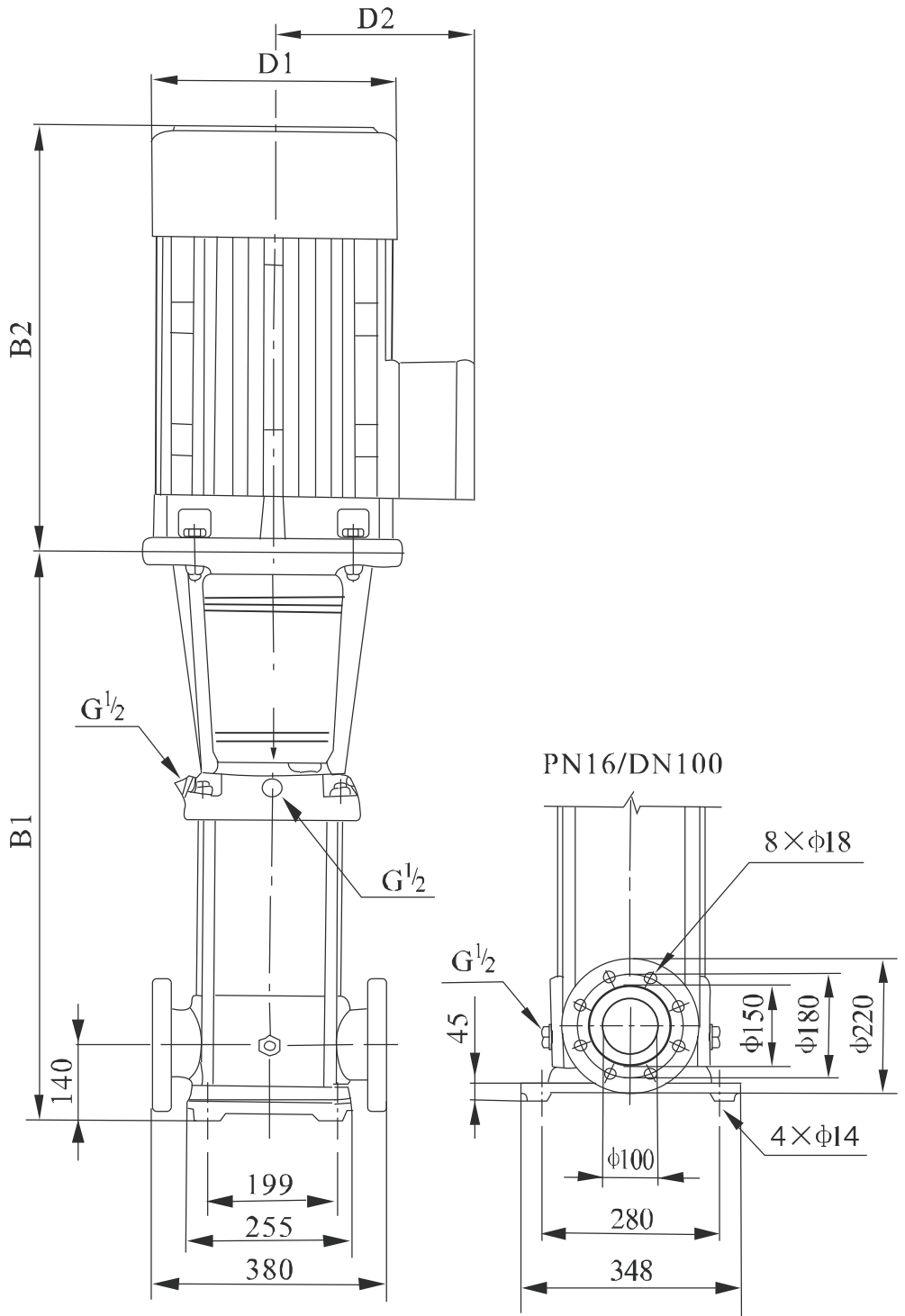
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	50	60	70	80	50	90	100	110
SVA85-10-1	5.5	H (m)	22	19	17	16	14	13	10	6
SVA85-10	7.5		25	24	22	21	20	19	16	12
SVA85-20-2	11		41	39	36	32	30	28	22	15
SVA85-20	15		53	50	47	44	41	40	36	30
SVA85-30-2	18.5		68	65	60	55	52	49	41	32
SVA85-30	22		81	77	72	67	64	62	55	48
SVA85-40-2	30		98	93	87	80	75	72	62	50
SVA85-40	30		110	105	100	92	86	84	76	66
SVA85-50-2	37		126	120	113	104	98	93	81	68
SVA85-50	37		139	131	124	115	110	106	94	83
SVA85-60-2	45		155	148	139	129	122	117	102	86
SVA85-60	45		168	160	150	141	134	130	117	103

