

LAIKO



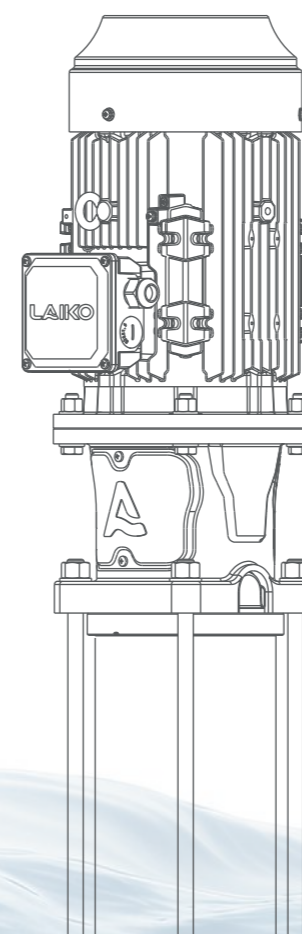
KLD(S)

**VERTICAL MULTI-STAGE
CENTRIFUGAL PUMP SERIES-60Hz**

LAIKO

KLD/KLDS

VERTICAL MULTI-STAGE CENTRIFUGAL PUMP SERIES



PUMP AND SYSTEM SOLUTION PROVIDER

Superior in Pump, Superior in Energy-Saving.

www.Laikopump.com



LAIKO Laiko Pump Pump and System Solution Provider

LAIKO Pump(Zhejiang) Co., Ltd. is a subsidiary of Zhejiang Dayuan Pumps Industrial Co., Ltd. (Stock code: 603757), focusing on the research and manufacturing of energy-saving pumps.

LAIKO's applications cover the fields of construction, municipal, and industrial sectors. Currently, we have product lines including Inline Multistage Pumps, Inline Circulation Pumps, Horizontal Multistage Pumps, Cold and Hot Water Circulation Pipeline Pumps, Single-Stage Centrifugal Pumps, Standard Centrifugal Pumps, Stainless steel Horizontal Single-Stage Centrifugal Pumps, Submersible Sewage Pumps, and Immersed Multistage Centrifugal Pumps. Our products are exported to many countries and regions in Europe, America, and Asia, meeting local legal requirements and obtaining recognition from clients.

A standard research and development, production, sales, and service system has laid the core competitiveness and sustainable development space for LAIKO. Reliable product quality and thoughtful after-sales service have earned LAIKO widespread reputation.

LAIKO maintains a pioneering spirit, always adheres to the concept of technological innovation, and never stops exploring energy-saving endeavors!

Research and manufacturing of energy-saving pumps, providing pump and system solutions

With over 34 years of accumulated strength, we have formed an alliance with top domestic water pump research and development, production, sales, and technical teams, Established Zhejiang Laiko Pump Industry Co., Ltd. (referred to as Zhejiang Leike), with comprehensive strength ranking among the top in the industry.

The second-generation green intelligent factory of Industry 4.0 standard covers an area of nearly 200 acres, with an annual output of over 7 million units and a total investment of over 1 billion yuan.

Zhejiang Laiko has established a comprehensive sales and service network nationwide, with direct offices in major cities. Our products are exported to multiple countries and regions in Europe, America, and Asia. China Laiko pumps globally.



Wenling, Zhejiang, China

GREEN SMART FACTORY

Dayuan Pump Group and its subsidiary Laiko Pump Industry have implemented a significant strategic layout. Covering an area of nearly 200 acres with a total investment of approximately 1 billion RMB, the facility has an annual production capacity of 7 million units. It is a modern integrated factory that combines production, research and development, manufacturing, and logistics.



R&D STRENGTH

346 Domestic patents	29 Invention Patent	242 New utility patent	75 Appearance patent	6 Overseas patents
--------------------------------	-------------------------------	----------------------------------	--------------------------------	------------------------------

As a brand under Dayuan Pump Group, we have a strong foundation with over 177 R&D personnel and more than 352 patents. Our products have been honored with titles such as "Zhejiang Famous Brand Product" and "Zhejiang Export Famous Brand," and are exported to multiple countries and regions across Europe, America, and Asia. Our comprehensive strength ranks among the top in the industry. Through years of continuous investment in research and development, we have established a significant technological innovation advantage.

SERVICE COOPERATION

We have established offices in major cities across the country, supported by a professional and efficient service team. From consultation, purchase, after-sales, to maintenance, we provide high-quality, professional, timely, and attentive services at every stage.

Guided by the principle of "wholehearted dedication and customer-first," we respond quickly to customer needs, offering precise product recommendations and tailored solutions. Our comprehensive and full-cycle services ensure a worry-free experience for our customers.

SERVICE TENET: With all our heart and soul, Putting customers first

SERVICE TENET: Rapid response, Precise solution

SERVICE OBJECTIVES: Efficient O&M, Win-Win Cooperation



LAIKO

KLD / KLDS

Vertical Multi-Stage Centrifugal Pump Series



Superior in Pump, Superior in Energy-Saving.
www.laikopump.com

LAIKO Laiko Pump (Zhejiang) Co., Ltd.

KLD/KLDS

Vertical Multi-Stage Centrifugal Pump Series

KLD/KLDS is a new hydraulic and energy-efficient vertical multi-stage centrifugal pump. According to the European Union standard, the MEI value is ≥ 0.7 . The cast iron is made of global graphite iron. The product has undergone a new industrial design, the utility model has the advantages of higher energy efficiency, lower noise, lower vibration, higher reliability, compact structure, beautiful appearance, convenient operation and maintenance, etc.

Suitable for conveying low viscosity, non-flammable, explosive and vaporizing, non-solid particles and fibers of liquid. And the liquid can not have chemical reaction to the pump material. When the liquid density and viscosity is greater than water, a high-power motor is required. For more details, consult us please.

Liquid temperature: common temperature type: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

hot water type: $-20^{\circ}\text{C} \sim +120^{\circ}\text{C}$

Fully enclosed standard air-cooled two-pole standard motor

Protection level: IP55

Insulation level: F

APPLICATION FIELD

Water Supply
Engineering Pressure Boosting
Water Treatment
Irrigation
Food and Beverage
Pharmaceutical Industry

TECHNICAL DATA

Flow range: $0.4 \sim 330 \text{m}^3/\text{h}$

Medium pH value: $3 \sim 9$

Maximum ambient temperature: $+40^{\circ}\text{C}$

Maximum altitude: 1000m

Product Overview

KLD/KLDS is a brand new hydraulic high-efficiency and energy-saving vertical multi-stage centrifugal pump that complies with EU standards, with a MEI value of >0.7. The cast iron parts are made of global ductile iron, and the product has undergone a new industrial design, featuring higher energy efficiency, lower noise, lower vibration, higher reliability, compact structure, beautiful appearance, and convenient use and maintenance.

Application Environment

The KLD/KLDS series vertical multi-stage centrifugal pump is suitable for conveying low viscosity, non flammable, non explosive, and easily vaporized liquids that do not contain solid particles or fibers. Water supply: high-rise building supply and drainage, water plant filtration and transportation, pipeline pressurization, etc;
 Engineering pressurization: equipment supporting systems such as flushing and cleaning systems, boiler feedwater, and cooling water circulation;
 Water treatment: ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool and other water treatment systems;
 Irrigation: sprinkler irrigation, drip irrigation and other systems in agriculture; others: food and beverage, pharmaceutical industry, etc.

Condition

Low viscosity, non flammable and non explosive liquid that is prone to vaporization, and does not contain solid particles or fibers. The liquid should not have a chemical reaction with the pump material. When the density and viscosity of the conveyed liquid are greater than water, a high-power motor is required. For more details, please consult our company. Liquid temperature:
 Room temperature type: -20 °C~+70 °C
 Hot water type: -20 °C~+120 °C Flow range: 0.4~400m³/h Medium pH value: 3~9
 Maximum ambient temperature: +40 °C
 Highest altitude: 1000m

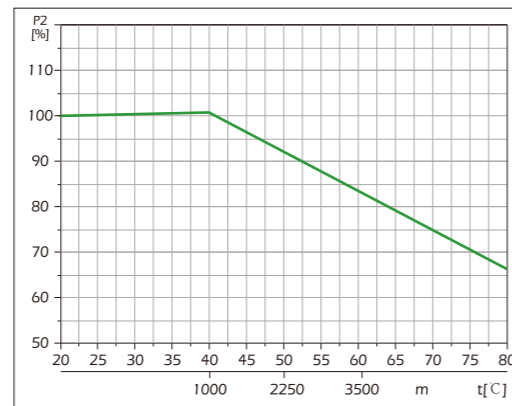
Electrical Machinery

Fully enclosed standard air-cooled two pole standard motor;
 Protection level: IP55;
 Insulation level: F.

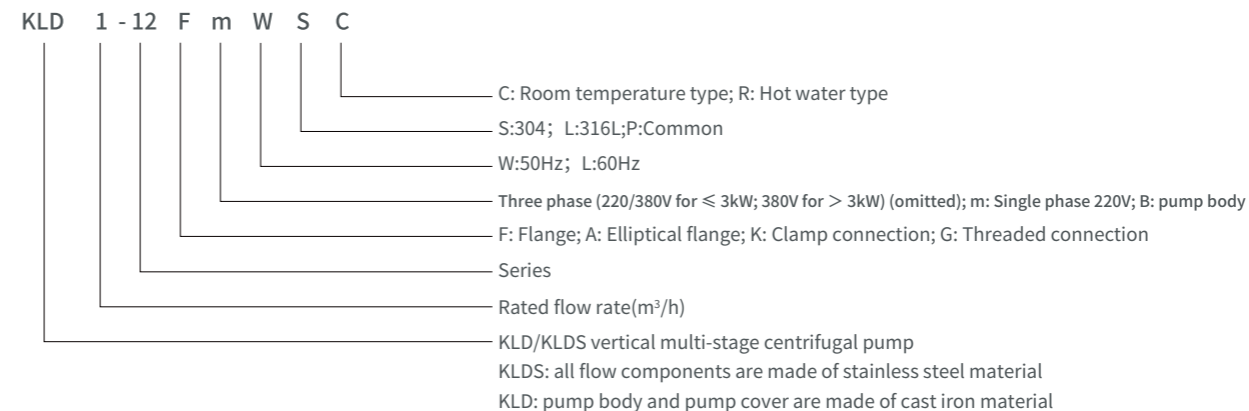
The Impact of Environmental Temperature

The highest environment for the motor is +40 °C. When it exceeds 40 °C or is installed at an altitude of over 1000 meters, due to low air density, the cooling effect of the motor is poor, and the rated output power (P2) of the motor will decrease, as shown in the figure. Therefore, a motor with higher output power needs to be used. Please consult our company for details.

As shown in the above figure, when the pump is installed at an altitude of 3500 meters or above, P2 will decrease to 88%. When the ambient temperature reaches 70 °C, P2 will decrease to 78%.



Model Description



Minimum Inlet Pressure-NPSH

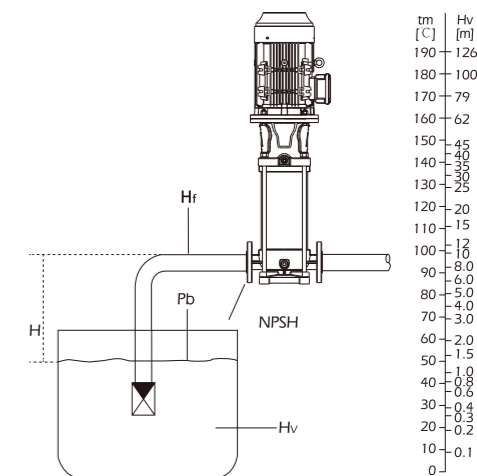
Minimum inlet pressure NPSH
 When there is a subordinate situation, it is recommended to calculate the import pressure "H":

- High liquid temperature
- The flow rate is significantly higher than the rated flow rate
- Pump water from a lower location
- Pump water from a long pipeline
- Poor import conditions

To avoid cavitation, it is necessary to ensure a minimum pressure on the inlet side of the pump. The maximum suction height "H" can be calculated according to the following formula:

- $H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$
- P_b = Atmospheric pressure, measured in bars (atmospheric pressure is considered as 1 bar). In a closed system, P_b represents the system pressure (measured in bars).
- $NPSH$ = Net positive suction head, measured in meters (read from the NPSH performance curve).
- H_f = The resistance loss of the suction pipeline, measured in meters (at the maximum flow rate of the pump).
- H_v = Vaporization pressure, in meters (can be read from the vaporization pressure gauge). Its value depends on the liquid temperature "tm".
- H_s = Safety margin, with a minimum of 0.5m.

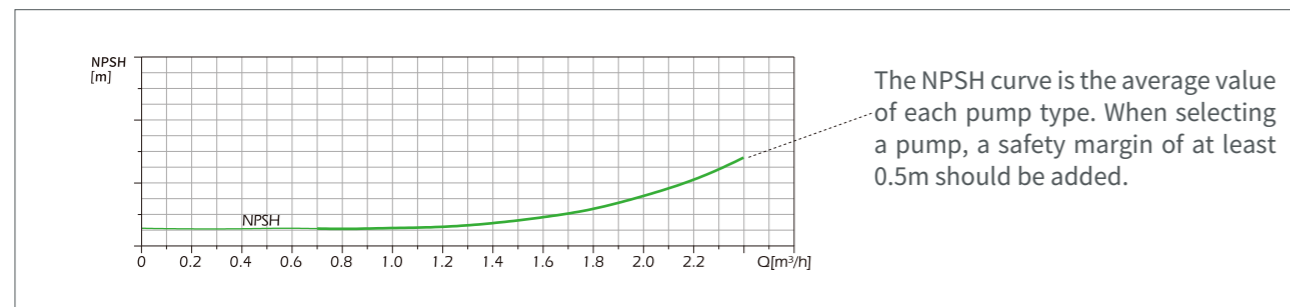
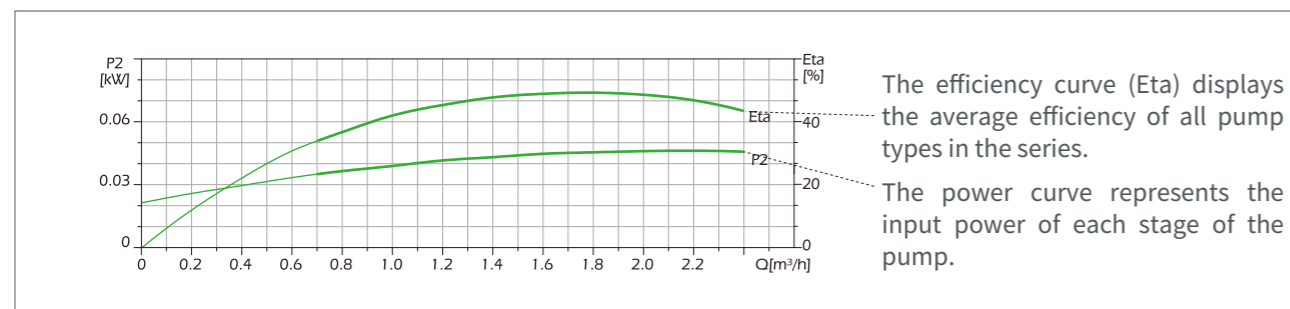
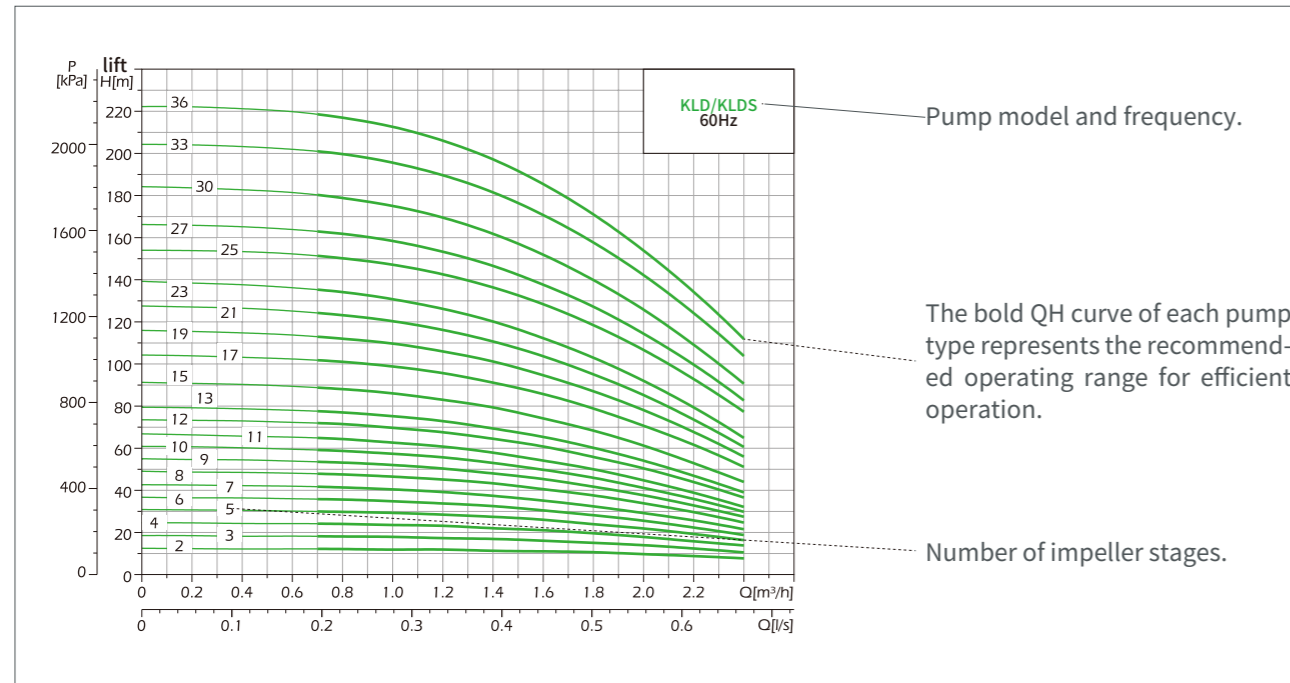
If "H" calculates a positive value, the pump can operate at a maximum suction height of "H".
 If the value calculated by 'H' is negative, the pump needs to have a minimum inlet pressure of 'H'.



Note: To avoid cavitation, the rated point of the pump should be chosen to be far away from the right side of the NPSH curve. The NPSH value of the pump should always be checked at the highest possible flow rate.

Performance Curve Description

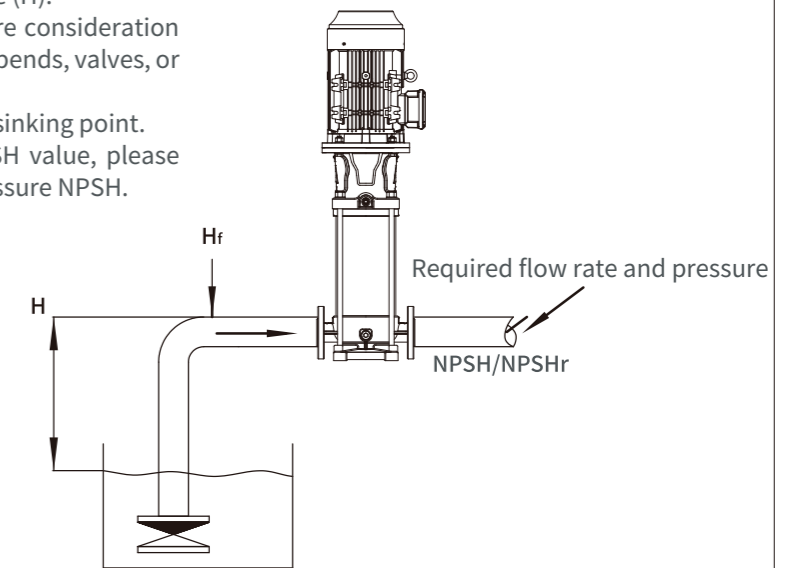
Curve tolerance complies with ISO9906:2012;
 The medium used is 20 ° C water without air, with a kinematic viscosity of $\nu=1\text{mm}^2/\text{s}$;
 To prevent motor overheating or overload, the pump should be used within the bold curve range.



Selection Data

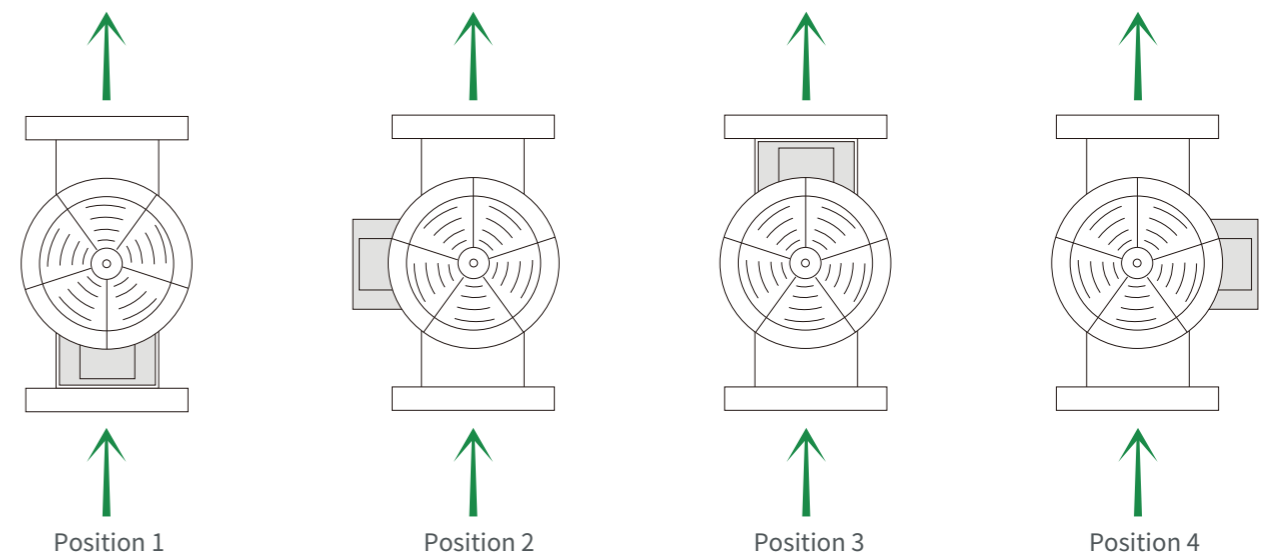
When choosing the size of the pump, consider these parameters:

- Extract the required flow and pressure for the point.
- Pressure loss caused by height difference (H).
- Friction loss (H_f) in pipelines may require consideration of pressure loss caused by long pipelines, bends, valves, or similar structures.
- Expected optimal efficiency of the work sinking point.
- NPSH value. For the calculation of NPSH value, please refer to the section on minimum inlet pressure NPSH.



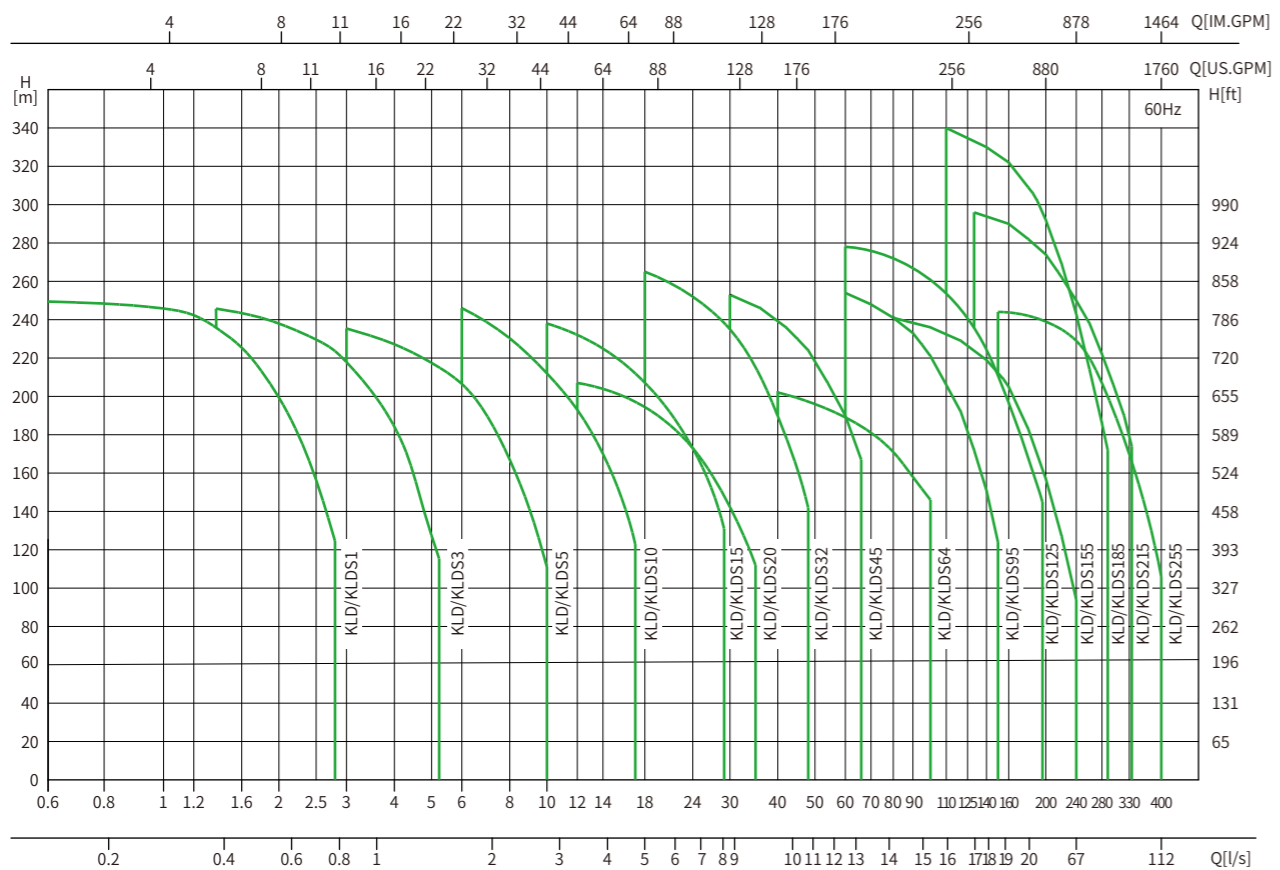
Location of Junction Box

Attention: Factory standard according to position 3



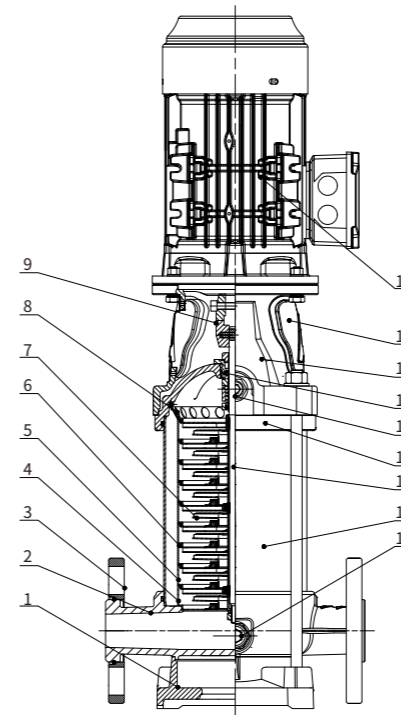
Range

model describe	1	3	5	10	15	20	32	45	64	95	125	155	185	215	255
Rated flow rate [m³/h]	1	3	5	10	15	20	32	45	64	95	125	155	185	215	255
Flow range [m³/h]	0.6-2.8	1.4-5.2	3.0-10.0	6.0-17.0	10.0-29.0	12.0-35.0	18.0-48.0	30.0-66.0	40.0-100.0	60-150	60-196	80-240	110-290	130-335	150-400
Maximum pressure [bar]	25	25	24	24	24	21	28	25	20	26	28	25	35	30	25
Motor Power [kW]	0.37-3	0.37-4	0.37-4	0.75-11	1.5-18.5	2.2-18.5	3.0-30	5.5-45	11-55	15-90	15-110	18.5-110	30-200	30-200	45-200
Temperature range [°C]	-20°C~+120°C, Attention: The maximum allowable working pressure and liquid temperature range are based on the bearing capacity of the water pump itself														
Maximum efficiency [%]	48	58	70	72	73	73	73	76	75	80	78	80	81	81.5	82
KLD pipe connection															
Oval flange	G1	G1	G1 1/4	/	/	/	/	/	/	/	/	/	/	/	/
DIN flange	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN150	DN150	DN200	DN200	DN200
KLDS pipe connection															
DIN flange	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN150	DN150	DN200	DN200	DN200
Clamp connection	φ42	φ42	φ42	φ57	φ57	φ57	/	/	/	/	/	/	/	/	/
Threaded	G1 1/4	G1 1/4	G1 1/4	G2	G2	G2	/	/	/	/	/	/	/	/	/



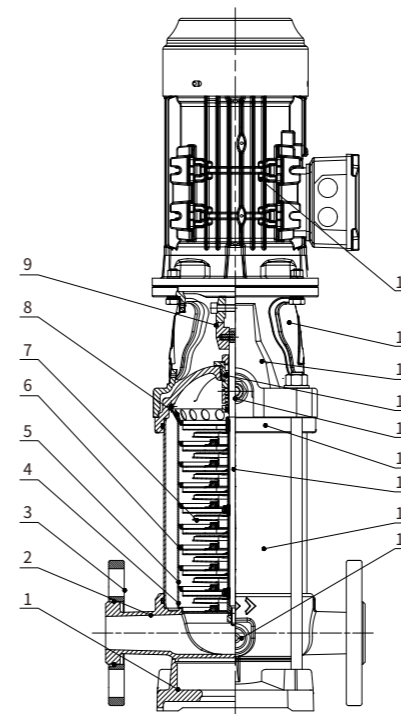
Structural Diagram

KLD1、3、5



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
3	Flange	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
4	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Half-coupling	Iron-based powder metallurgy	/	/
10	Motor	/	/	/
11	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
12	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
13	Mechanical seal	/	/	/
14	Vent plug assembly	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
15	Pump cover	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
16	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
17	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

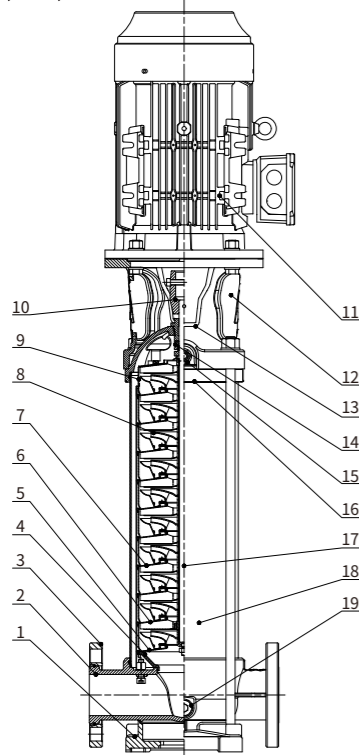
KLDS1、3、5



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
3	Flange	Stainless steel	GB/T1348-QT450-10	ASTMA395
4	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Half-coupling	Iron-based powder metallurgy	/	/
10	Motor	/	/	/
11	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
12	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
13	Mechanical seal	/	/	/
14	Vent plug assembly	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
15	Pump cover	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
16	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
17	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

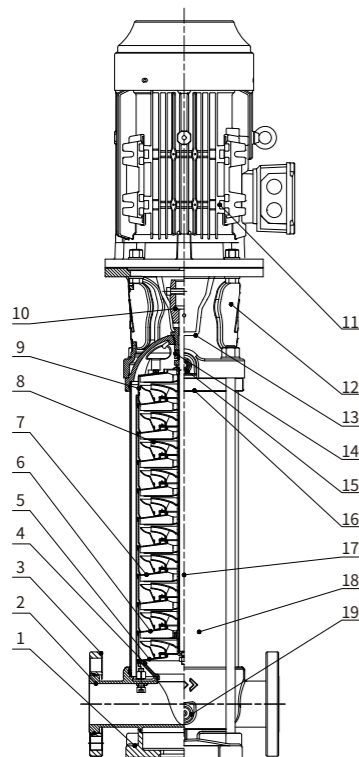
Structural Diagram

KLD10、15、20



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
3	Flange	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
4	Imported gland cover	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
10	Half-coupling	Iron-based powder metallurgy	/	/
11	Motor	/	/	/
12	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
13	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
14	Mechanical seal	/	/	/
15	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
16	Pump cover	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
17	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
19	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

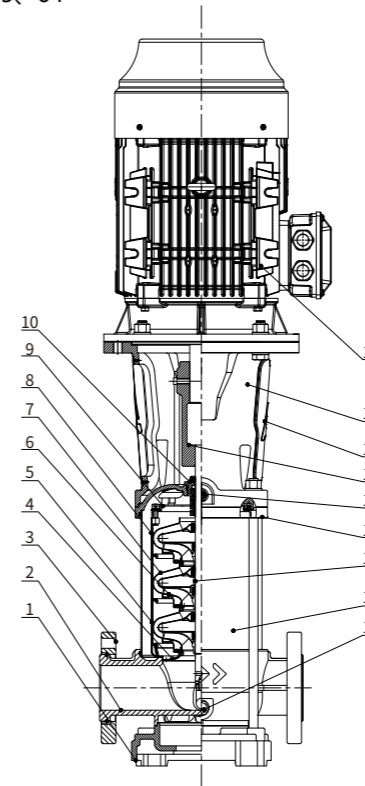
KLDS10、15、20



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
3	Flange	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
4	Imported gland cover	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
10	Half-coupling	Iron-based powder metallurgy	/	/
11	Motor	/	/	/
12	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
13	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
14	Mechanical seal	/	/	/
15	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
16	Pump cover	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
17	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
19	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

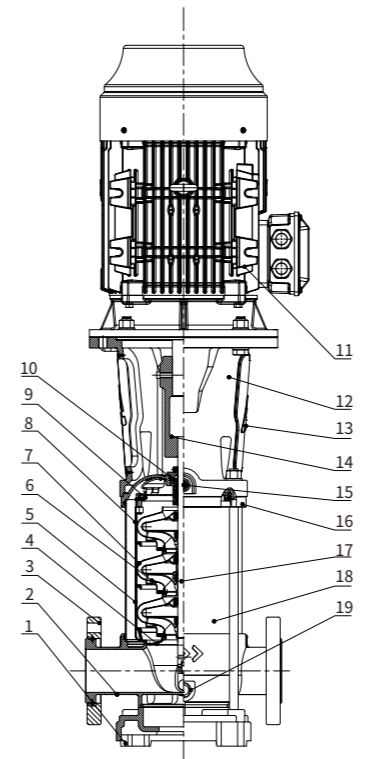
Structural Diagram

KLD32、45、64



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
3	Flange	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
4	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Tightening strap	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
10	Mechanical seal	/	/	/
11	Motor	/	/	/
12	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
13	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
14	Half-coupling	Iron-based powder metallurgy	/	/
15	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
16	Pump cover	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
17	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
19	Discharge bolt	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

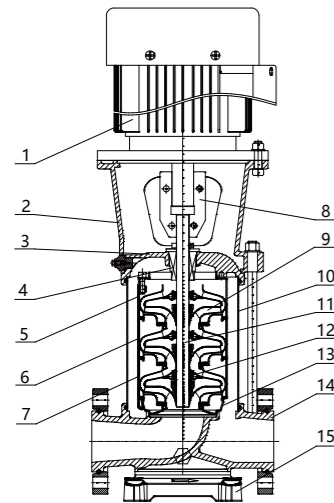
KLDS32、45、64



No.	Name	Materials	GB	AISI/ASTM
1	Base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
2	Pump body	Stainless steel	GB/T2100-ZG07Cr19Ni9	AISI304
3	Flange	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
4	First diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Medium diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Diffuser with bearing	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	Tightening strap	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
9	Final diffuser	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
10	Mechanical seal	/	/	/
11	Motor	/	/	/
12	Motor base	Nodular cast iron	GB/T1348-QT450-10	ASTMA395
13	Guarding plate	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
14	Half-coupling	Iron-based powder metallurgy	/	/
15	Discharge bolt assem	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
16	Pump cover	Stainless steel	GB/T2100-ZG07Cr19Ni9	AISI304
17	Pump shaft	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
18	Pump barrel	Stainless steel	GB/T20878-06Cr19Ni10	AISI304
19	Discharge bolt	Stainless steel	GB/T20878-06Cr19Ni10	AISI304

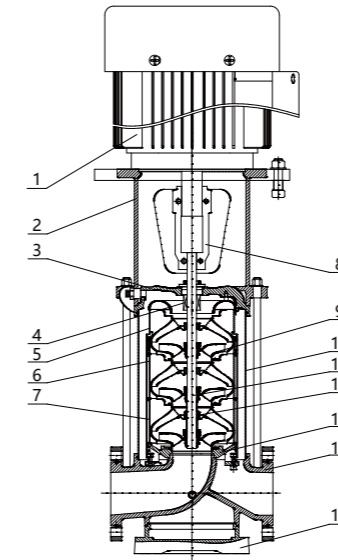
Structural Diagram

KLD95、125、155、185、215、255



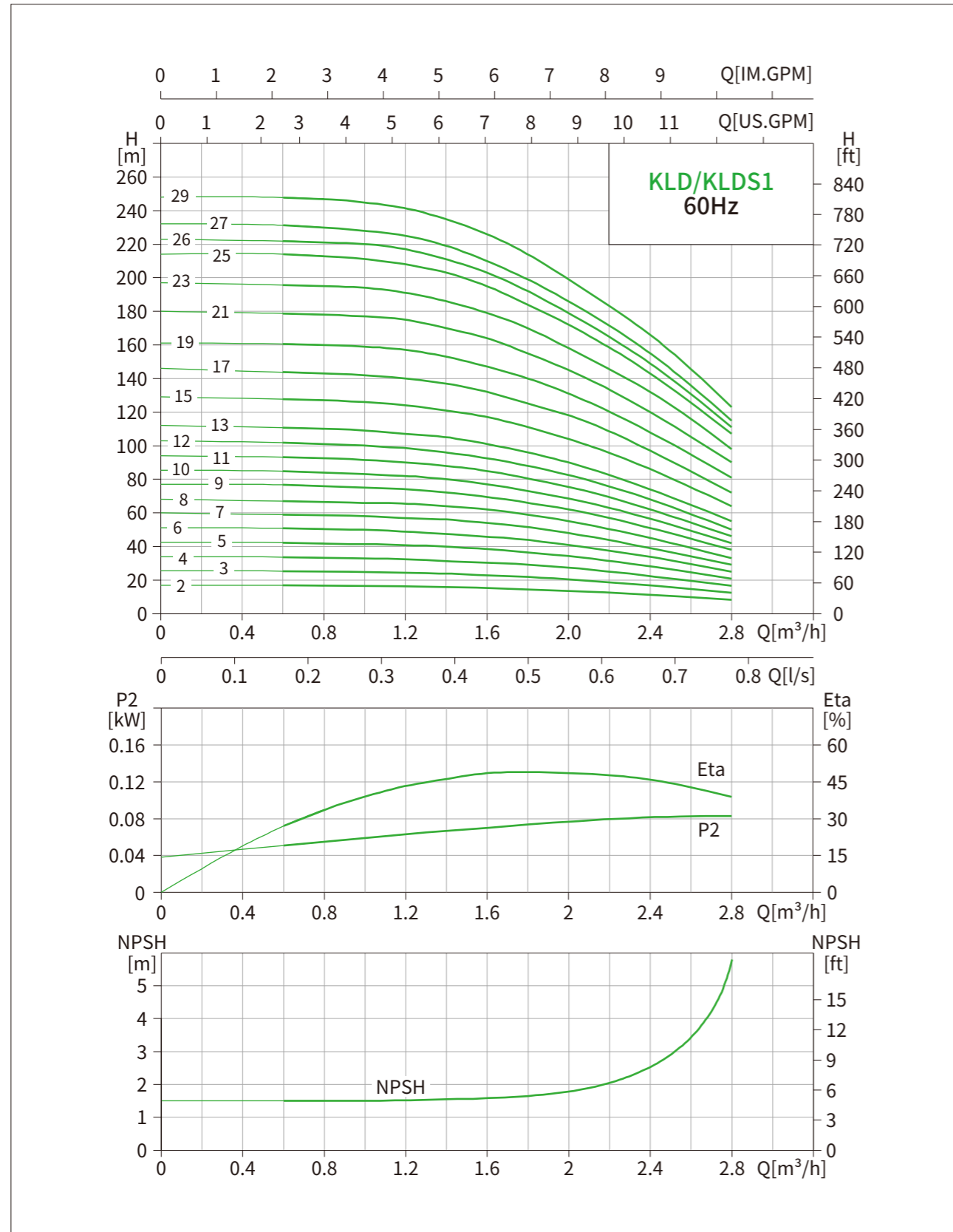
Number	Name	Material	GB	AISI/ASTM
1	base	nodular cast iron	GB 1348-QT500-7	/
2	pump body	nodular cast iron	GB 1348-QT500-7	/
3	Primary conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
4	Bearing fluid guide	stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Intermediate conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	impeller	stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Last stage conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	motor base	nodular cast iron	GB 1348-QT500-7	/
9	coupling	nodular cast iron	GB 1348-QT500-7	/
10	electrical machinery	/	/	/
11	mechanical seal	/	/	/
12	pump cover	nodular cast iron	GB 1348-QT500-7	/
13	pump shaft	stainless steel	GB/T20878-06Cr19Ni10	AISI304
14	pump barrel	stainless steel	GB/T20878-06Cr19Ni10	AISI304
15	bearing	silicon carbide/ tungsten carbide	/	/

KLDS95、125、155、185、215、255

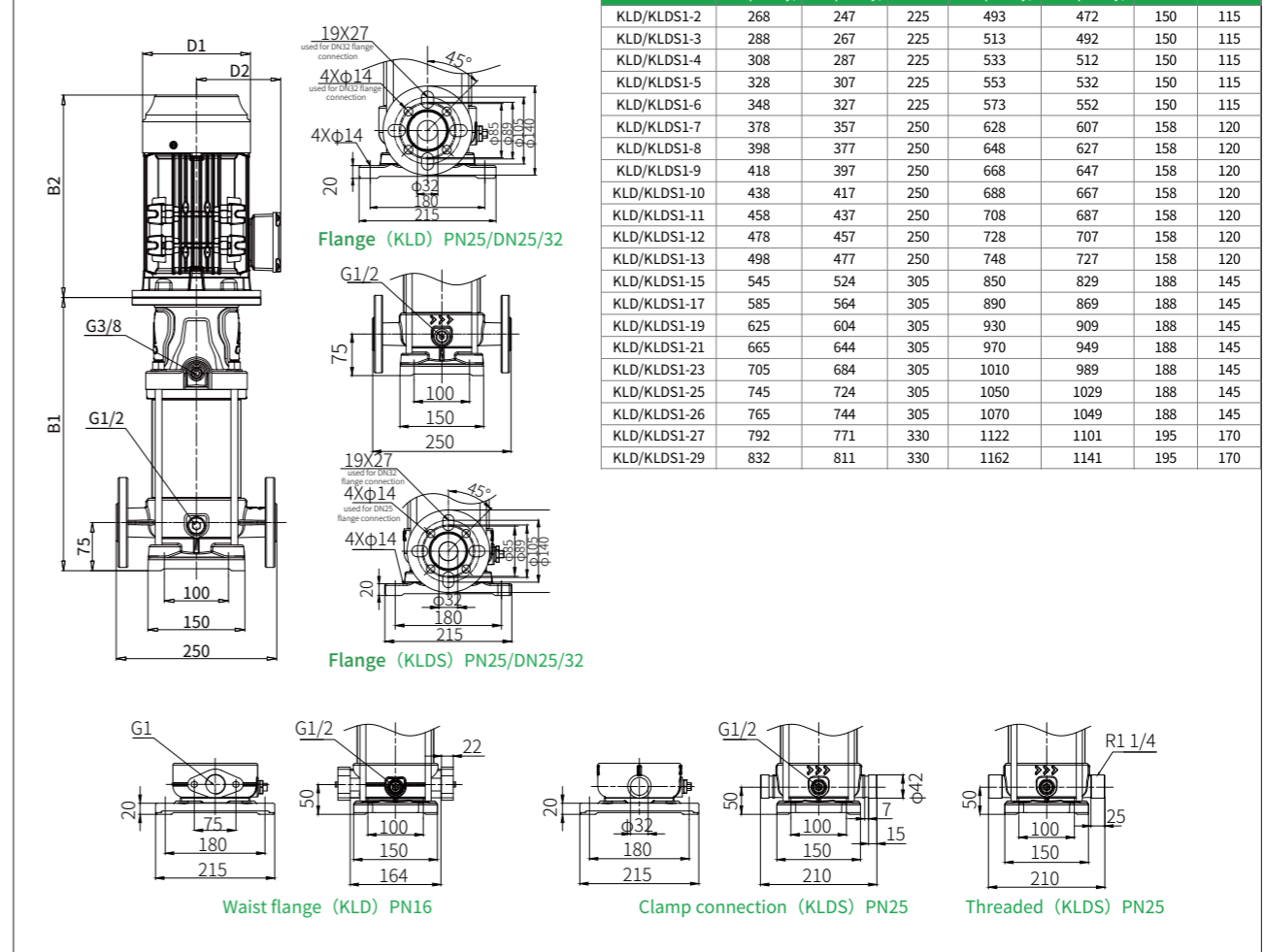


Number	Name	Material	GB	AISI/ASTM
1	base	nodular cast iron	GB 1348-QT500-7	/
2	pump body	stainless steel	GB/T2100-ZG07Cr19Ni9	AISI304
3	Primary conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
4	Bearing fluid guide	stainless steel	GB/T20878-06Cr19Ni10	AISI304
5	Intermediate conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
6	impeller	stainless steel	GB/T20878-06Cr19Ni10	AISI304
7	Last stage conductive fluid	stainless steel	GB/T20878-06Cr19Ni10	AISI304
8	motor base	nodular cast iron	GB 1348-QT500-7	/
9	coupling	nodular cast iron	GB 1348-QT500-7	/
10	electrical machinery	/	/	/
11	mechanical seal	/	/	/
12	pump cover	stainless steel	GB/T2100-ZG07Cr19Ni9	AISI304
13	pump shaft	stainless steel	GB/T20878-06Cr19Ni10	AISI304
14	pump barrel	stainless steel	GB/T20878-06Cr19Ni10	AISI304
15	bearing	silicon carbide/ tungsten carbide	/	/