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA85-10-1	571	390	961	260	208	105
SVA85-10	571	390	961	260	208	110
SVA85-20-2	773	500	1273	330	255	181
SVA85-20	773	500	1273	330	255	192
SVA85-30-2	865	550	1415	330	255	215
SVA85-30	865	575	1440	360	285	252
SVA85-40-2	957	650	1607	400	310	312
SVA85-40	957	650	1607	400	310	312
SVA85-50-2	1049	650	1699	400	310	336
SVA85-50	1049	650	1699	400	310	336
SVA85-60-2	1141	685	1826	460	340	407
SVA85-60	1141	685	1826	460	340	407

Installation diagram



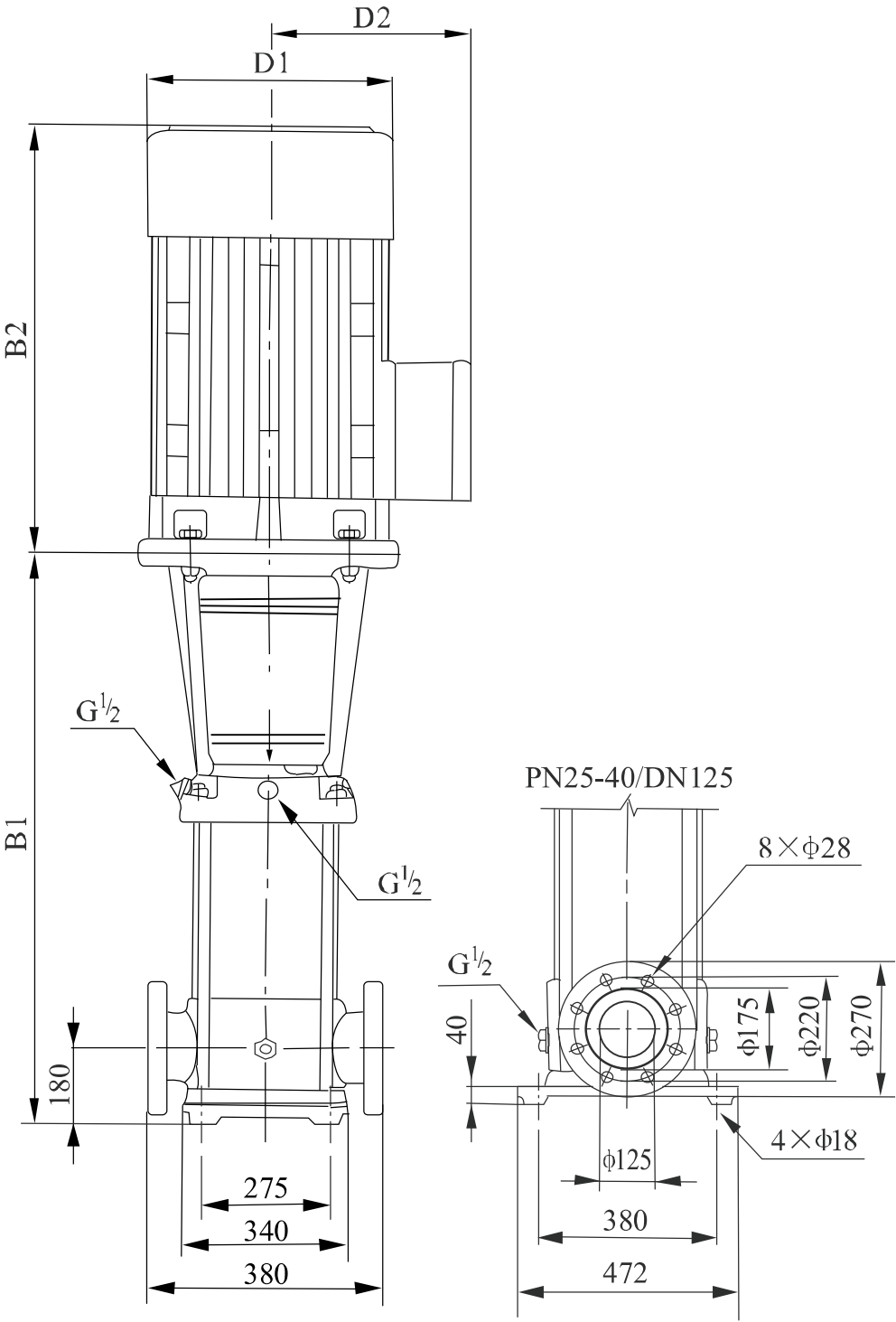
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	60	70	80	90	100	110	120	130	140	150
SVA120-10	11	H (m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
SVA120-20-2	15		34	33.6	33	31	30.2	30	28.5	27	25	24
SVA120-20-1	18.5		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
SVA120-20	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
SVA120-30-2	30		57	56	55	53.5	52	51	49	46.5	43.5	41
SVA120-30-1	30		64	63	62	60	58.5	57.5	55.5	52	49	46
SVA120-30	30		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
SVA120-40-2	37		80.5	79	78	76	73.5	72	69	66	61.5	58
SVA120-40-1	37		87	86	84.5	82	80	78	76	72	68	64.5
SVA120-40	45		92.5	91	90	88	85.5	83	81	77	73	68.5
SVA120-50-2	45		104.5	103	101	99	96	93	90	85.5	80.5	75.5
SVA120-50-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
SVA120-50	55		115.5	114	113	110	107.5	104.5	101.5	96	91	86
SVA120-60-2	55		128	123.5	123	121	117.3	113.3	110	104.5	98.5	92.5
SVA120-60-1	55		134	132	130.5	127	124	121	118	111	105	100
SVA120-60	75		139	137	135	132	128.8	126	123	116	110	104
SVA120-70-2	75		151	148	145.5	143	138.6	134	130	123.5	116.5	109
SVA120-70-1	75		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
SVA120-70	75		162.5	160.5	158.5	155	151	148	145	137	129	123