Performance Curve



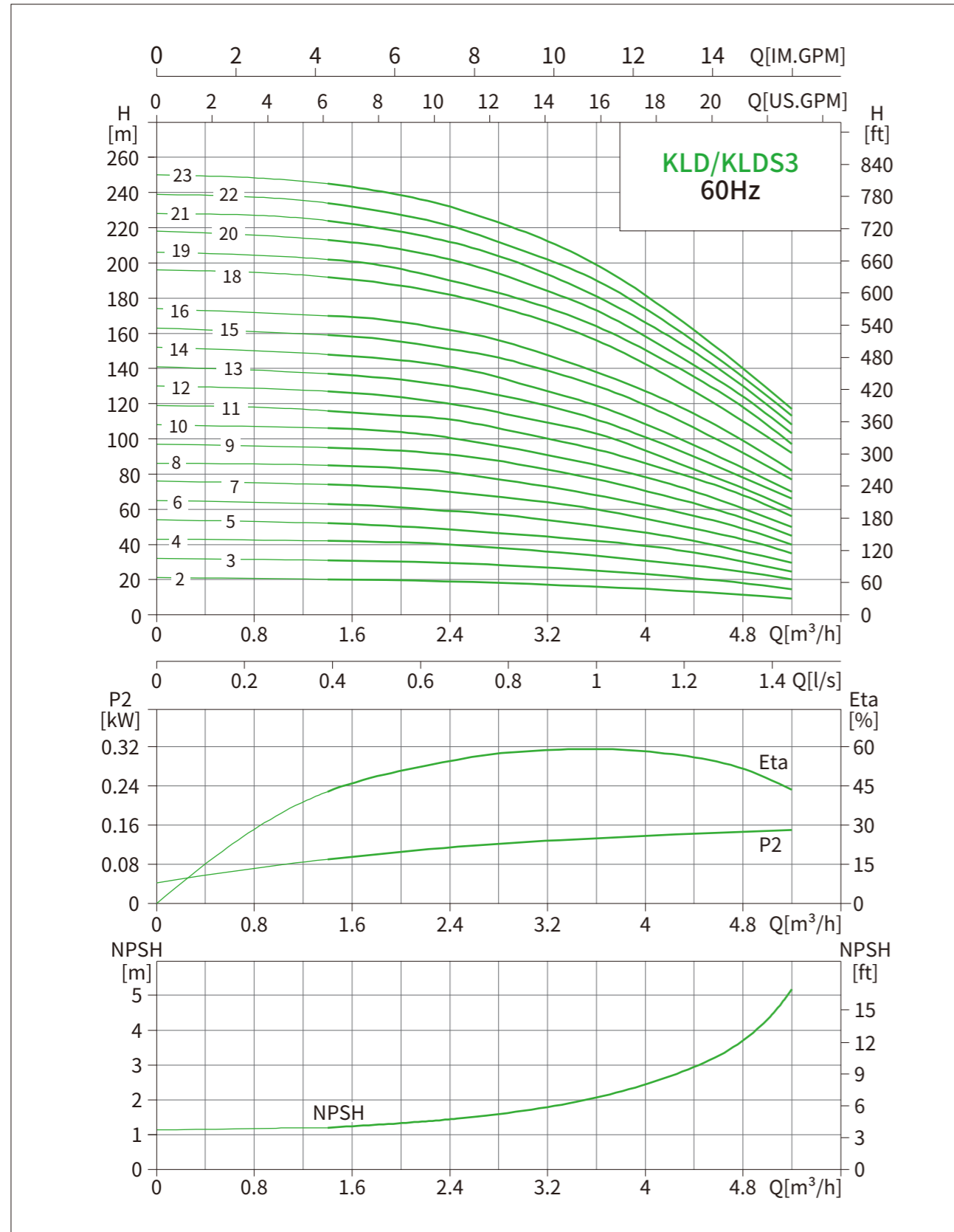
Installation dimension



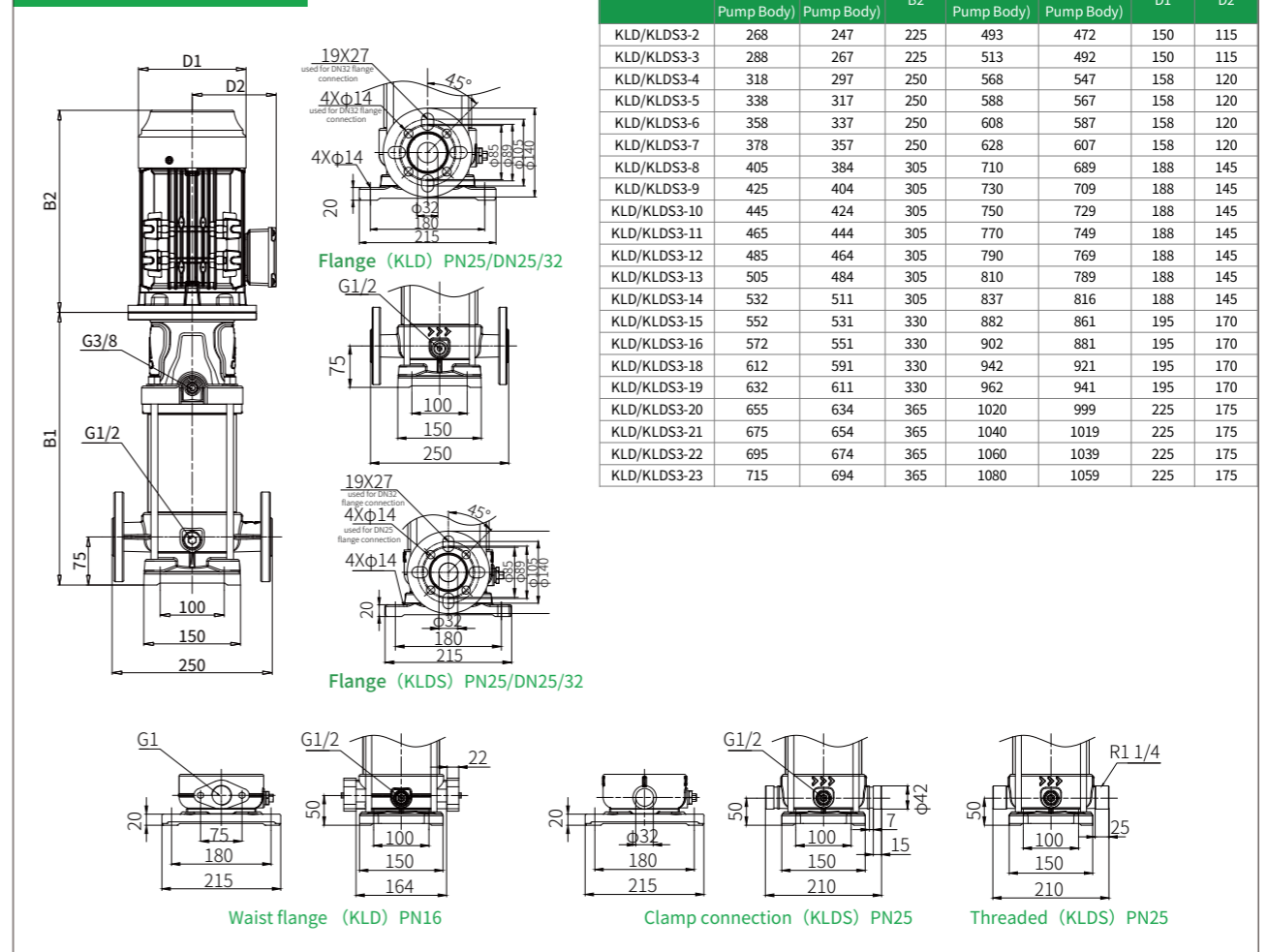
Model	Dimension(mm)				D1	D2	
	B1(Flange Pump Body)	B1(Other Pump Body)	B2	B1+B2(Flange Pump Body)			B1+B2(Other Pump Body)
KLD/KLDS1-2	268	247	225	493	472	150	115
KLD/KLDS1-3	288	267	225	513	492	150	115
KLD/KLDS1-4	308	287	225	533	512	150	115
KLD/KLDS1-5	328	307	225	553	532	150	115
KLD/KLDS1-6	348	327	225	573	552	150	115
KLD/KLDS1-7	378	357	250	628	607	158	120
KLD/KLDS1-8	398	377	250	648	627	158	120
KLD/KLDS1-9	418	397	250	668	647	158	120
KLD/KLDS1-10	438	417	250	688	667	158	120
KLD/KLDS1-11	458	437	250	708	687	158	120
KLD/KLDS1-12	478	457	250	728	707	158	120
KLD/KLDS1-13	498	477	250	748	727	158	120
KLD/KLDS1-15	545	524	305	850	829	188	145
KLD/KLDS1-17	585	564	305	890	869	188	145
KLD/KLDS1-19	625	604	305	930	909	188	145
KLD/KLDS1-21	665	644	305	970	949	188	145
KLD/KLDS1-23	705	684	305	1010	989	188	145
KLD/KLDS1-25	745	724	305	1050	1029	188	145
KLD/KLDS1-26	765	744	305	1070	1049	188	145
KLD/KLDS1-27	792	771	330	1122	1101	195	170
KLD/KLDS1-29	832	811	330	1162	1141	195	170

model	motor power[kW]	Q[m³/h]	0	0.6	0.8	1	1.2	1.4	1.6	2	2.4	2.8
KLD/KLDS1-2	0.37		17.5	17	16.8	16.6	16.4	16	15.4	13.7	11.3	8.4
KLD/KLDS1-3	0.37		26	25.5	25.3	25	24.6	24	23	20.5	17	12.5
KLD/KLDS1-4	0.37		34	33.8	33.5	33	32.5	31.5	30.5	27.5	22.5	16.8
KLD/KLDS1-5	0.55		43	42.5	42	41.5	41	40	38.6	34.4	28.3	21
KLD/KLDS1-6	0.55		51.5	51	50.6	50	49	47.5	46	41	34	25
KLD/KLDS1-7	0.75		60	59	58.5	58	57	56	54	48	39	29
KLD/KLDS1-8	0.75		68	67	66.5	66	65.5	64	62	55	45	33
KLD/KLDS1-9	0.75		77	76.5	76	75	74	72	69.5	62	51	38
KLD/KLDS1-10	1.1		85.5	84.5	84	83	82	80	77	68.5	56.5	42
KLD/KLDS1-11	1.1		94	93	92.5	91.5	90	88	85	75.5	62	46
KLD/KLDS1-12	1.1		103	102	101	100	98.5	96	92.5	82.5	68	50
KLD/KLDS1-13	1.1		112	111	110	109	107	105	101	90	74	55
KLD/KLDS1-15	1.5		129	128	127	126	124	121	117	104	86	64
KLD/KLDS1-17	1.5		146	144	143	142	140	137	132	118	97	72
KLD/KLDS1-19	2.2		162	161	160	159	157	153	147	131	108	81
KLD/KLDS1-21	2.2		180	179	178	177	175	170	164	145	120	90
KLD/KLDS1-23	2.2		197	196	195	194	191	186	179	158	132	98
KLD/KLDS1-25	2.2		215	214	213	211	208	203	195	172	143	107
KLD/KLDS1-26	2.2		223	222	221	220	217	211	203	179	149	111
KLD/KLDS1-27	3		232	231	230	228	225	219	210	186	155	115
KLD/KLDS1-29	3		249	248	247	245	242	235	226	199	166	123

Performance Curve



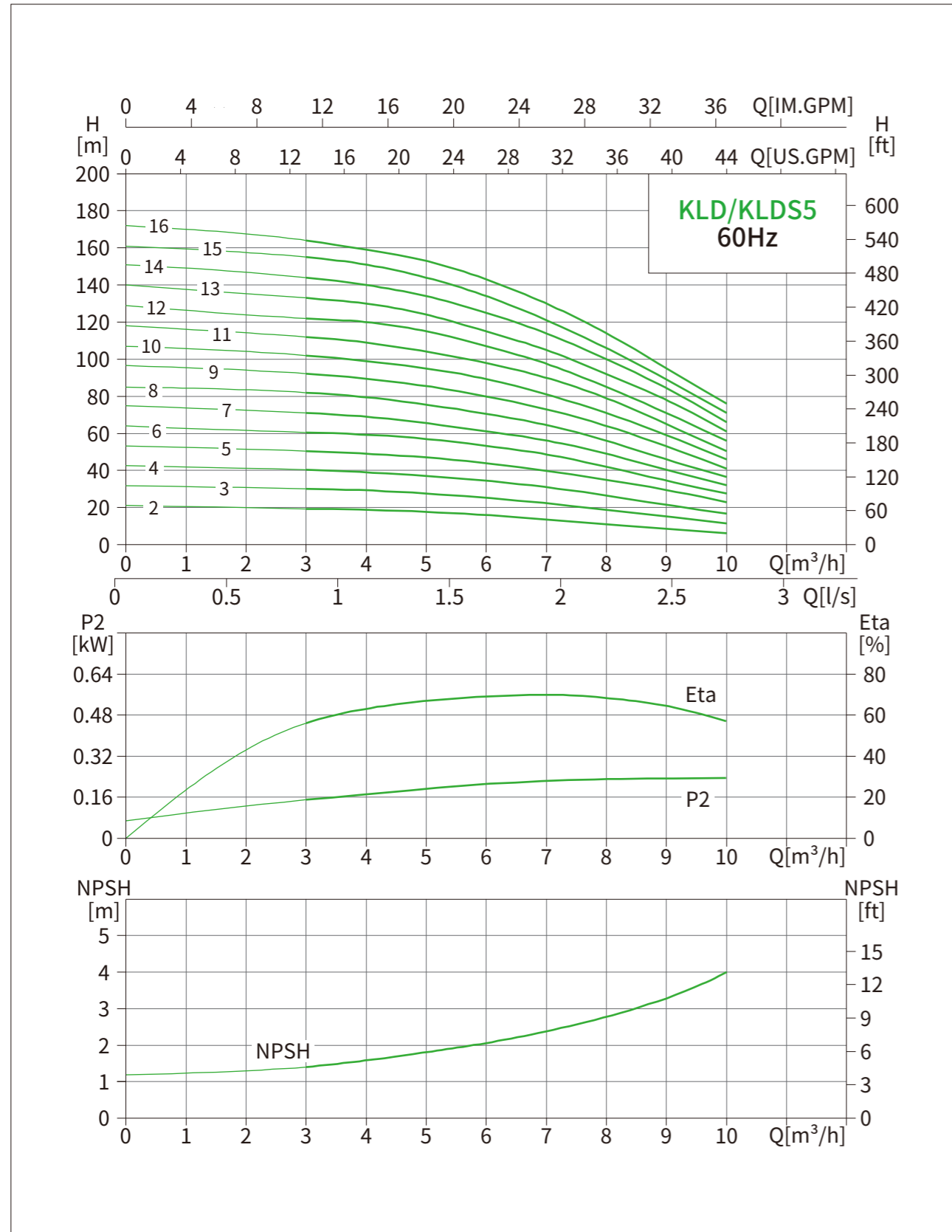
Installation dimension



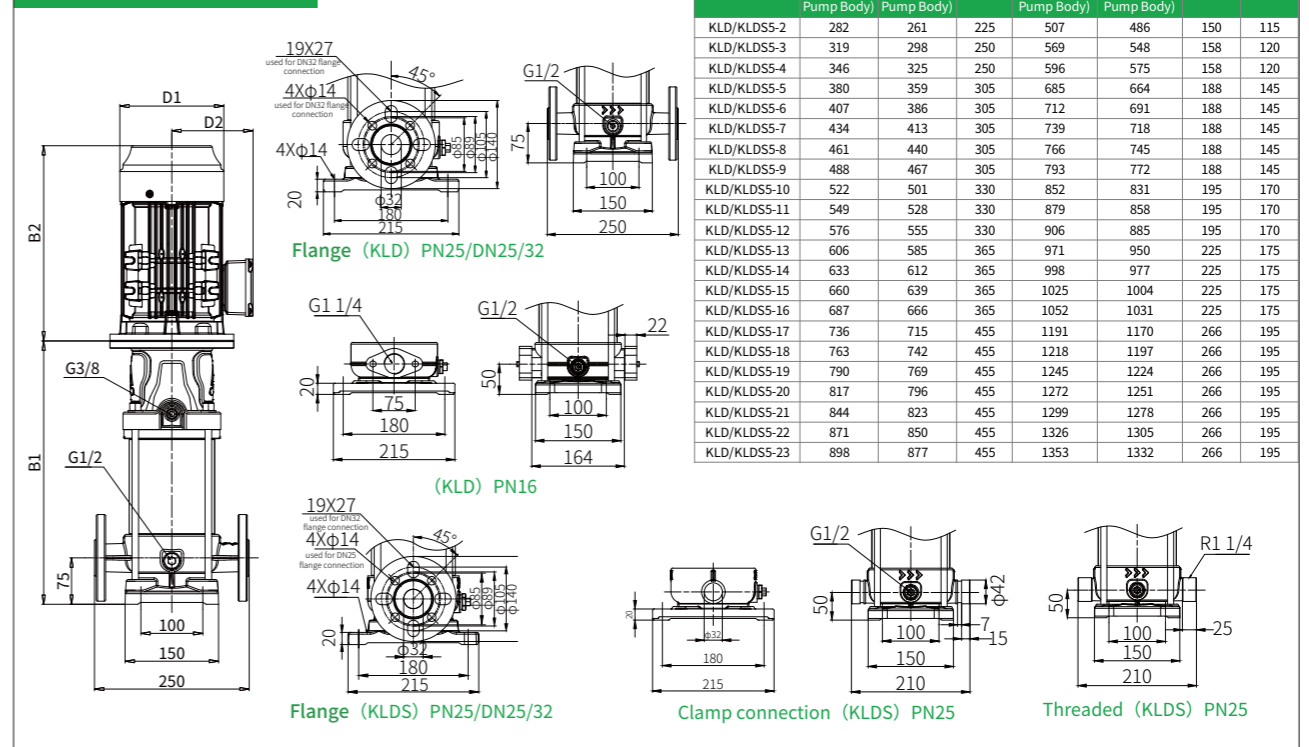
Model	Dimension(mm)					D1	D2
	B1(Flange Pump Body)	B1(Other Pump Body)	B2	B1+B2(Flange Pump Body)	B1+B2(Other Pump Body)		
KLD/KLDS3-2	268	247	225	493	472	150	115
KLD/KLDS3-3	288	267	225	513	492	150	115
KLD/KLDS3-4	318	297	250	568	547	158	120
KLD/KLDS3-5	338	317	250	588	567	158	120
KLD/KLDS3-6	358	337	250	608	587	158	120
KLD/KLDS3-7	378	357	250	628	607	158	120
KLD/KLDS3-8	405	384	305	710	689	188	145
KLD/KLDS3-9	425	404	305	730	709	188	145
KLD/KLDS3-10	445	424	305	750	729	188	145
KLD/KLDS3-11	465	444	305	770	749	188	145
KLD/KLDS3-12	485	464	305	790	769	188	145
KLD/KLDS3-13	505	484	305	810	789	188	145
KLD/KLDS3-14	532	511	305	837	816	188	145
KLD/KLDS3-15	552	531	330	882	861	195	170
KLD/KLDS3-16	572	551	330	902	881	195	170
KLD/KLDS3-18	612	591	330	942	921	195	170
KLD/KLDS3-19	632	611	330	962	941	195	170
KLD/KLDS3-20	655	634	365	1020	999	225	175
KLD/KLDS3-21	675	654	365	1040	1019	225	175
KLD/KLDS3-22	695	674	365	1060	1039	225	175
KLD/KLDS3-23	715	694	365	1080	1059	225	175

model	motor power [kW]	Q[m³/h]	0	1.4	1.8	2.4	2.8	3	3.6	4.2	4.8	5.2
KLD/KLDS3-2	0.37		21.2	20.2	19.8	19	18.2	17.7	16	14	11.5	9.2
KLD/KLDS3-3	0.55		32	31	30.5	29.5	28.4	27.6	25.2	22	18	14.6
KLD/KLDS3-4	0.75		43	42	41.5	40	38	37	33.5	29.5	24.5	20
KLD/KLDS3-5	1.1		54	52	51	48.5	46.5	45.5	42	37.5	30.2	24.5
KLD/KLDS3-6	1.1		65	63	62	59	57	55.5	50.5	44.5	36	29.5
KLD/KLDS3-7	1.1		76	74	73	70	67	65.5	60	52	43.2	35
KLD/KLDS3-8	1.5		86	85	84	81	77	75	68	59.5	49	40
KLD/KLDS3-9	1.5		97	95	94	91	87.5	85	77	67	55	45
KLD/KLDS3-10	2.2		108	106	105	101	96	93.5	85	74.5	60.5	50
KLD/KLDS3-11	2.2		119	116	114	111	106	103	94	82	68	56
KLD/KLDS3-12	2.2	H[m]	130	127	125	120	115	112	103	88	72	60
KLD/KLDS3-13	2.2		141	137	135	130	125	122	111	95.5	78	66
KLD/KLDS3-14	2.2		152	148	146	141	135	131	119	102.5	83.5	70
KLD/KLDS3-15	3		163	159	157	151	146	142	130	113	92	77
KLD/KLDS3-16	3		174	170	168	161	156	152	138	121	99	82
KLD/KLDS3-18	3		196	192	189	182	175	171	156	135	110	92
KLD/KLDS3-19	3		206	202	199	190	183	179	164	143	118	97
KLD/KLDS3-20	4		218	213	210	202	194	189	173	150	124	103
KLD/KLDS3-21	4		228	224	220	212	204	199	181	158	130	108
KLD/KLDS3-22	4		239	234	230	222	212	207	190	165	135	113
KLD/KLDS3-23	4		250	245	241	232	223	218	199	172	140	117

Performance Curve



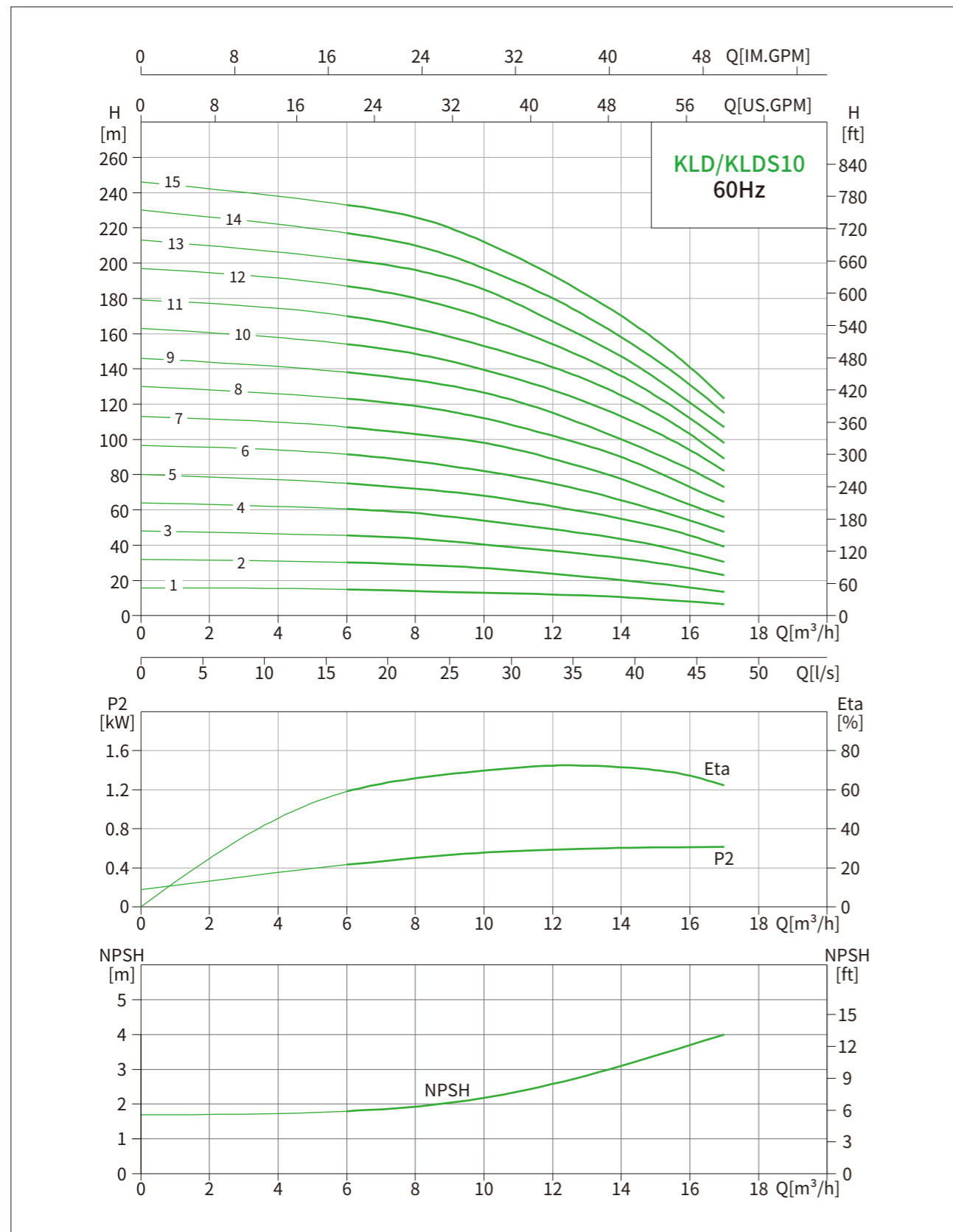
Installation dimension



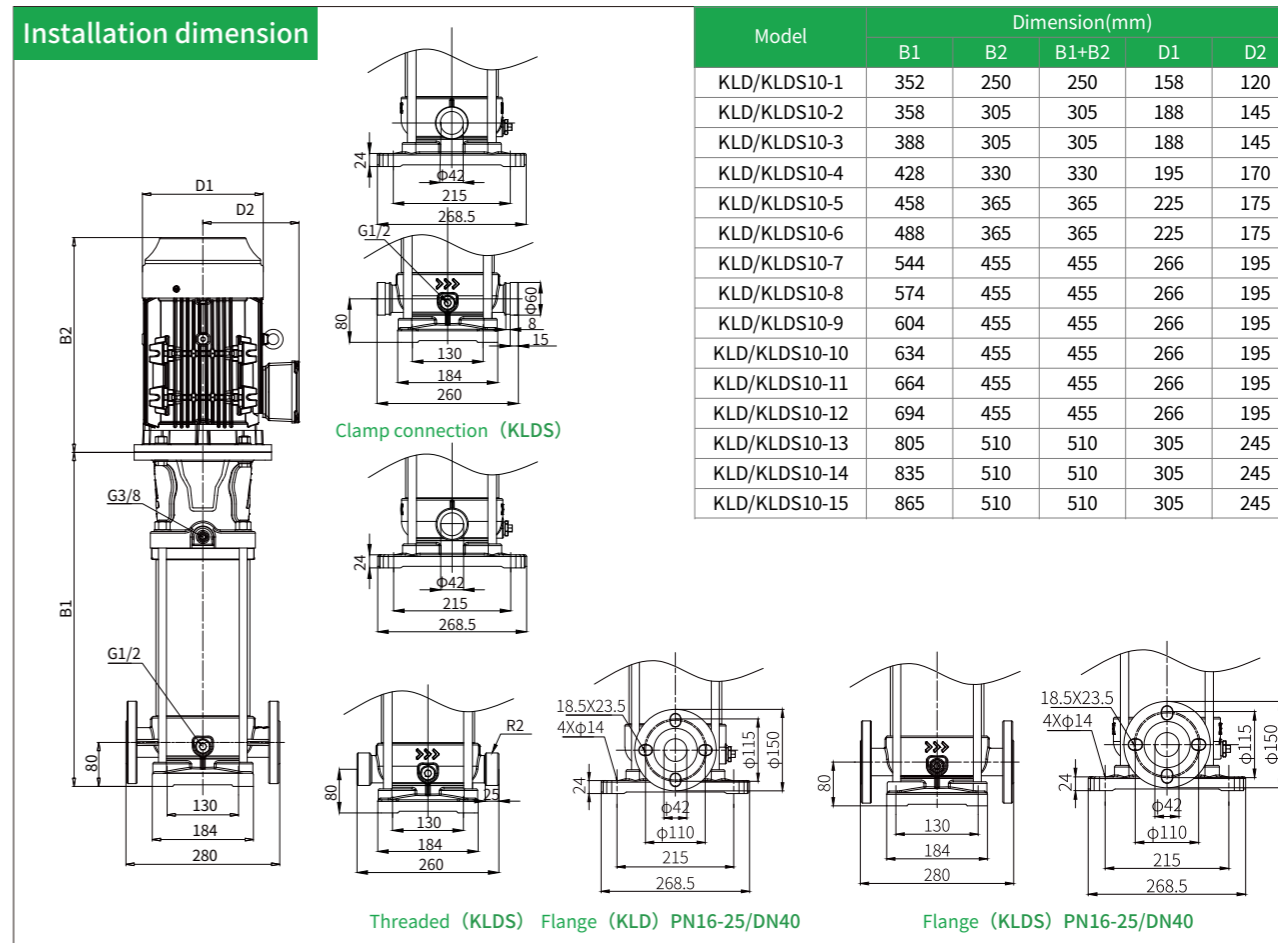
Model	Dimension(mm)						
	B1(Flange Pump Body)	B1(Other Pump Body)	B2	B1+B2(Flange Pump Body)	B1+B2(Other Pump Body)	D1	D2
KLD/KLDS5-2	282	261	225	507	486	150	115
KLD/KLDS5-3	319	298	250	569	548	158	120
KLD/KLDS5-4	346	325	250	596	575	158	120
KLD/KLDS5-5	380	359	305	685	664	188	145
KLD/KLDS5-6	407	386	305	712	691	188	145
KLD/KLDS5-7	434	413	305	739	718	188	145
KLD/KLDS5-8	461	440	305	766	745	188	145
KLD/KLDS5-9	488	467	305	793	772	188	145
KLD/KLDS5-10	522	501	330	852	831	195	170
KLD/KLDS5-11	549	528	330	879	858	195	170
KLD/KLDS5-12	576	555	330	906	885	195	170
KLD/KLDS5-13	606	585	365	971	950	225	175
KLD/KLDS5-14	633	612	365	998	977	225	175
KLD/KLDS5-15	660	639	365	1025	1004	225	175
KLD/KLDS5-16	687	666	365	1052	1031	225	175
KLD/KLDS5-17	736	715	455	1191	1170	266	195
KLD/KLDS5-18	763	742	455	1218	1197	266	195
KLD/KLDS5-19	790	769	455	1245	1224	266	195
KLD/KLDS5-20	817	796	455	1272	1251	266	195
KLD/KLDS5-21	844	823	455	1299	1278	266	195
KLD/KLDS5-22	871	850	455	1326	1305	266	195
KLD/KLDS5-23	898	877	455	1353	1332	266	195

model	motor power[kW]	Q[m³/h]	0	3	4	5	6	7	8	9	10
KLD/KLDS5-2	0.55	0.75	21.2	19.4	18.8	17.7	16	13.5	11	8.6	6.2
KLD/KLDS5-3	0.75	1	31.8	30.2	29.3	27.6	25.5	22.3	18.8	15.2	11.5
KLD/KLDS5-4	1.1	1.5	42.5	40.3	39	37	34.5	31	26.5	21.5	16.8
KLD/KLDS5-5	1.5	2	53.3	50.4	49	47	44	39.8	35	29.5	23
KLD/KLDS5-6	1.5	2	64	60.5	59.3	57	53.3	48.7	42	34.5	27.5
KLD/KLDS5-7	2.2	3	75	71	69	65.5	61.2	56.2	49	40.5	32
KLD/KLDS5-8	2.2	3	85	82	79.5	75.5	70.6	64.5	56	46	36.5
KLD/KLDS5-9	2.2	3	96.5	92.2	89.5	85.5	80	73	64	53	41
KLD/KLDS5-10	3	4	107	102	99	95	89.3	81	71	59	46
KLD/KLDS5-11	3	4	118	112	109	104	98	90	79	65	50.5
KLD/KLDS5-12	3	4	129	122	120	115	107	97.5	85	71	56
KLD/KLDS5-13	4	5.5	140	133	130	124	115	105	92	78	61
KLD/KLDS5-14	4	5.5	151	144	140	134	125	114	100	84.5	66
KLD/KLDS5-15	4	5.5	161	155	151	144	134	121	106	89	71
KLD/KLDS5-16	4	5.5	172	164	159	153	143	130	114	95	76
KLD/KLDS5-17	5.5	7.5	183	174	168	161	151	139	121	102	81
KLD/KLDS5-18	5.5	7.5	194	184	179	171	160	146	128	108	86
KLD/KLDS5-19	5.5	7.5	205	195.5	188.5	181	168.5	155	137	117	92.5
KLD/KLDS5-20	5.5	7.5	215	206	199	190	179	162	143	120	95
KLD/KLDS5-21	5.5	7.5	226	216	209	199	187	171	151	126	100
KLD/KLDS5-22	5.5	7.5	236	226	218	208	196	180	158	134	107
KLD/KLDS5-23	5.5	7.5	248	237	228	218	205	188	166	141	113

Performance Curve



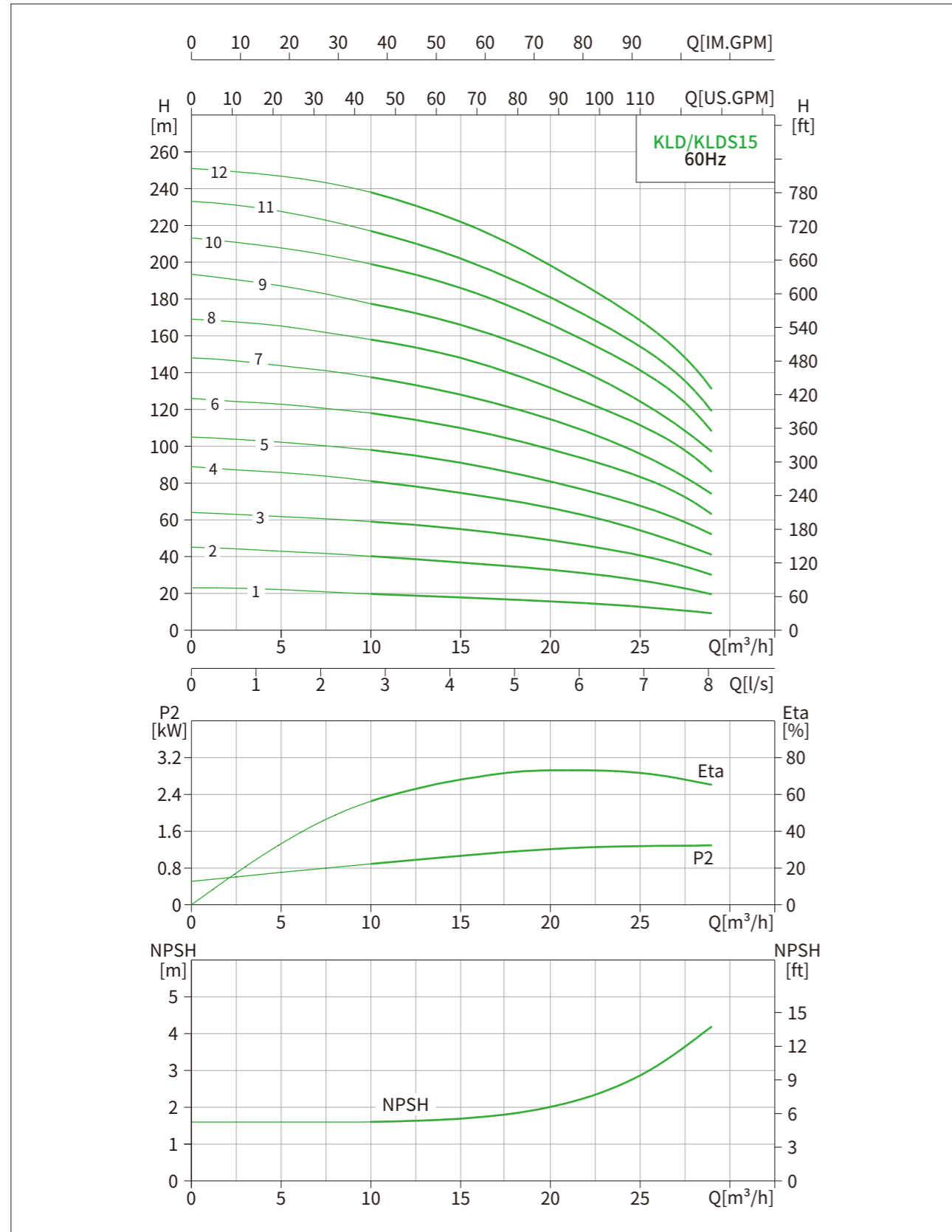
Installation dimension



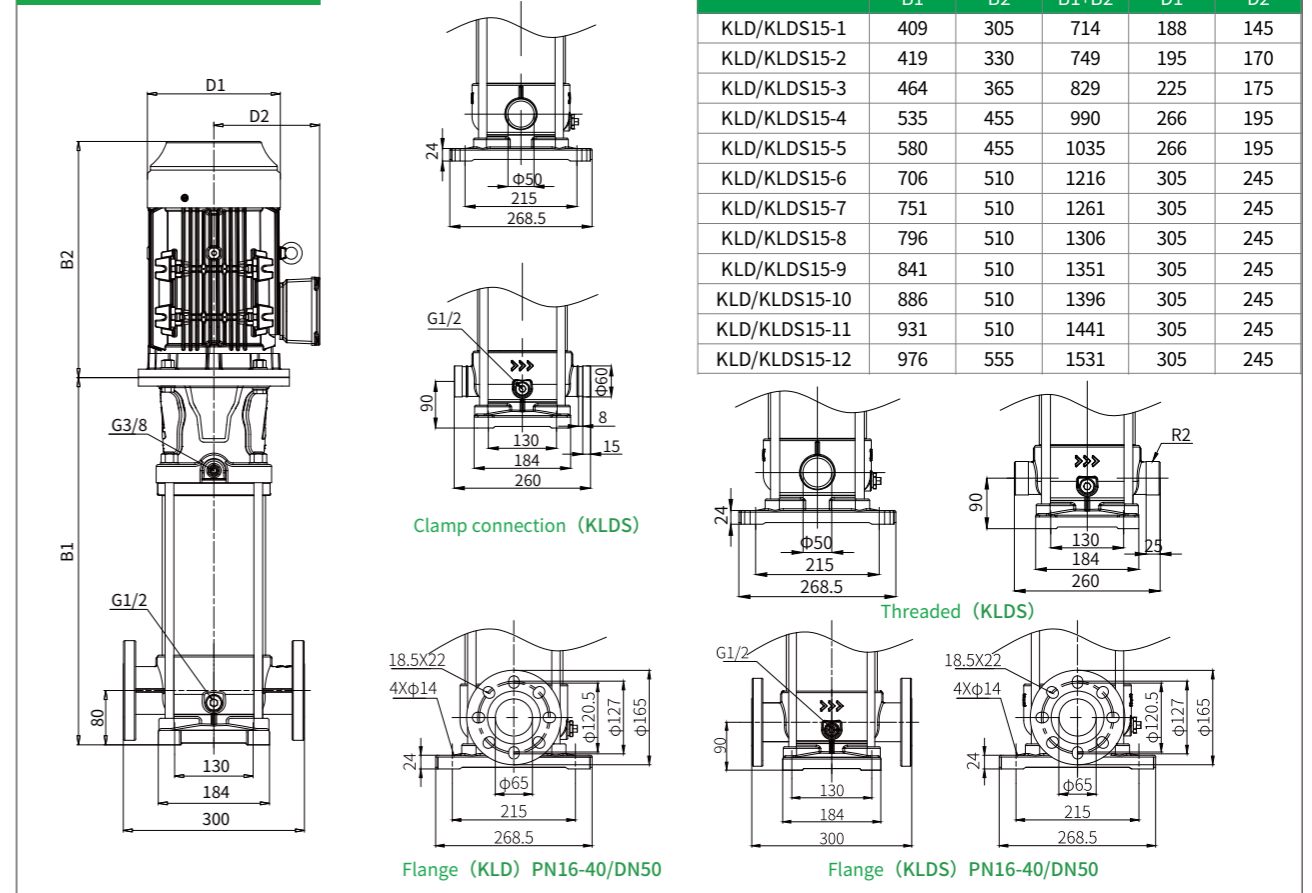
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS10-1	352	250	250	158	120
KLD/KLDS10-2	358	305	305	188	145
KLD/KLDS10-3	388	305	305	188	145
KLD/KLDS10-4	428	330	330	195	170
KLD/KLDS10-5	458	365	365	225	175
KLD/KLDS10-6	488	365	365	225	175
KLD/KLDS10-7	544	455	455	266	195
KLD/KLDS10-8	574	455	455	266	195
KLD/KLDS10-9	604	455	455	266	195
KLD/KLDS10-10	634	455	455	266	195
KLD/KLDS10-11	664	455	455	266	195
KLD/KLDS10-12	694	455	455	266	195
KLD/KLDS10-13	805	510	510	305	245
KLD/KLDS10-14	835	510	510	305	245
KLD/KLDS10-15	865	510	510	305	245

model	motor power[kW]	Q[m³/h]	0	6	8	10	12	14	16	17
KLD/KLDS10-1	0.75	H[m]	15.8	14.9	14	13	12	10.5	8	6.5
KLD/KLDS10-2	1.5		32	30.2	29	27	23.8	20.2	16	13.5
KLD/KLDS10-3	2.2		48	45.5	44	40.5	36.5	32.5	27	23
KLD/KLDS10-4	3		64	60.5	58	54	49	43.5	35.5	30.5
KLD/KLDS10-5	4		80	75	72	68	62	55	45.5	39
KLD/KLDS10-6	4		96.5	91.5	87.5	82	75	65.5	54	47.5
KLD/KLDS10-7	5.5		113	107	103	98	89	77.5	63	56
KLD/KLDS10-8	5.5		130	123	119.5	112	102	90	73	64.5
KLD/KLDS10-9	7.5		146	138	133.5	126.5	115	100	83	73
KLD/KLDS10-10	7.5		163	154	148.5	139.5	128	113	94	82
KLD/KLDS10-11	7.5		179	170	163	153	141	125	103	89
KLD/KLDS10-12	7.5		197	187	180	169	154	136	112	98
KLD/KLDS10-13	11		213	202	196	185	167	147	121	108
KLD/KLDS10-14	11		230	217	210	197	180	150	131	115
KLD/KLDS10-15	11		246	233	226	212	193	170	141	123