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA120-10	840	500	1340	330	255	230
SVA120-20-2	1000	500	1500	330	255	245
SVA120-20-1	1000	550	1550	330	255	250
SVA120-20	1000	575	1575	360	285	285
SVA120-30-2	1160	650	1810	400	310	360
SVA120-30-1	1160	650	1810	400	310	360
SVA120-30	1160	650	1810	400	310	360
SVA120-40-2	1320	650	1970	400	310	400
SVA120-40-1	1320	650	1970	400	310	400
SVA120-40	1320	685	2005	460	340	460
SVA120-50-2	1480	685	2165	460	340	470
SVA120-50-1	1480	685	2165	460	340	470
SVA120-50	1510	760	2270	540	370	575
SVA120-60-2	1670	760	2430	540	370	585
SVA120-60-1	1670	760	2430	540	370	585
SVA120-60	1670	845	2515	580	410	705
SVA120-70-2	1830	845	2675	580	410	715
SVA120-70-1	1830	845	2675	580	410	715
SVA120-70	1830	845	2675	580	410	715

Installation diagram



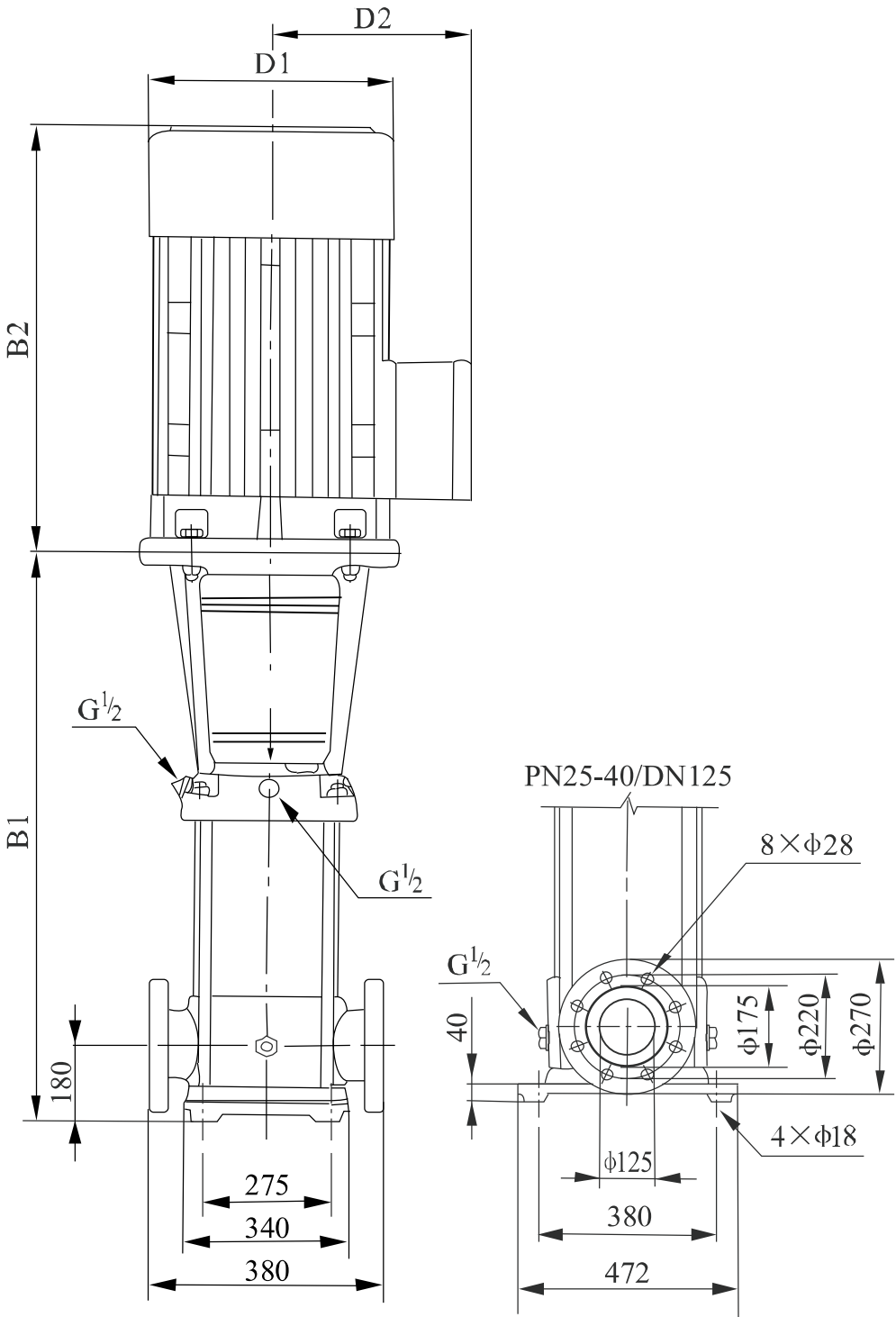
Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	80	90	100	110	120	80	140	150	160	170	180
SVA150-10-1	11	H (m)	18.3	178	17.3	17	16	15	14	12.5	11	10	8.5
SVA150-10	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
SVA150-20-2	18.5		37	35.5	34	33	32	31	29	27.5	26	23	21
SVA150-20-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
SVA150-20	30		50	49	48	47	45.5	44	42	40	37	34	32
SVA150-30-2	30		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
SVA150-30-1	37		70	68	67	66	63	62	60	56	53	49	45
SVA150-30	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
SVA150-40-2	45		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
SVA150-40-1	45		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
SVA150-40	55		104	102	100	97	95	91	88	84	79.5	74	68
SVA150-50-2	55		115.5	112	109	106	102.5	100	97	92	86	79	73.5
SVA150-50-1	75		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
SVA150-50	75		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
SVA150-60-2	75		140	137	133	130	126	121	118	112	106	98	91
SVA150-60-1	75		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
SVA150-60	75		157	153	149	145	142	139.5	137	130	123.5	116	109