Performance Curve



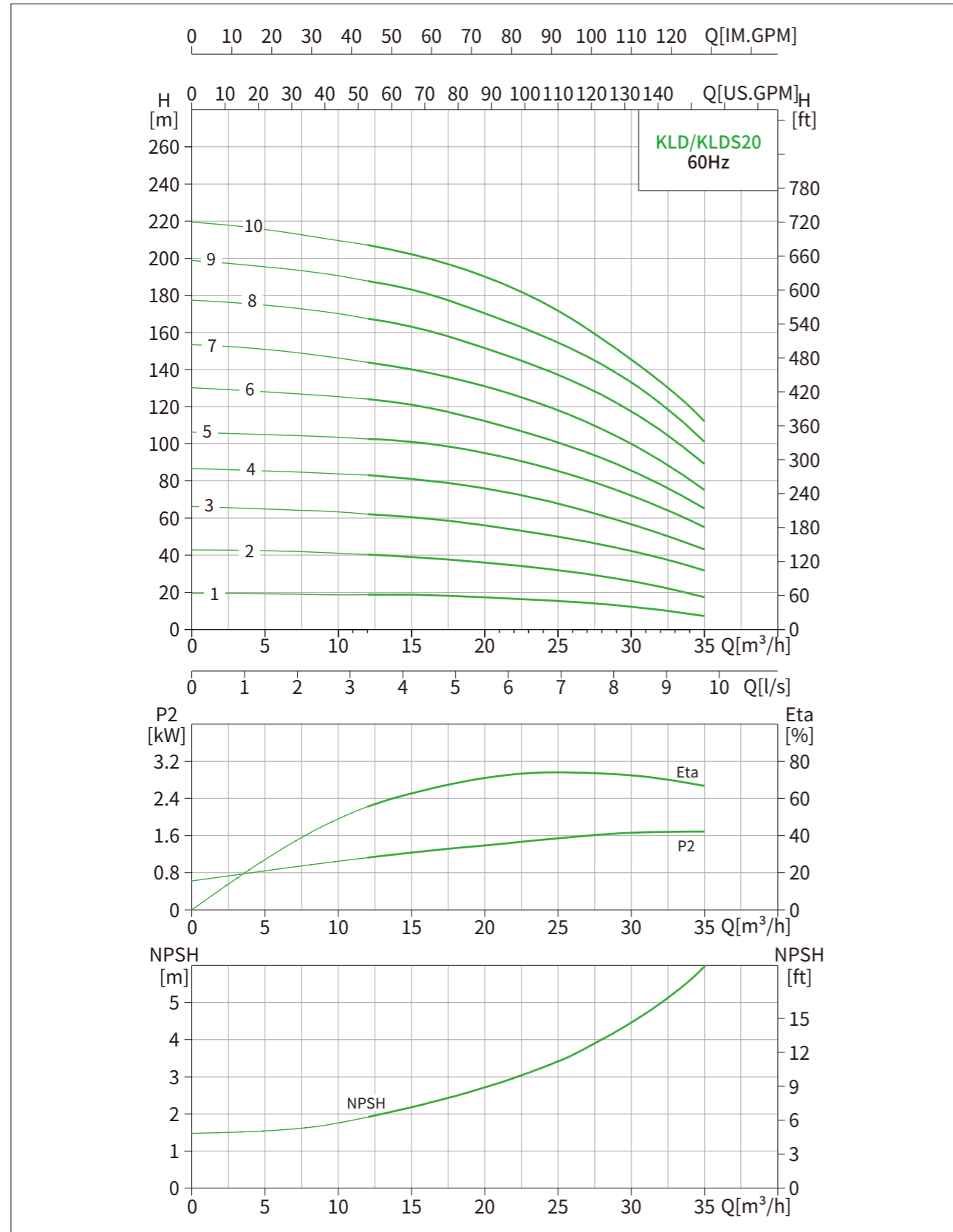
Installation dimension



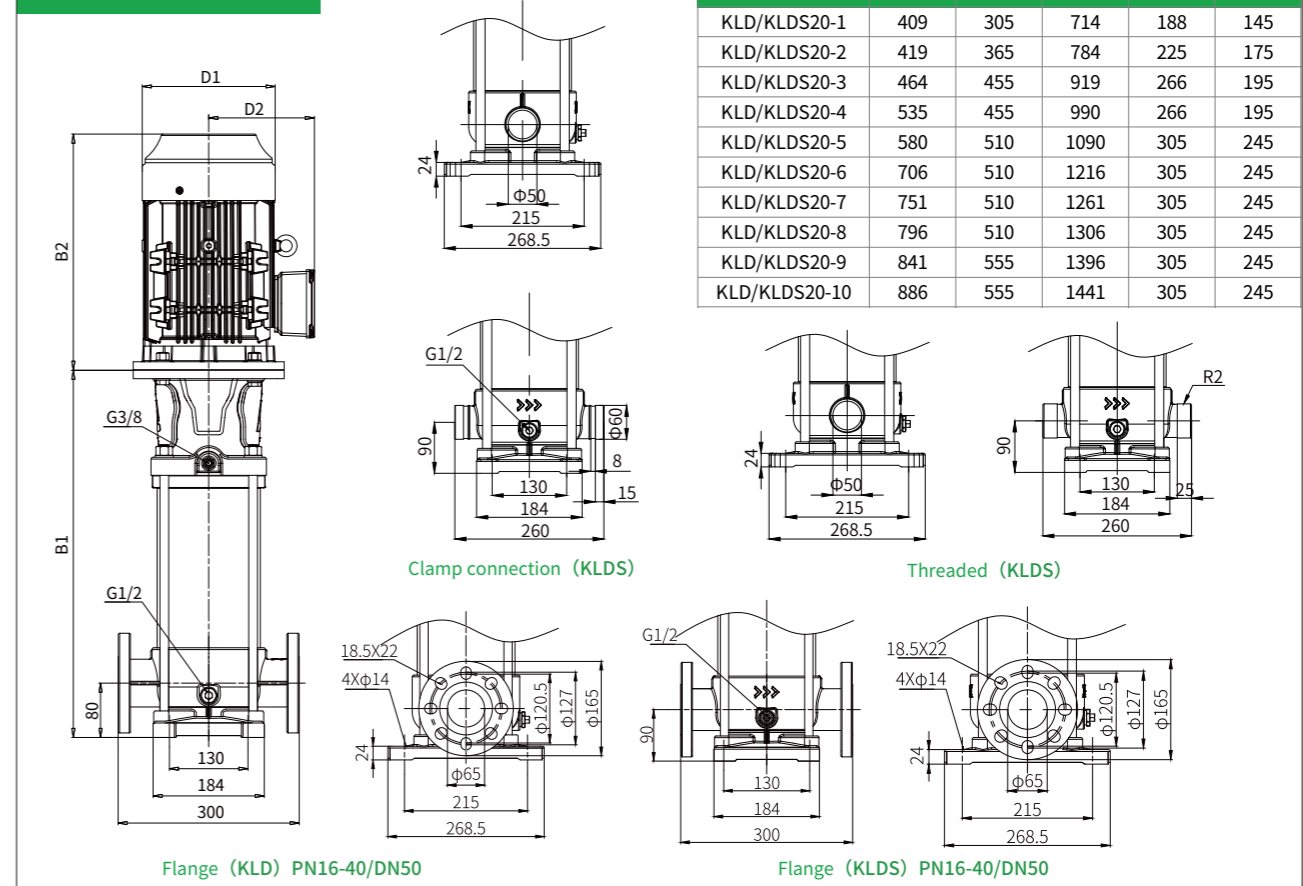
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS15-1	409	305	714	188	145
KLD/KLDS15-2	419	330	749	195	170
KLD/KLDS15-3	464	365	829	225	175
KLD/KLDS15-4	535	455	990	266	195
KLD/KLDS15-5	580	455	1035	266	195
KLD/KLDS15-6	706	510	1216	305	245
KLD/KLDS15-7	751	510	1261	305	245
KLD/KLDS15-8	796	510	1306	305	245
KLD/KLDS15-9	841	510	1351	305	245
KLD/KLDS15-10	886	510	1396	305	245
KLD/KLDS15-11	931	510	1441	305	245
KLD/KLDS15-12	976	555	1531	305	245

model	motor power[kW]	Q[m³/h]	10	11	15	18	22	24	27	29
KLD/KLDS15-1	1.5	H[m]	19.4	19	17	15.8	14.4	13.7	11.5	9.2
KLD/KLDS15-2	3		40.3	37	36	33	30	27.4	24.5	19.5
KLD/KLDS15-3	4		59	58	55	50.4	46	42	36	30
KLD/KLDS15-4	5.5		81	79	73	68	62	56	50	41
KLD/KLDS15-5	7.5		98	96	91	84	76	71	62	52
KLD/KLDS15-6	11		118	117	111	102	91	85	75	63
KLD/KLDS15-7	11		137	135	128	120	108	99	86	74
KLD/KLDS15-8	11		158	156	148	138	124	114	101	86
KLD/KLDS15-9	15		177	173	166	156	140	128	112	97
KLD/KLDS15-10	15		199	196	186	173	157	145	128	108
KLD/KLDS15-11	15		217	215	202	189	171	159	140	119
KLD/KLDS15-12	18.5		238	235	222	207	187	173	153	131

Performance Curve

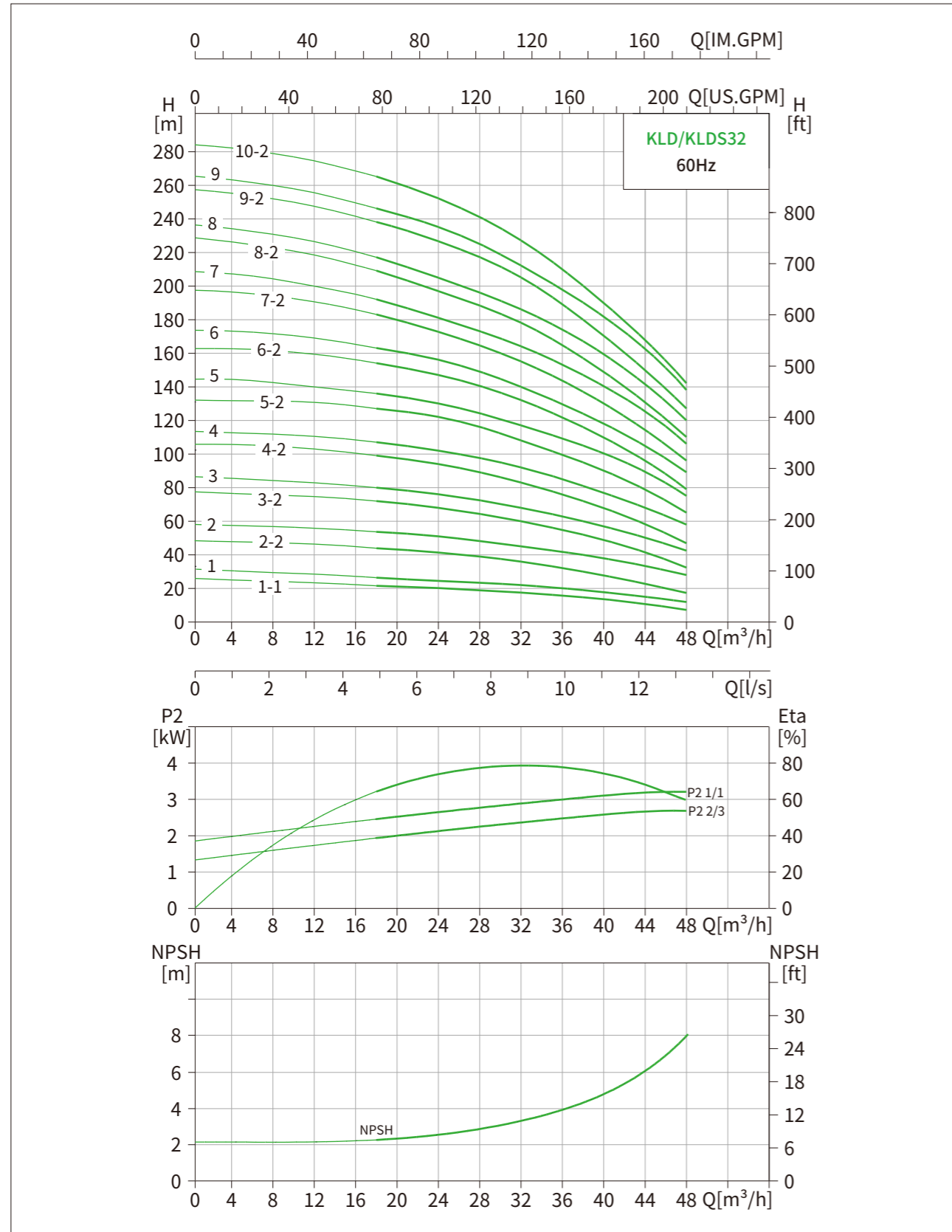


Installation dimension

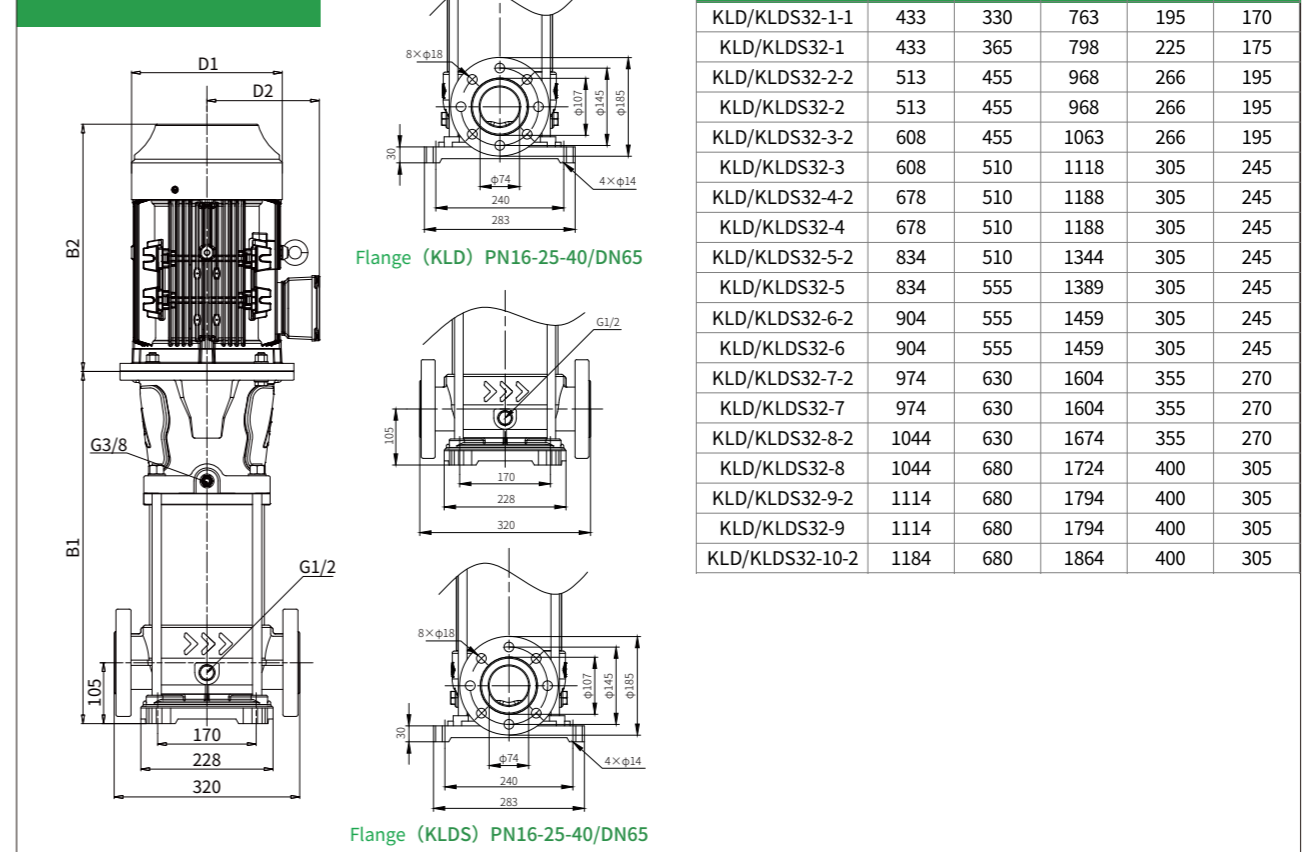


model	motor power[kW]	Q[m³/h]	12	15	20	22	24	29	31	35
KLD/KLDS20-1	2.2	H[m]	18.7	18.7	17.3	15.8	15	13	11.5	7.2
KLD/KLDS20-2	4		40.3	39	36	34.5	32.4	27.4	25	17.3
KLD/KLDS20-3	5.5		62	60.5	56	55	52	44	40.3	31.7
KLD/KLDS20-4	7.5		82	81	76	73	69	59	54	43
KLD/KLDS20-5	11		102	101	95	91	86.4	75	66	55
KLD/KLDS20-6	11		124	121	115	111	103.7	89	82	65
KLD/KLDS20-7	15		143	140	134	127	121	104	93.6	75
KLD/KLDS20-8	15		167	163	154	148	139	122	11	89
KLD/KLDS20-9	18.5		187	183	173	167	157	138	125	101
KLD/KLDS20-10	18.5		207	202	190	184	173	151	134	112

Performance Curve



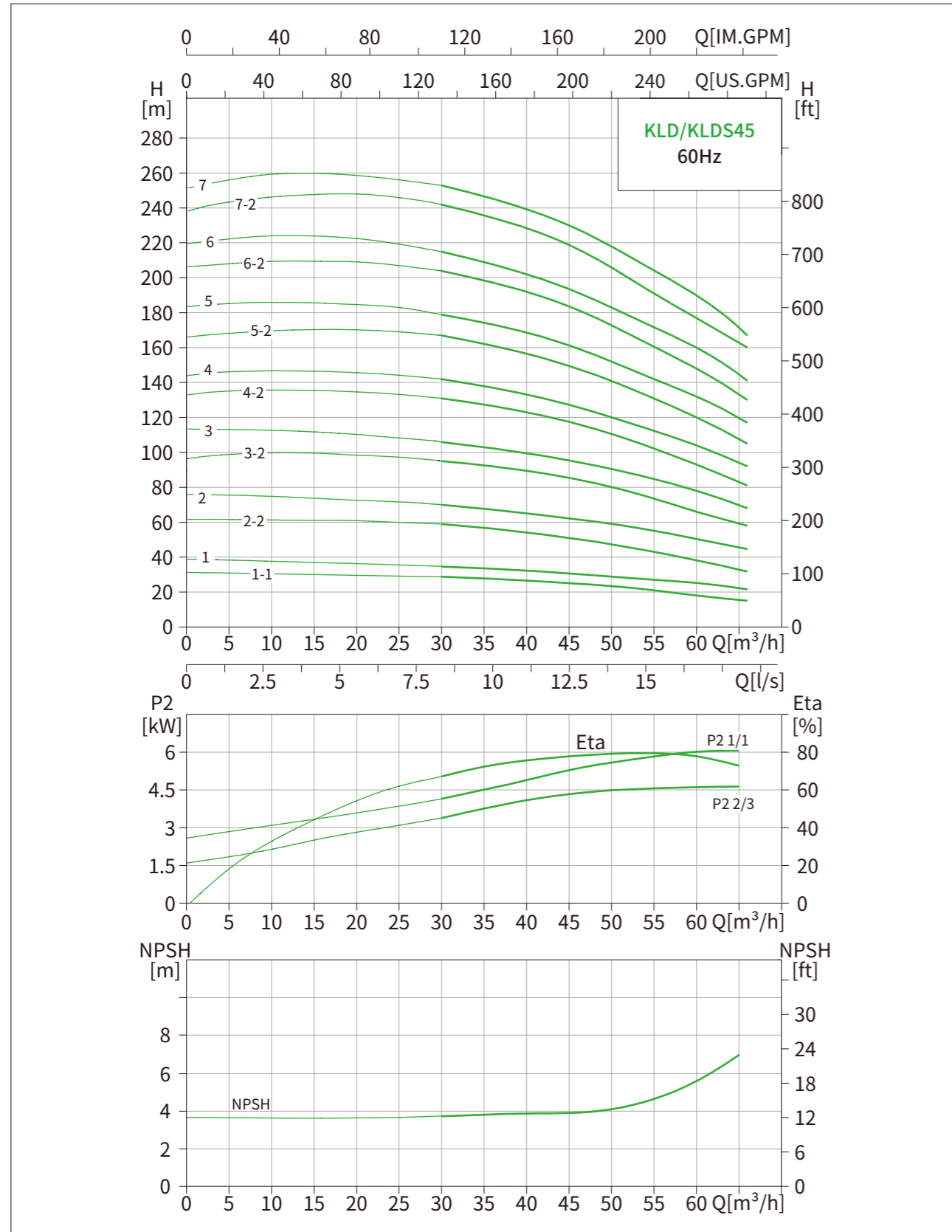
Installation dimension



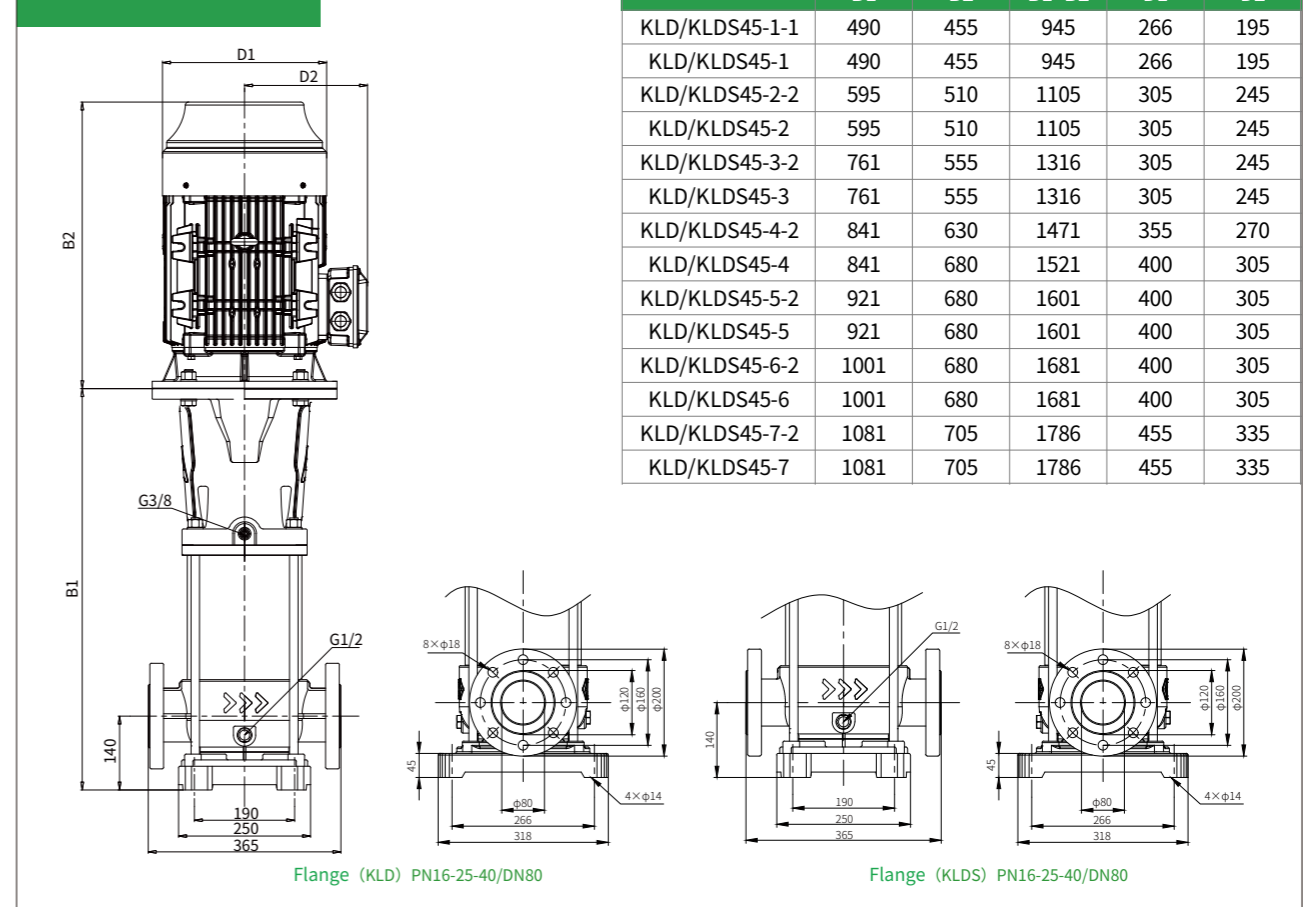
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS32-1-1	433	330	763	195	170
KLD/KLDS32-1	433	365	798	225	175
KLD/KLDS32-2-2	513	455	968	266	195
KLD/KLDS32-2	513	455	968	266	195
KLD/KLDS32-3-2	608	455	1063	266	195
KLD/KLDS32-3	608	510	1118	305	245
KLD/KLDS32-4-2	678	510	1188	305	245
KLD/KLDS32-4	678	510	1188	305	245
KLD/KLDS32-5-2	834	510	1344	305	245
KLD/KLDS32-5	834	555	1389	305	245
KLD/KLDS32-6-2	904	555	1459	305	245
KLD/KLDS32-6	904	555	1459	305	245
KLD/KLDS32-7-2	974	630	1604	355	270
KLD/KLDS32-7	974	630	1604	355	270
KLD/KLDS32-8-2	1044	630	1674	355	270
KLD/KLDS32-8	1044	680	1724	400	305
KLD/KLDS32-9-2	1114	680	1794	400	305
KLD/KLDS32-9	1114	680	1794	400	305
KLD/KLDS32-10-2	1184	680	1864	400	305

model	motor power[kW]	Q[m³/h]	18	20	24	30	32	38	42	48
KLD/KLDS32-1-1	3	H[m]	21.6	21	20.2	18.7	17.5	14.8	11.5	7.2
KLD/KLDS32-1	4		26	25	24.5	23	22	19	16.6	12
KLD/KLDS32-2-2	5.5		45	44	42.5	38	36	30	25.2	17.3
KLD/KLDS32-2	7.5		53	53	51	47	45	40	36	28
KLD/KLDS32-3-2	7.5		72	71	68	63	60	52	44.6	32.4
KLD/KLDS32-3	11		80	79	76	71	68	60	54	42.5
KLD/KLDS32-4-2	11		99	97	94	86	83	72	63	46.8
KLD/KLDS32-4	15		107	106	102	95	92	81	73	58
KLD/KLDS32-5-2	15		127	126	122	112	108	95	84	65
KLD/KLDS32-5	18.5		136	134	130	121	117	105	94	75
KLD/KLDS32-6-2	18.5		154	152	147	136	132	116	102	79
KLD/KLDS32-6	18.5		163	161	156	144	140	124	112	89
KLD/KLDS32-7-2	22		183	181	174	161	155	137	122	96
KLD/KLDS32-7	22		192	189	181	170	164	147	133	106
KLD/KLDS32-8-2	22		209	206	199	184	178	157	141	110
KLD/KLDS32-8	30		217	215	207	193	186	167	150	120
KLD/KLDS32-9-2	30		238	235	228	212	205	180	161	127
KLD/KLDS32-9	30		246	244	235	219	212	190	171	138
KLD/KLDS32-10-2	30		265	262	252	235	227	200	180	142

Performance Curve



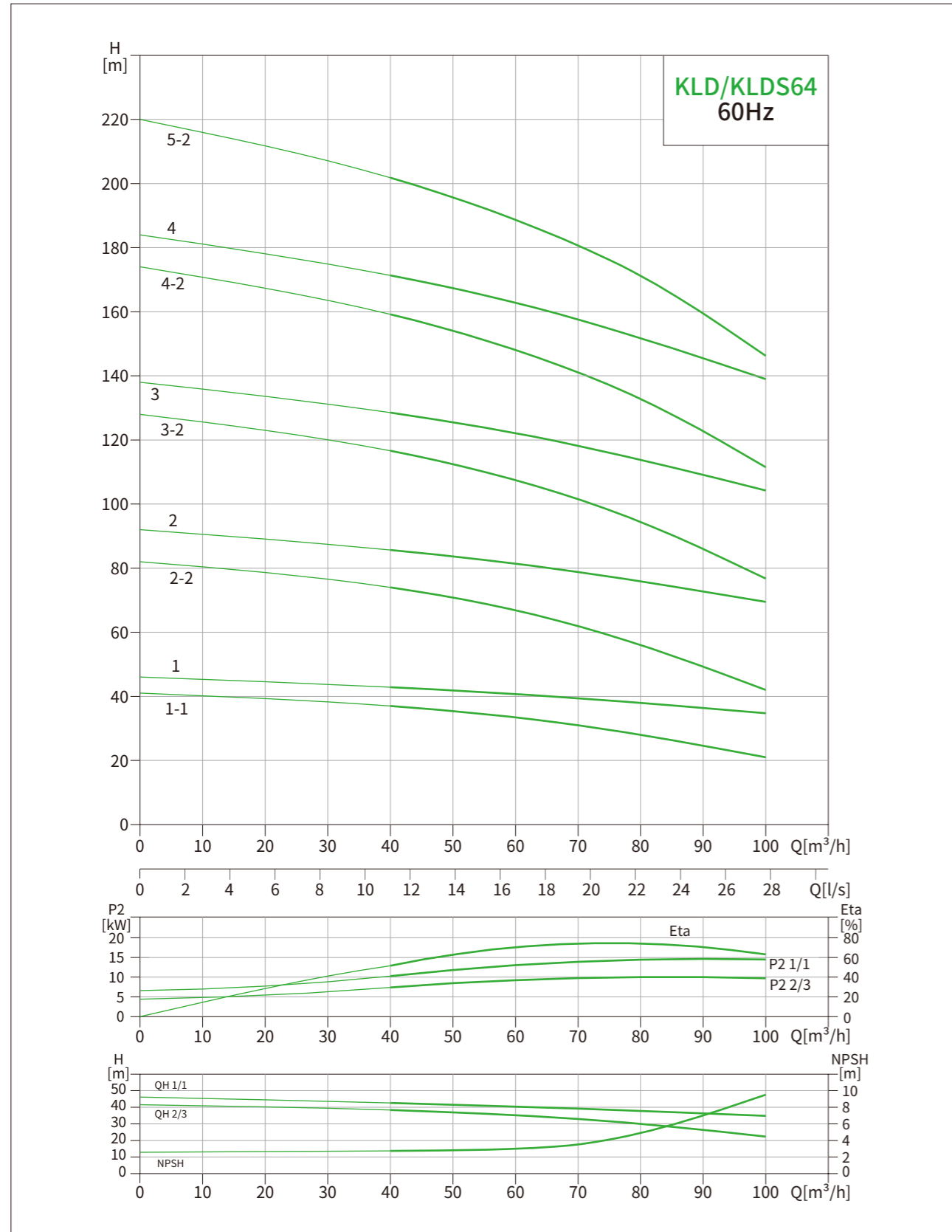
Installation dimension



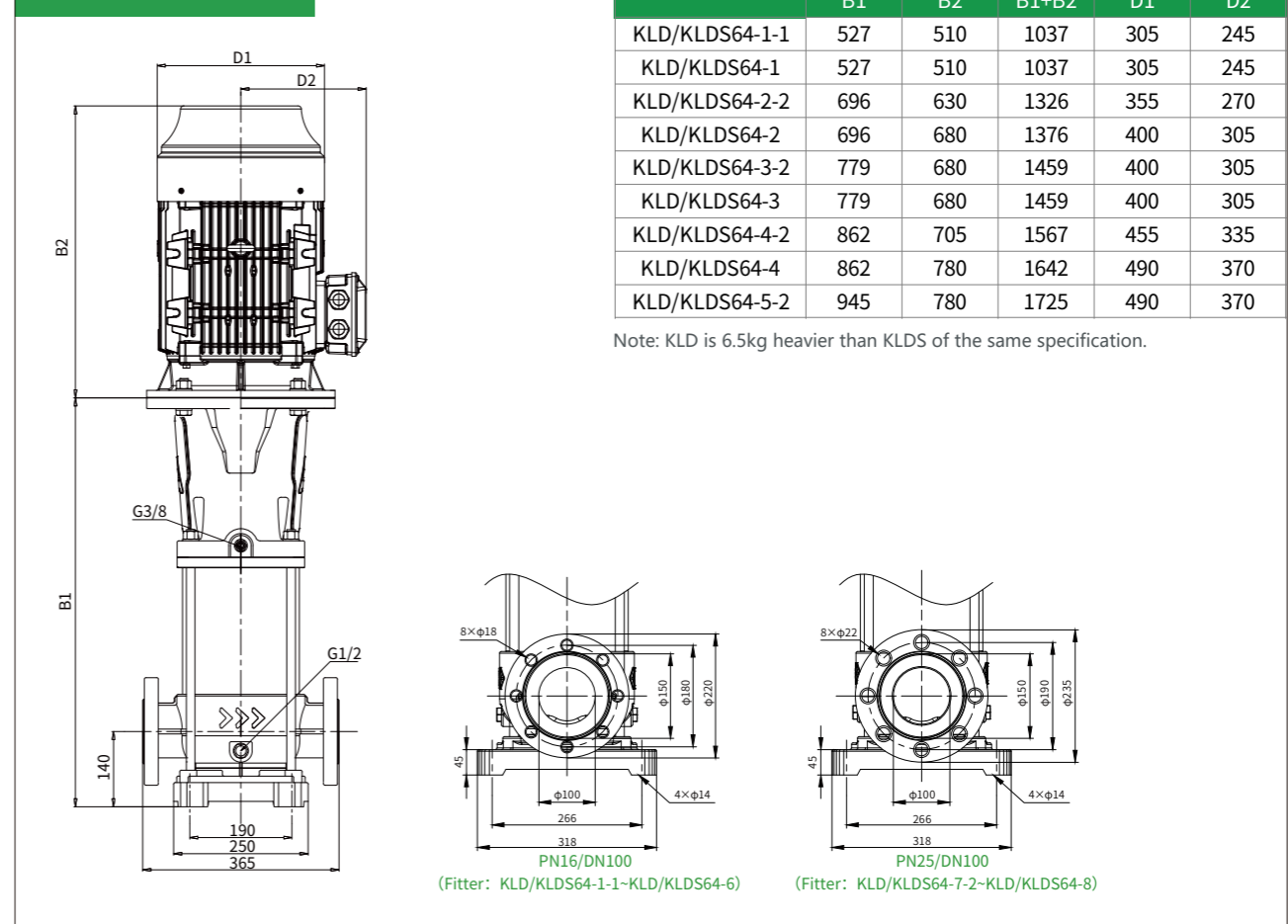
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS45-1-1	490	455	945	266	195
KLD/KLDS45-1	490	455	945	266	195
KLD/KLDS45-2-2	595	510	1105	305	245
KLD/KLDS45-2	595	510	1105	305	245
KLD/KLDS45-3-2	761	555	1316	305	245
KLD/KLDS45-3	761	555	1316	305	245
KLD/KLDS45-4-2	841	630	1471	355	270
KLD/KLDS45-4	841	680	1521	400	305
KLD/KLDS45-5-2	921	680	1601	400	305
KLD/KLDS45-5	921	680	1601	400	305
KLD/KLDS45-6-2	1001	680	1681	400	305
KLD/KLDS45-6	1001	680	1681	400	305
KLD/KLDS45-7-2	1081	705	1786	455	335
KLD/KLDS45-7	1081	705	1786	455	335

model	motor power[kW]	Q[m³/h]	30	36	42	45	48	54	60	66
KLD/KLDS45-1-1	5.5	H[m]	28.8	28	26	25.2	24.5	21.6	18	15
KLD/KLDS45-1	7.5		34.6	33	31.7	31	29.5	27.4	25.2	21.6
KLD/KLDS45-2-2	11		59	56	53	51	49	44	38.2	31.7
KLD/KLDS45-2	15		70	67	64	62	60.5	56	50.4	44.6
KLD/KLDS45-3-2	18.5		95	92	88	85	81	75	66	58
KLD/KLDS45-3	18.5		106	102	98	95	92	86	78	68
KLD/KLDS45-4-2	22		131	127	121	117	113	104	93	81
KLD/KLDS45-4	30		142	137	131	127	123	114	104	92
KLD/KLDS45-5-2	30		167	163	154	150	145	133	120	105
KLD/KLDS45-5	30		179	173	166	161	156	144	132	117
KLD/KLDS45-6-2	37		204	197	189	182	176	163	148	130
KLD/KLDS45-6	37	215	207	199	193	187	174	160	141	
KLD/KLDS45-7-2	45	242	235	225	219	212	194	177	160	
KLD/KLDS45-7	45	253	246	236	230	224	207	190	167	

Performance Curve



Installation dimension

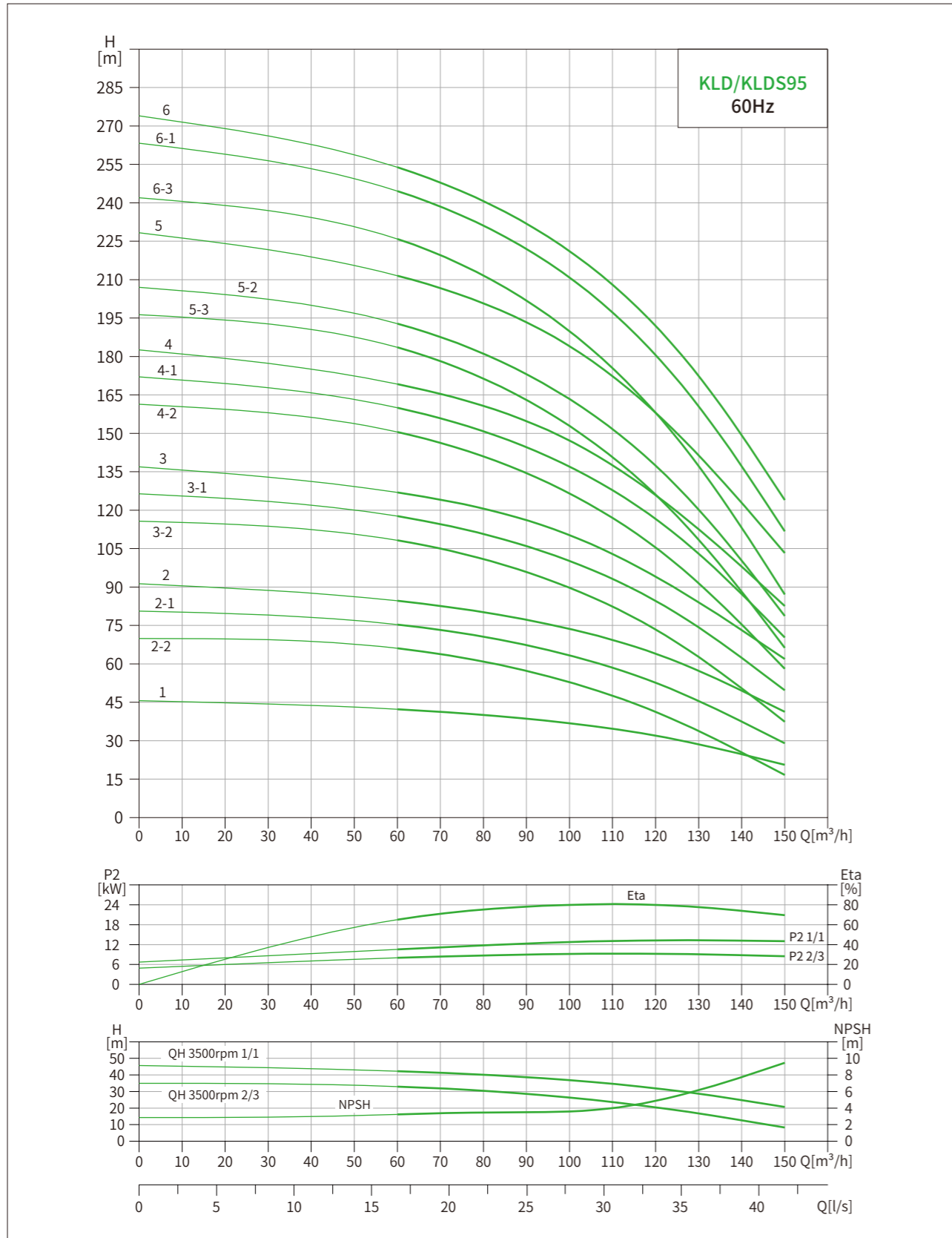


Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS64-1-1	527	510	1037	305	245
KLD/KLDS64-1	527	510	1037	305	245
KLD/KLDS64-2-2	696	630	1326	355	270
KLD/KLDS64-2	696	680	1376	400	305
KLD/KLDS64-3-2	779	680	1459	400	305
KLD/KLDS64-3	779	680	1459	400	305
KLD/KLDS64-4-2	862	705	1567	455	335
KLD/KLDS64-4	862	780	1642	490	370
KLD/KLDS64-5-2	945	780	1725	490	370

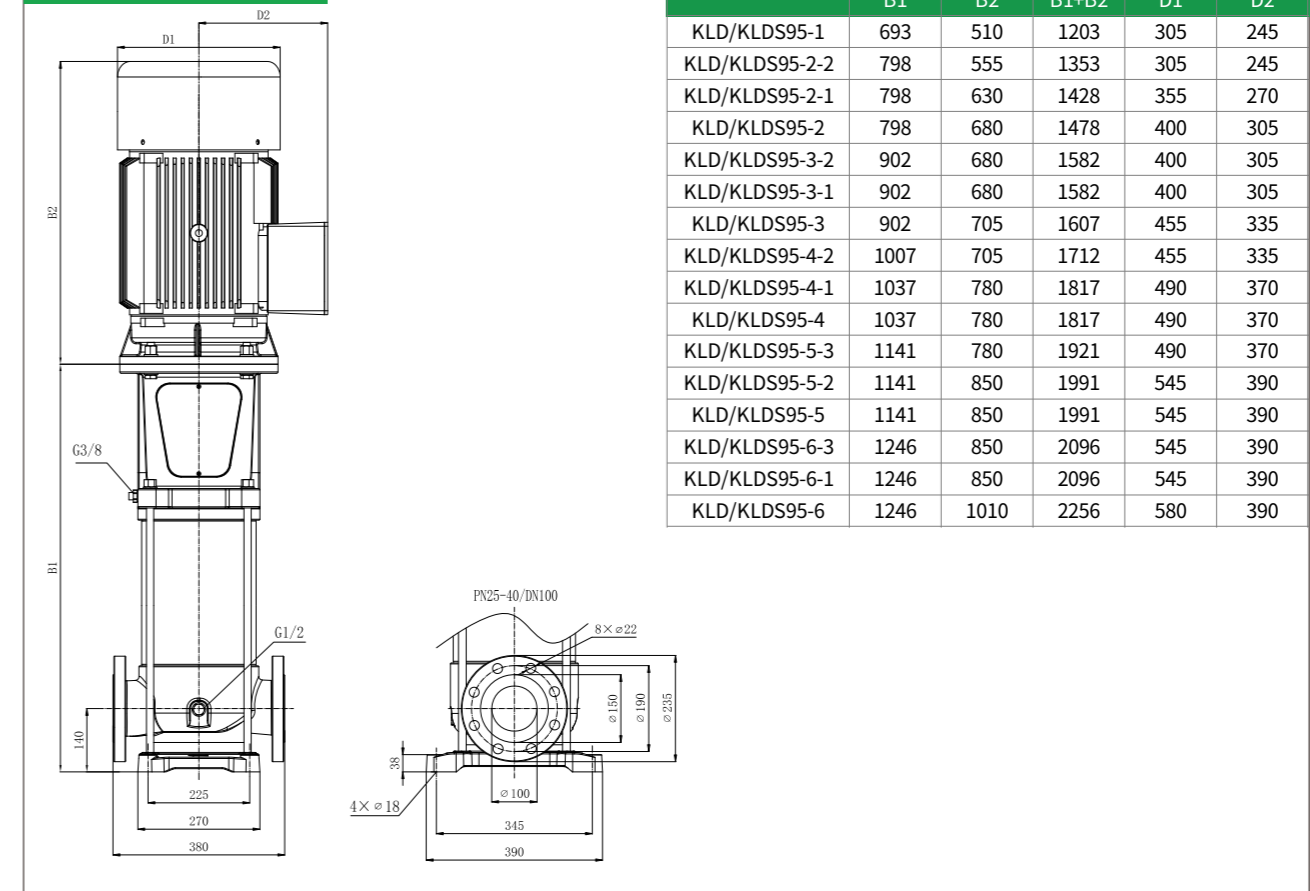
Note: KLD is 6.5kg heavier than KLDS of the same specification.

model	motor power[kW]	Q[m³/h]	40	50	60	64	70	80	90	100
KLD/KLDS64-1-1	11	H[m]	37	35	33	32.5	31	28	24	21
KLD/KLDS64-1	15		43	41	40.4	40.2	39.9	38	37	35
KLD/KLDS64-2-2	22		74	70	66	65	62	56	48	42
KLD/KLDS64-2	30		85	83	81	80.5	80	77	74	70
KLD/KLDS64-3-2	30		117	111	106	105	102	94	85	77
KLD/KLDS64-3	37		158	124	121	120.5	120	115	110	104
KLD/KLDS64-4-2	45		159	153	147	145	142	133	122	112
KLD/KLDS64-4	55		170	165	162	161	159	154	147	139
KLD/KLDS64-5-2	55		202	194	187	186	182	171	158	146