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA150-10-1	840	500	1340	330	255	230
SVA150-10	840	500	1340	330	255	235
SVA150-20-2	1000	550	1550	330	255	250
SVA150-20-1	1000	575	1575	360	285	295
SVA150-20	1000	650	1650	400	310	350
SVA150-30-2	1160	650	1810	400	310	360
SVA150-30-1	1160	650	1810	400	310	360
SVA150-30	1160	650	1810	400	310	385
SVA150-40-2	1320	685	2005	460	340	460
SVA150-40-1	1320	685	2005	460	340	460
SVA150-40	1350	760	2110	540	370	560
SVA150-50-2	1510	760	2270	540	370	570
SVA150-50-1	1510	845	2355	580	410	690
SVA150-50	1510	845	2355	580	410	690
SVA150-60-2	1670	845	2515	580	410	700
SVA150-60-1	1670	845	2515	580	410	700
SVA150-60	1670	845	2515	580	410	700

Installation diagram



Performance Table

Model	Equipped with motor (kW)	Q (m³/h)	100	120	140	160	180	200	220	240
SVA200-10-B	18.5	H (m)	25.5	25	24	23	21.5	20	18	15.5
SVA200-10-A	22		29	28.5	27.5	26.5	25.5	24	22	20
SVA200-10	30		38.5	38	37.5	36.5	35	34	32.5	30
SVA200-20-2B	37		53	51	49	47	44	41	37	32
SVA200-20-2A	45		59.5	58	56	54	52.5	49	44.5	40.5
SVA200-20-A	55		69	68	66	64	62	59	55.5	51
SVA200-20	55		78.5	77.5	76	74	71.5	69	66	61.5
SVA200-30-2B	75		91.5	89	86.5	83.5	79	75	70	63
SVA200-30-A-B	75		95	93	90	87	83.5	79	73.5	67
SVA200-30-2A	75		99.5	97.5	94.5	91.5	89	84	78.5	72
SVA200-30-B	75		104.5	102.5	100	97	93	89	84.5	77.5
SVA200-30-A	75		108	106	103.5	100.5	97.5	93	88	81.5
SVA200-30	90		117.5	116	113.5	110.5	1107	103	99	92
SVA200-40-2B	90		131.5	129	125.5	121	115.5	110	103.5	94
SVA200-40-2A	110		138.5	136	132	128	124	118	111	102.5
SVA200-40-A	110		148	145.5	142.5	138	134	128	122	113
SVA200-40	110		157.5	155.5	152.5	148	143.5	138	132.5	123.5

Dimensions and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVA200-10-B	907	550	1457	330	255	311
SVA200-10-A	907	575	1482	360	285	347
SVA200-10	907	650	1557	400	310	403
SVA200-20-2B	1101	650	1751	400	310	447
SVA200-20-2A	1101	685	1786	460	340	504
SVA200-20-A	1131	760	1891	540	370	595
SVA200-20	1131	760	1891	540	370	595
SVA200-30-2B	1325	845	2170	580	410	748
SVA200-30-A-B	1325	845	2170	580	410	748
SVA200-30-2A	1325	845	2170	580	410	748
SVA200-30-B	1325	845	2170	580	410	748
SVA200-30-A	1325	845	2170	580	410	748
SVA200-30	1325	895	2220	580	410	817
SVA200-40-2B	1519	895	2414	580	410	830
SVA200-40-2A	1519	1140	2659	645	550	1180
SVA200-40-A	1519	1140	2659	645	550	1180
SVA200-40	1519	1140	2659	645	550	1180

Installation diagram