Performance Curve



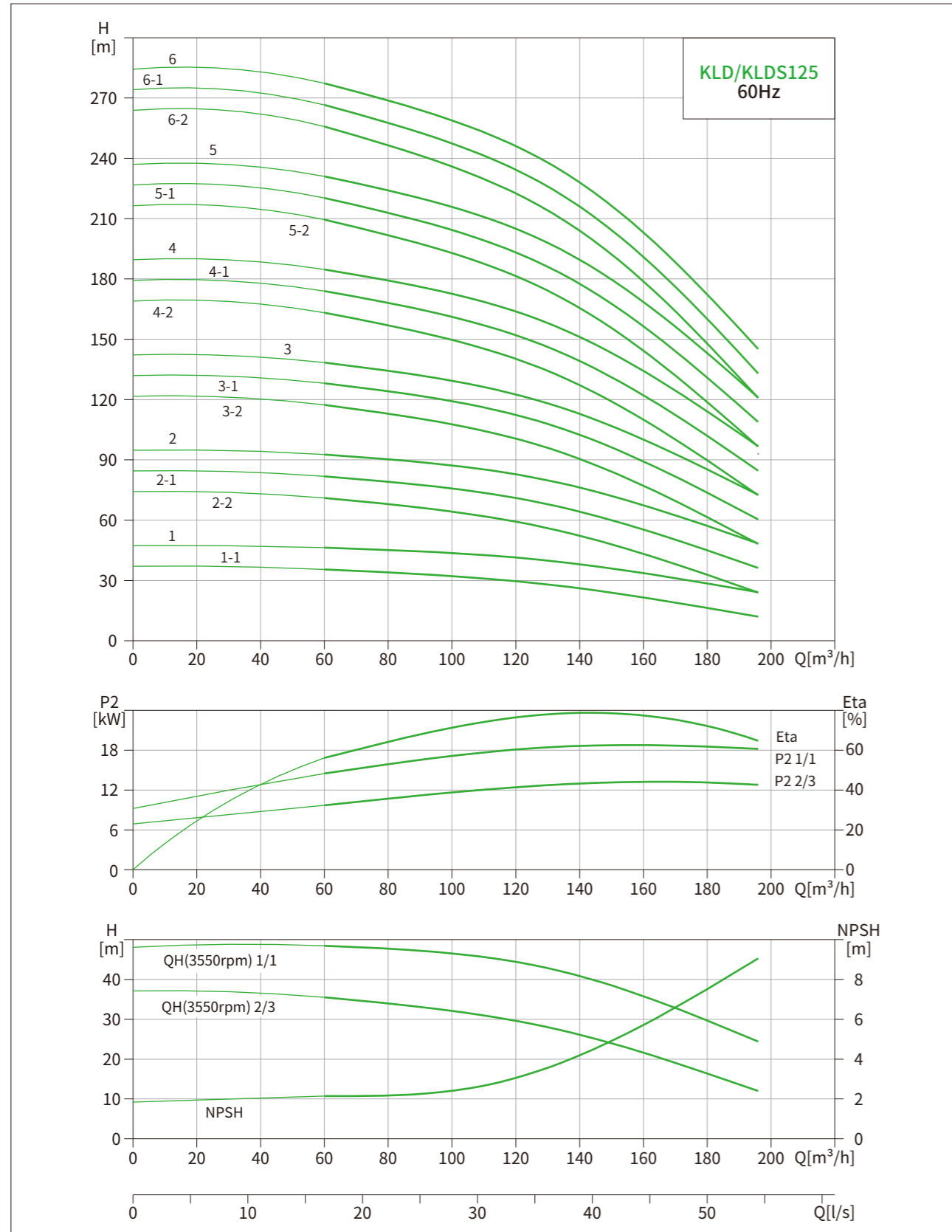
Installation dimension



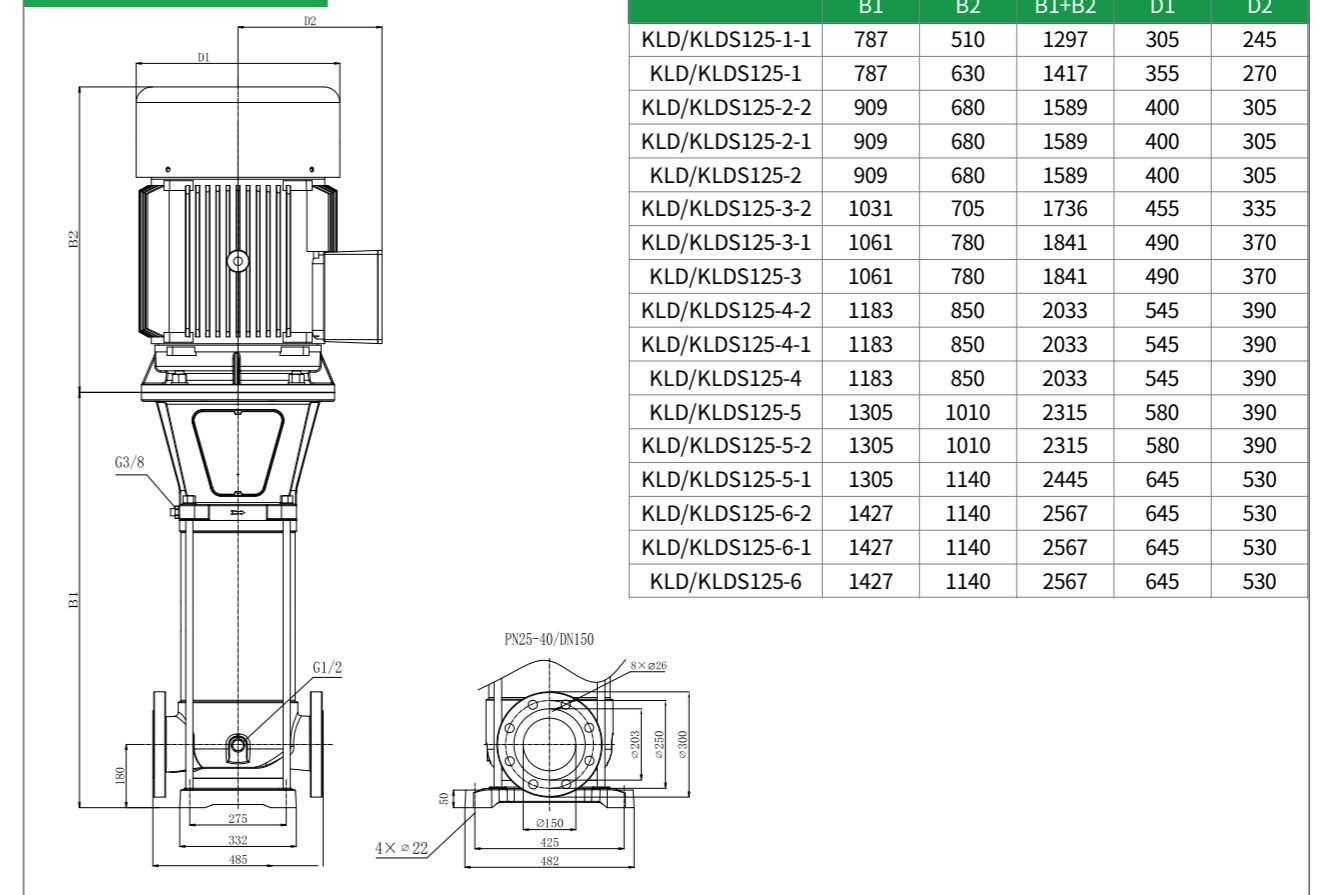
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS95-1	693	510	1203	305	245
KLD/KLDS95-2-2	798	555	1353	305	245
KLD/KLDS95-2-1	798	630	1428	355	270
KLD/KLDS95-2	798	680	1478	400	305
KLD/KLDS95-3-2	902	680	1582	400	305
KLD/KLDS95-3-1	902	680	1582	400	305
KLD/KLDS95-3	902	705	1607	455	335
KLD/KLDS95-4-2	1007	705	1712	455	335
KLD/KLDS95-4-1	1037	780	1817	490	370
KLD/KLDS95-4	1037	780	1817	490	370
KLD/KLDS95-5-3	1141	780	1921	490	370
KLD/KLDS95-5-2	1141	850	1991	545	390
KLD/KLDS95-5	1141	850	1991	545	390
KLD/KLDS95-6-3	1246	850	2096	545	390
KLD/KLDS95-6-1	1246	850	2096	545	390
KLD/KLDS95-6	1246	1010	2256	580	390

model	motor power[kW]	Q[m³/h]	60	70	80	90	95	100	110	120	130	140	150
KLD/KLDS95-1	15		42	41	40	39	38	37	34	32	29	25	21
KLD/KLDS95-2-2	18.5		66	64	61	57	55	53	48	41	34	26	17
KLD/KLDS95-2-1	22		75	73	71	67	65	63	58	53	46	38	29
KLD/KLDS95-2	30		85	83	80	78	76	74	69	64	57	50	41
KLD/KLDS95-3-2	30		108	105	102	96	93	90	82	73	62	51	37
KLD/KLDS95-3-1	37		118	115	111	106	103	100	92	85	74	63	50
KLD/KLDS95-3	45		127	124	121	116	114	111	103	96	86	76	62
KLD/KLDS95-4-2	45		151	147	142	135	131	126	116	105	91	77	58
KLD/KLDS95-4-1	55	H[m]	160	156	151	145	141	137	127	117	103	89	70
KLD/KLDS95-4	55		169	165	161	155	151	147	137	128	115	101	83
KLD/KLDS95-5-3	55		184	179	172	164	159	153	140	126	108	90	66
KLD/KLDS95-5-2	75		193	188	182	174	169	163	151	137	120	102	79
KLD/KLDS95-5	75		212	207	201	194	189	184	172	160	143	126	103
KLD/KLDS95-6-3	75		226	220	213	202	197	190	174	158	136	115	87
KLD/KLDS95-6-1	75		245	239	232	223	217	211	195	181	160	139	112
KLD/KLDS95-6	90		254	248	241	233	227	221	206	192	172	151	124

Performance Curve



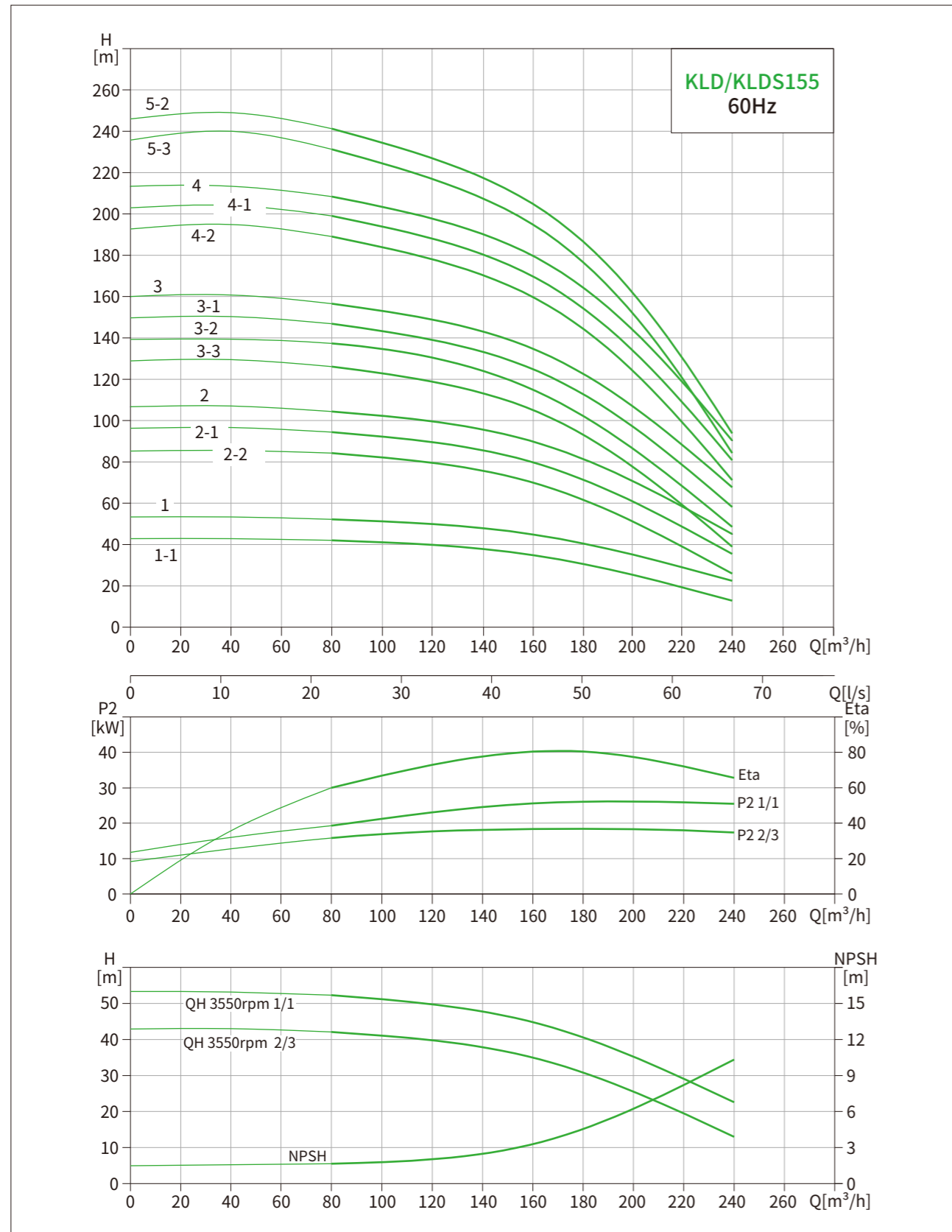
Installation dimension



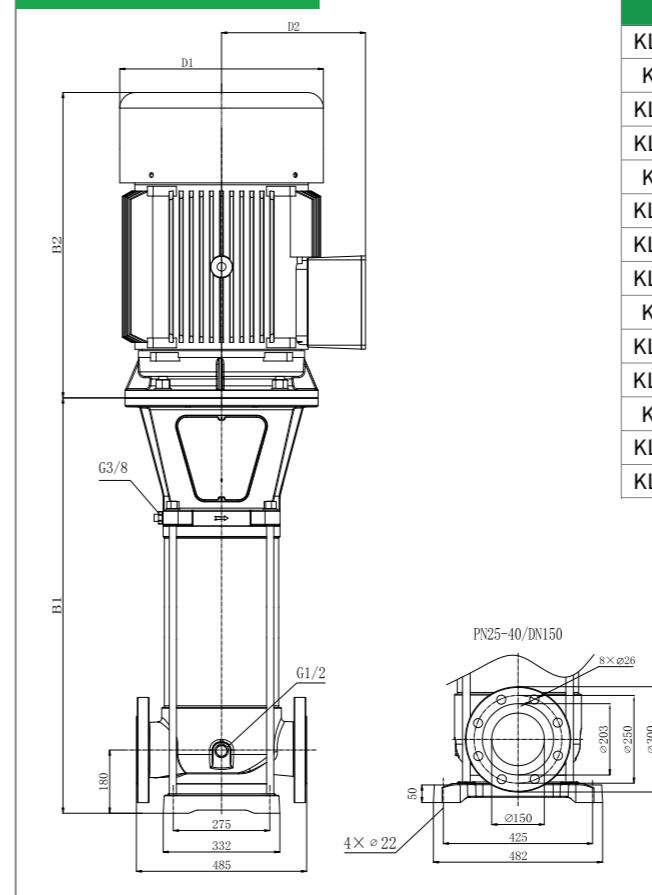
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS125-1-1	787	510	1297	305	245
KLD/KLDS125-1	787	630	1417	355	270
KLD/KLDS125-2-2	909	680	1589	400	305
KLD/KLDS125-2-1	909	680	1589	400	305
KLD/KLDS125-2	909	680	1589	400	305
KLD/KLDS125-3-2	1031	705	1736	455	335
KLD/KLDS125-3-1	1061	780	1841	490	370
KLD/KLDS125-3	1061	780	1841	490	370
KLD/KLDS125-4-2	1183	850	2033	545	390
KLD/KLDS125-4-1	1183	850	2033	545	390
KLD/KLDS125-4	1183	850	2033	545	390
KLD/KLDS125-5	1305	1010	2315	580	390
KLD/KLDS125-5-2	1305	1010	2315	580	390
KLD/KLDS125-5-1	1305	1140	2445	645	530
KLD/KLDS125-6-2	1427	1140	2567	645	530
KLD/KLDS125-6-1	1427	1140	2567	645	530
KLD/KLDS125-6	1427	1140	2567	645	530

model	motor power[kW]	Q[m³/h]	60	80	100	120	125	130	140	160	180	196
KLD/KLDS125-1-1	15		36	34	33	30	29	28	26	22	17	12
KLD/KLDS125-1	22		46	45.5	43	41	40	40	38	33	28	24
KLD/KLDS125-2-2	30		71	69	66	59	57.5	56	52	43	34	24
KLD/KLDS125-2-1	37		82	80	76	70	69	67	63	55	45	36
KLD/KLDS125-2	37		93	91	86	82	80	79	75	66	56	48
KLD/KLDS125-3-2	45		117	114	109	100	98	96	89	77	62	48
KLD/KLDS125-3-1	55		128	125	119	111	109	107	101	88	73	60
KLD/KLDS125-3	55		139	137	129	122	120	118	113	100	83	73
KLD/KLDS125-4-2	75		164	160	152	141	138	135	127	110	90	72
KLD/KLDS125-4-1	75		174	171	162	152	150	147	138	121	100	85
KLD/KLDS125-4	75		185	182	173	163	160	158	150	133	111	97
KLD/KLDS125-5-2	90		210	205	195	182	179	175	164	143	117	97
KLD/KLDS125-5-1	90		221	216	204	193	190	186	176	155	128	109
KLD/KLDS125-5	110		232	228	214	204	201	197	188	166	139	121
KLD/KLDS125-6-2	110		256	251	237	223	219	214	202	176	145	121
KLD/KLDS125-6-1	110		267	262	247	234	230	226	213	188	156	133
KLD/KLDS125-6	110		278	273	257	245	242	237	225	199	167	145

Performance Curve



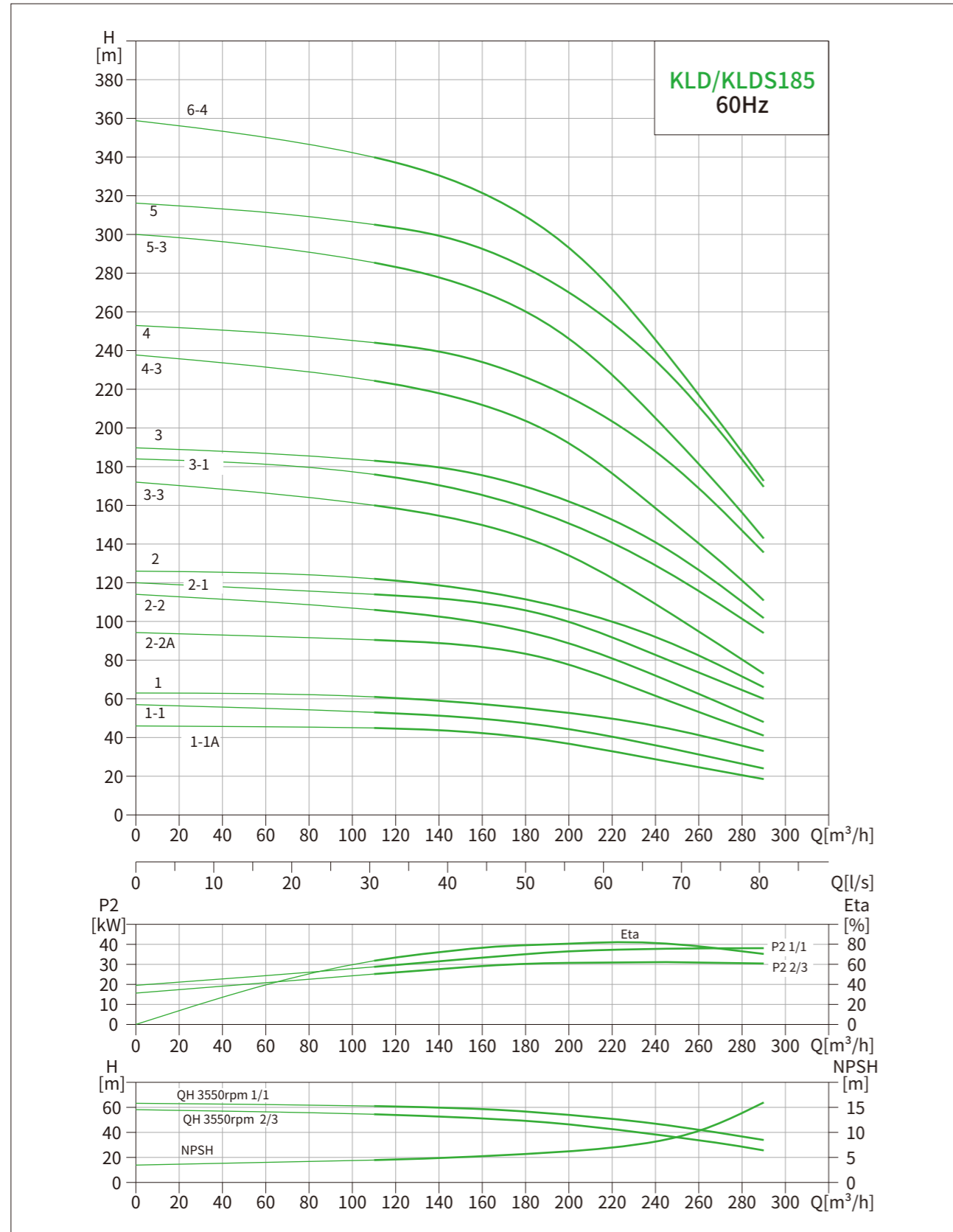
Installation dimension



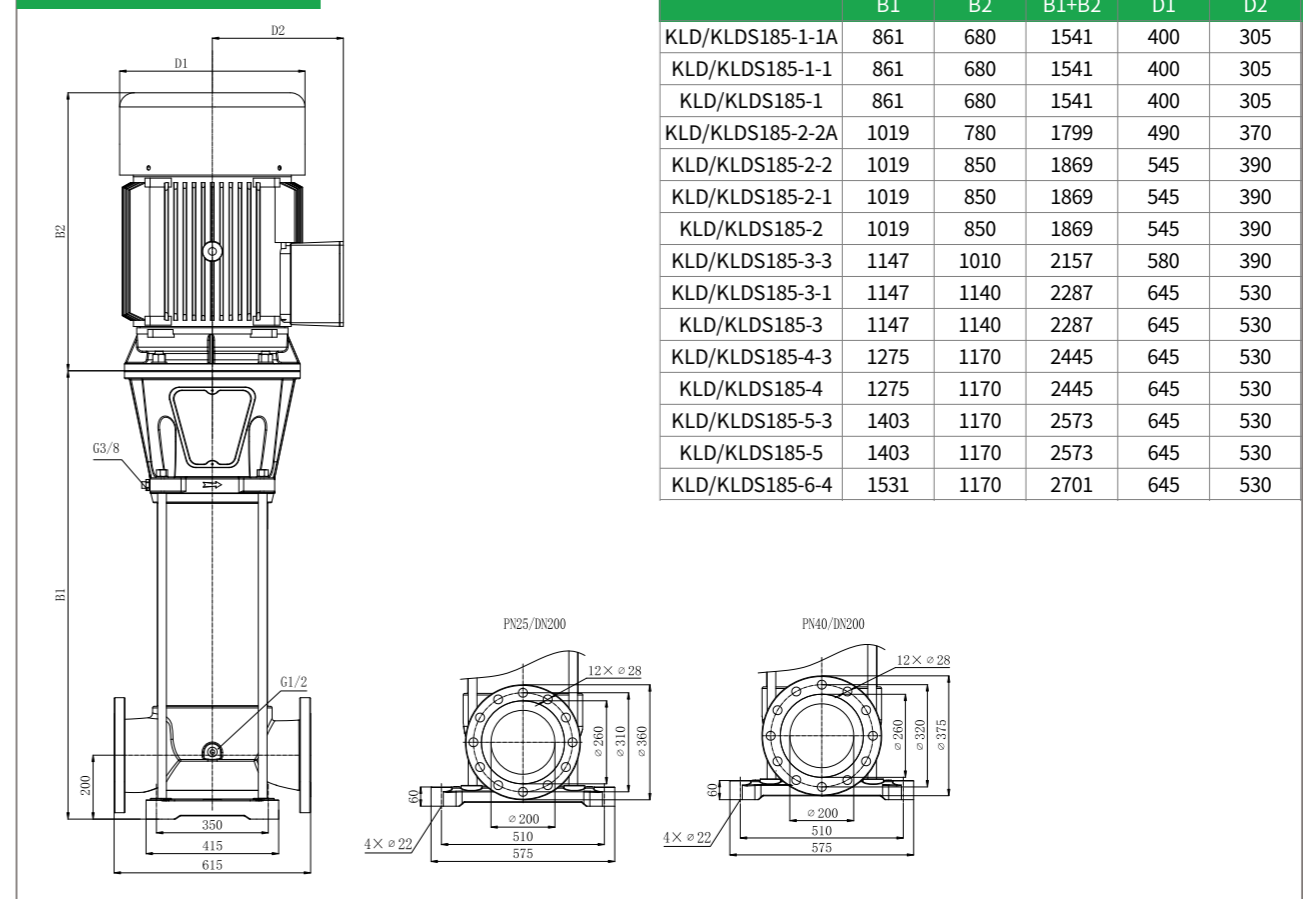
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS155-1-1	787	555	1342	305	245
KLD/KLDS155-1	787	680	1467	400	305
KLD/KLDS155-2-2	909	680	1589	400	305
KLD/KLDS155-2-1	909	705	1614	455	335
KLD/KLDS155-2	939	780	1719	490	370
KLD/KLDS155-3-3	1061	780	1841	490	370
KLD/KLDS155-3-2	1061	850	1911	545	390
KLD/KLDS155-3-1	1061	850	1911	545	390
KLD/KLDS155-3	1061	850	1911	545	390
KLD/KLDS155-4-2	1183	1010	2193	580	390
KLD/KLDS155-4-1	1183	1010	2193	580	390
KLD/KLDS155-4	1183	1140	2323	645	530
KLD/KLDS155-5-3	1305	1140	2445	645	530
KLD/KLDS155-5-2	1305	1140	2445	645	530

model	motor power[kW]	Q [m ³ /h]	80	100	120	140	155	160	180	200	220	240
KLD/KLDS155-1-1	18.5	H[m]	42	41	40	38	36	35	31	26	20	13
KLD/KLDS155-1	30		52	51	50	48	46	45	41	35	29	22
KLD/KLDS155-2-2	37		84	82	80	76	72	70	62	51	39	26
KLD/KLDS155-2-1	45		95	92	90	86	82	80	71	61	49	36
KLD/KLDS155-2	55		105	102	100	96	92	90	81	71	59	45
KLD/KLDS155-3-3	55		127	123	119	113	107	105	92	77	59	39
KLD/KLDS155-3-2	75		137	133	129	123	117	115	102	87	69	49
KLD/KLDS155-3-1	75		147	143	139	133	127	125	112	96	78	58
KLD/KLDS155-3	75		157	154	149	143	137	135	122	106	88	68
KLD/KLDS155-4-2	90		189	185	179	171	163	160	143	122	98	71
KLD/KLDS155-4-1	90		199	195	189	181	173	170	153	132	108	81
KLD/KLDS155-4	110		209	205	199	191	183	180	163	142	117	90
KLD/KLDS155-5-3	110		231	226	219	209	199	195	174	148	117	84
KLD/KLDS155-5-2	110	241	236	229	219	209	205	183	157	127	94	

Performance Curve

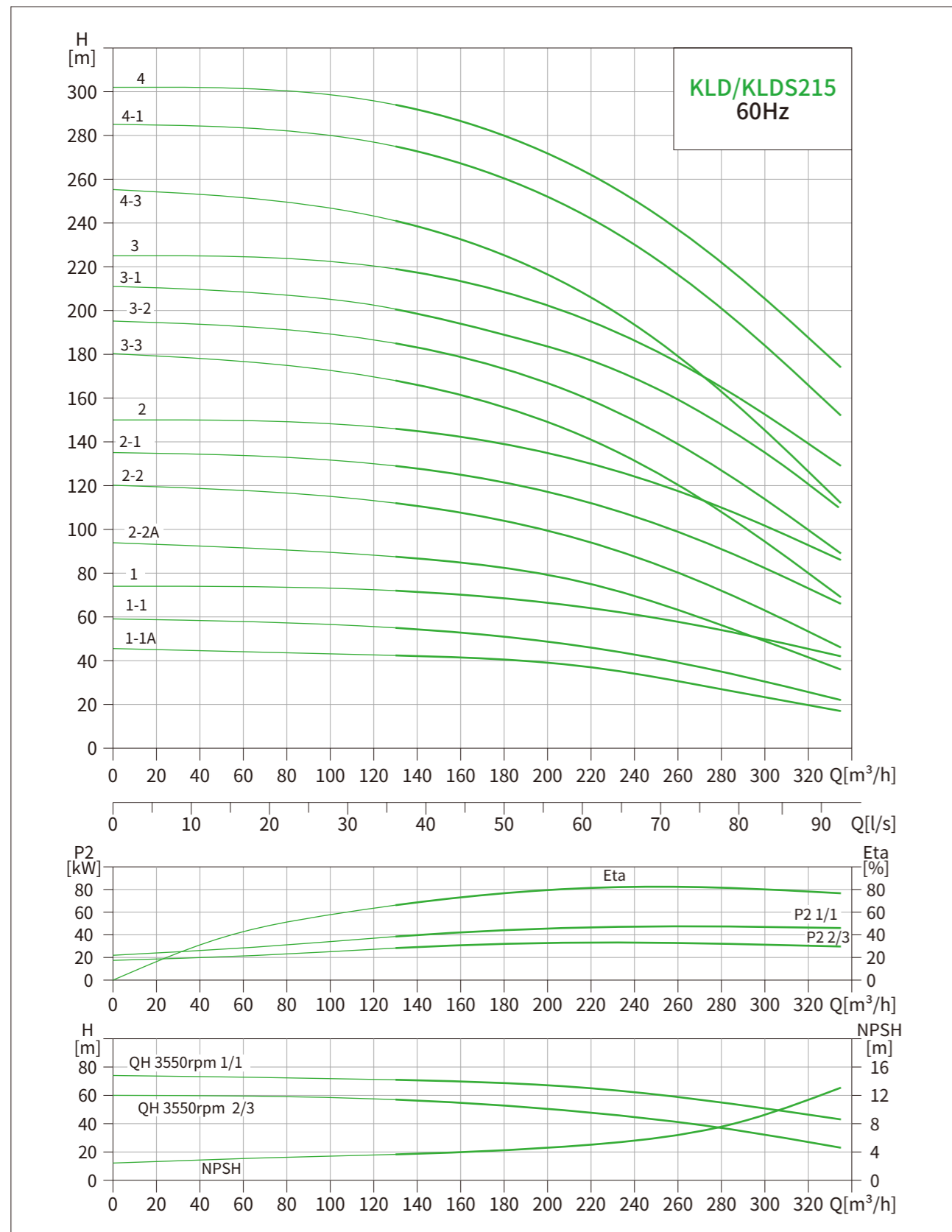


Installation dimension

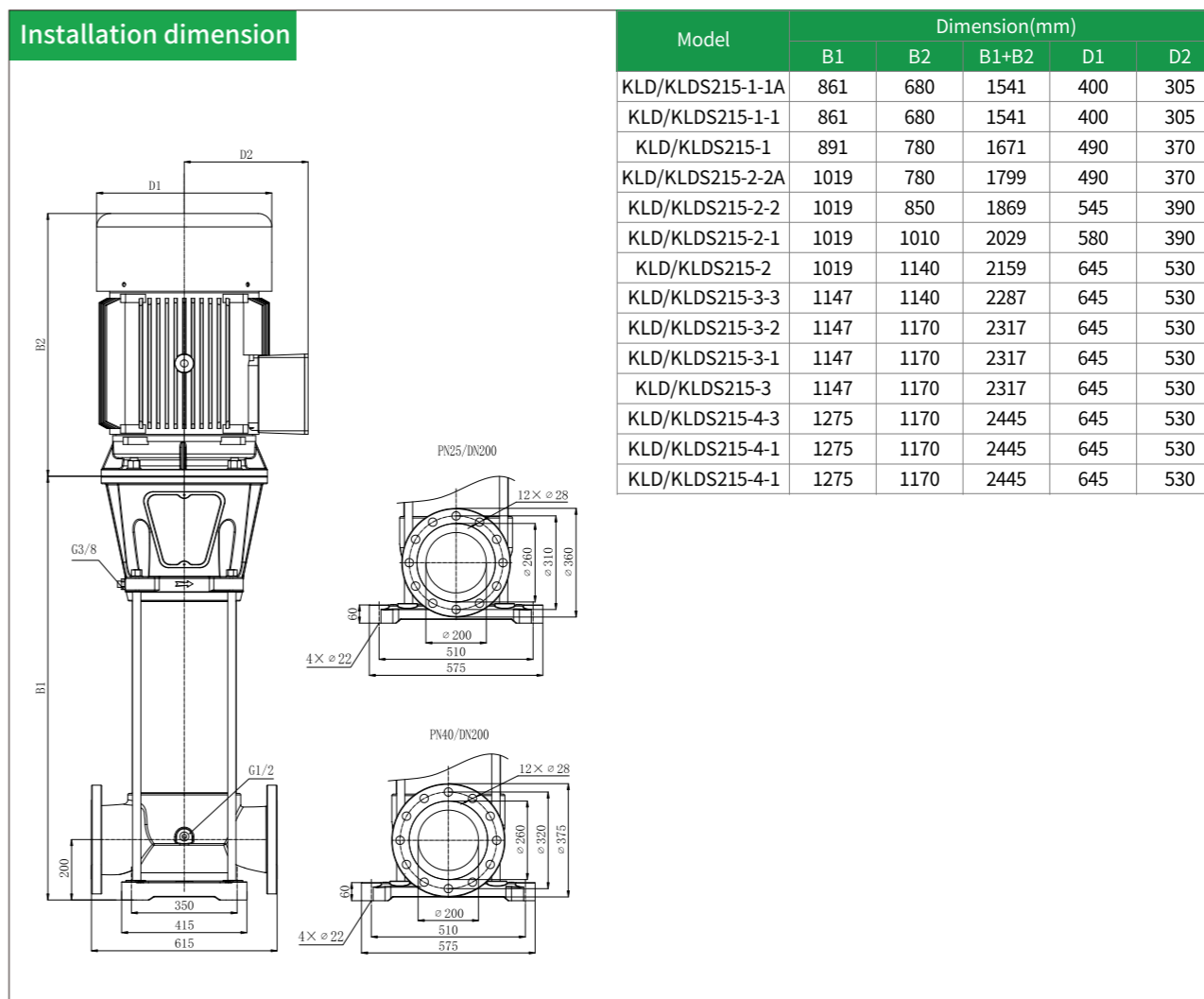


model	motor power[kW]	Q[m³/h]	110	140	160	180	185	190	200	220	240	260	280	290
KLD/KLDS185-1-1A	30		43	42	41	40	39.5	38	36	33	29	24	20	19
KLD/KLDS185-1-1	30		53	52	50	48	47	46	44	41	36	31	26	24
KLD/KLDS185-1	37		61	59	58	56	55	54	53	50	46	41	36	33
KLD/KLDS185-2-2A	55		89	88	86	82	81.5	80	77	69	61	53	44	41
KLD/KLDS185-2-2	75		106	104	100	96	94	92	88	82	72	62	52	48
KLD/KLDS185-2-1	75		114	111	108	104	103	101	97	91	82	72	62	60
KLD/KLDS185-2	75		122	118	116	112	111	109	106	101	92	83	72	66
KLD/KLDS185-3-3	90	H[m]	160	157	151	145	142	139	133	124	109	94	79	73
KLD/KLDS185-3-1	110		176	171	167	161	158	155	151	142	129	114	99	94
KLD/KLDS185-3	110		183	180	176	170	168	166	162	153	141	126	110	102
KLD/KLDS185-4-3	132		224	218	212	204	202	198	192	176	158	140	121	111
KLD/KLDS185-4	160		244	240	234	226	224	221	216	204	188	169	147	136
KLD/KLDS185-5-3	200		285	278	271	260	257	254	246	227	204	180	154	143
KLD/KLDS185-5	200		305	299	293	283	280	277	270	254	235	211	184	170
KLD/KLDS185-6-4	200		340	330	322	309	306	302	292	269	243	214	186	172

Performance Curve



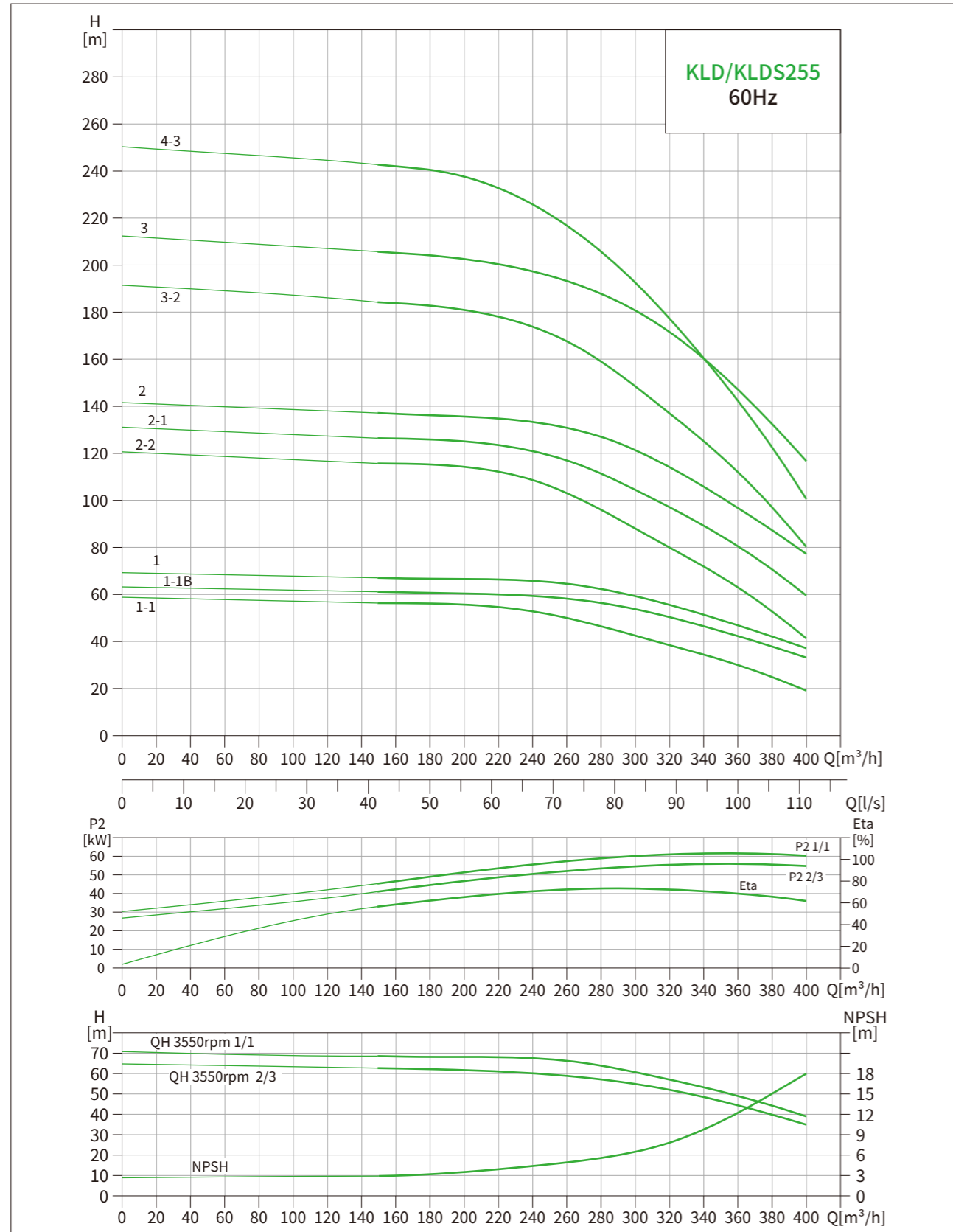
Installation dimension



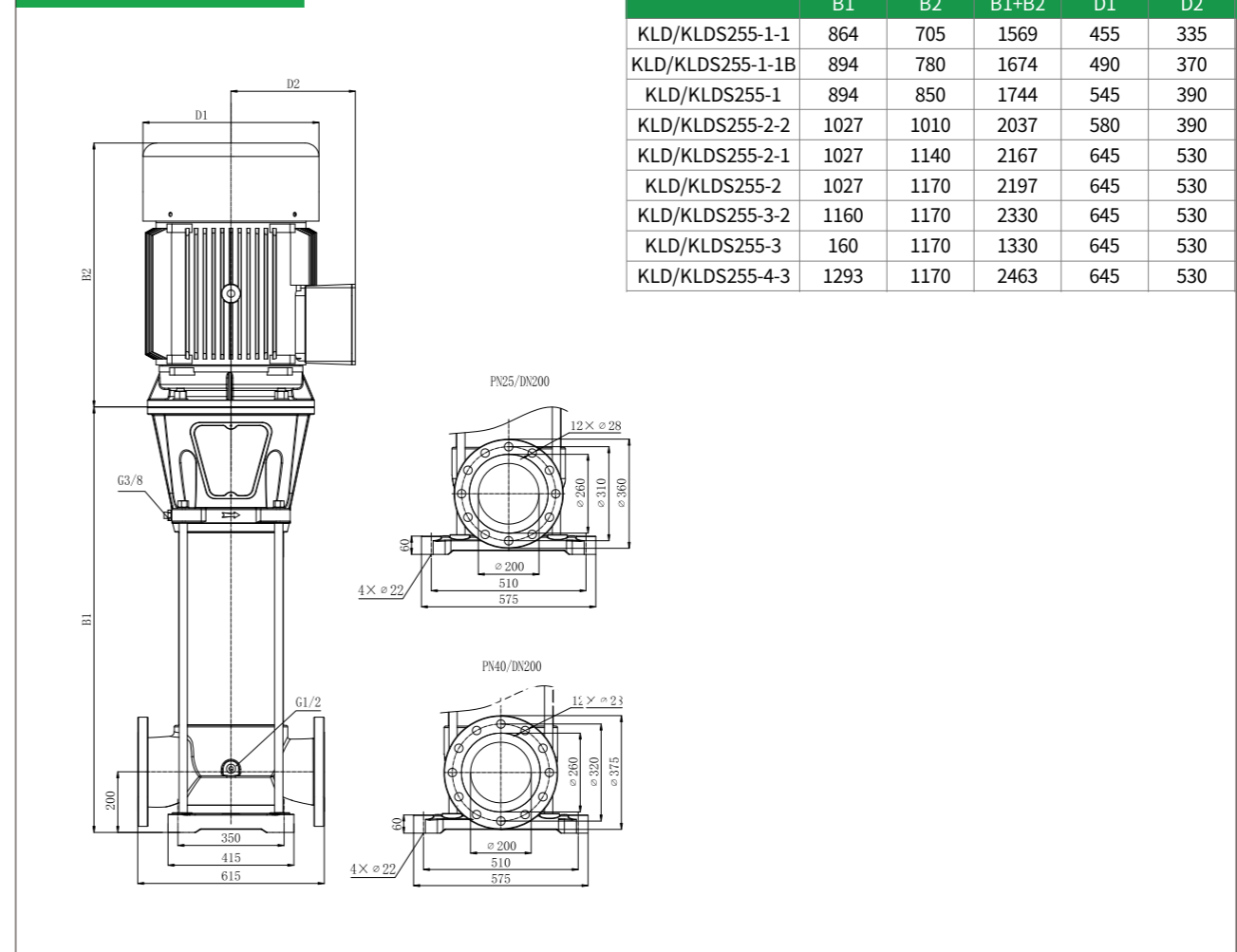
Model	Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS215-1-1A	861	680	1541	400	305
KLD/KLDS215-1-1	861	680	1541	400	305
KLD/KLDS215-1	891	780	1671	490	370
KLD/KLDS215-2-2A	1019	780	1799	490	370
KLD/KLDS215-2-2	1019	850	1869	545	390
KLD/KLDS215-2-1	1019	1010	2029	580	390
KLD/KLDS215-2	1019	1140	2159	645	530
KLD/KLDS215-3-3	1147	1140	2287	645	530
KLD/KLDS215-3-2	1147	1170	2317	645	530
KLD/KLDS215-3-1	1147	1170	2317	645	530
KLD/KLDS215-3	1147	1170	2317	645	530
KLD/KLDS215-4-3	1275	1170	2445	645	530
KLD/KLDS215-4-1	1275	1170	2445	645	530
KLD/KLDS215-4	1275	1170	2445	645	530

model	motor power[kW]	Q[m³/h]	130	160	180	200	215	220	240	260	280	300	320	335
KLD/KLDS215-1-1A	30	H[m]	42	41	39	38	37	36	33	30	27	24	20	17
KLD/KLDS215-1-1	37		55	53	51	49	47	46	43	39	35	31	26	22
KLD/KLDS215-1	55		72	71	69	67	65	64	61	58	54	50	46	42
KLD/KLDS215-2-2A	55		88	84	81	78	76	75	69	63	56	50	42	36
KLD/KLDS215-2-2	75		112	108	104	100	96	94	88	80	72	64	54	46
KLD/KLDS215-2-1	90		129	126	122	118	114	112	106	99	91	83	74	66
KLD/KLDS215-2	110		146	144	140	136	132	130	124	118	110	102	94	86
KLD/KLDS215-3-3	110		168	162	156	150	143	141	132	120	108	96	81	69
KLD/KLDS215-3-2	132		185	180	174	168	161	159	150	139	127	115	101	89
KLD/KLDS215-3-1	132		201	197	191	185	178	176	167	157	145	133	120	108
KLD/KLDS215-3	160		219	216	210	204	197	195	186	177	165	153	141	129
KLD/KLDS215-4-3	160		241	234	226	218	209	206	194	179	163	147	128	112
KLD/KLDS215-4-1	200		275	270	262	254	245	242	230	217	201	185	168	152
KLD/KLDS215-4	200		294	290	282	274	265	262	250	238	222	206	190	174

Performance Curve



Installation dimension



Model	尺寸 Dimension(mm)				
	B1	B2	B1+B2	D1	D2
KLD/KLDS255-1-1	864	705	1569	455	335
KLD/KLDS255-1-1B	894	780	1674	490	370
KLD/KLDS255-1	894	850	1744	545	390
KLD/KLDS255-2-2	1027	1010	2037	580	390
KLD/KLDS255-2-1	1027	1140	2167	645	530
KLD/KLDS255-2	1027	1170	2197	645	530
KLD/KLDS255-3-2	1160	1170	2330	645	530
KLD/KLDS255-3	160	1170	1330	645	530
KLD/KLDS255-4-3	1293	1170	2463	645	530

model	motor power[kW]	Q[m³/h]	150	180	200	220	240	255	260	280	300	320	340	360	380	400
KLD/KLDS255-1-1	45	H[m]	56.3	55.7	55.1	54.7	52.5	50	48.6	46.2	42.2	38.3	35.1	29.3	23.8	20.6
KLD/KLDS255-1-1B	55		60	63.5	63.1	62.8	61.6	61	60.1	58.2	55.1	51.8	48.7	43.7	38.7	35.7
KLD/KLDS255-1	75		68.5	68	67.5	67.2	66	65	64.3	62.3	59	55.5	52.1	46.8	41.5	38.3
KLD/KLDS255-2-2	90		116	114	113	112	108	102	100	95	87	80	73	62	51	44
KLD/KLDS255-2-1	110		128	127	126	125	121	118	116	112	104	97	90	79	68	62
KLD/KLDS255-2	132		140	139	138	137	135	133	132	128	121	114	107	97	86	80
KLD/KLDS255-3-2	160		186	184	182	181	175	169	166	159	148	137	127	110	94	84
KLD/KLDS255-3	200		210	209	207	206	202	199	197	191	182	171	161	145	129	119
KLD/KLDS255-4-3	200		244	241	239	237	229	220	216	207	192	176	163	141	119	106