

LAIKO



ALP(M)

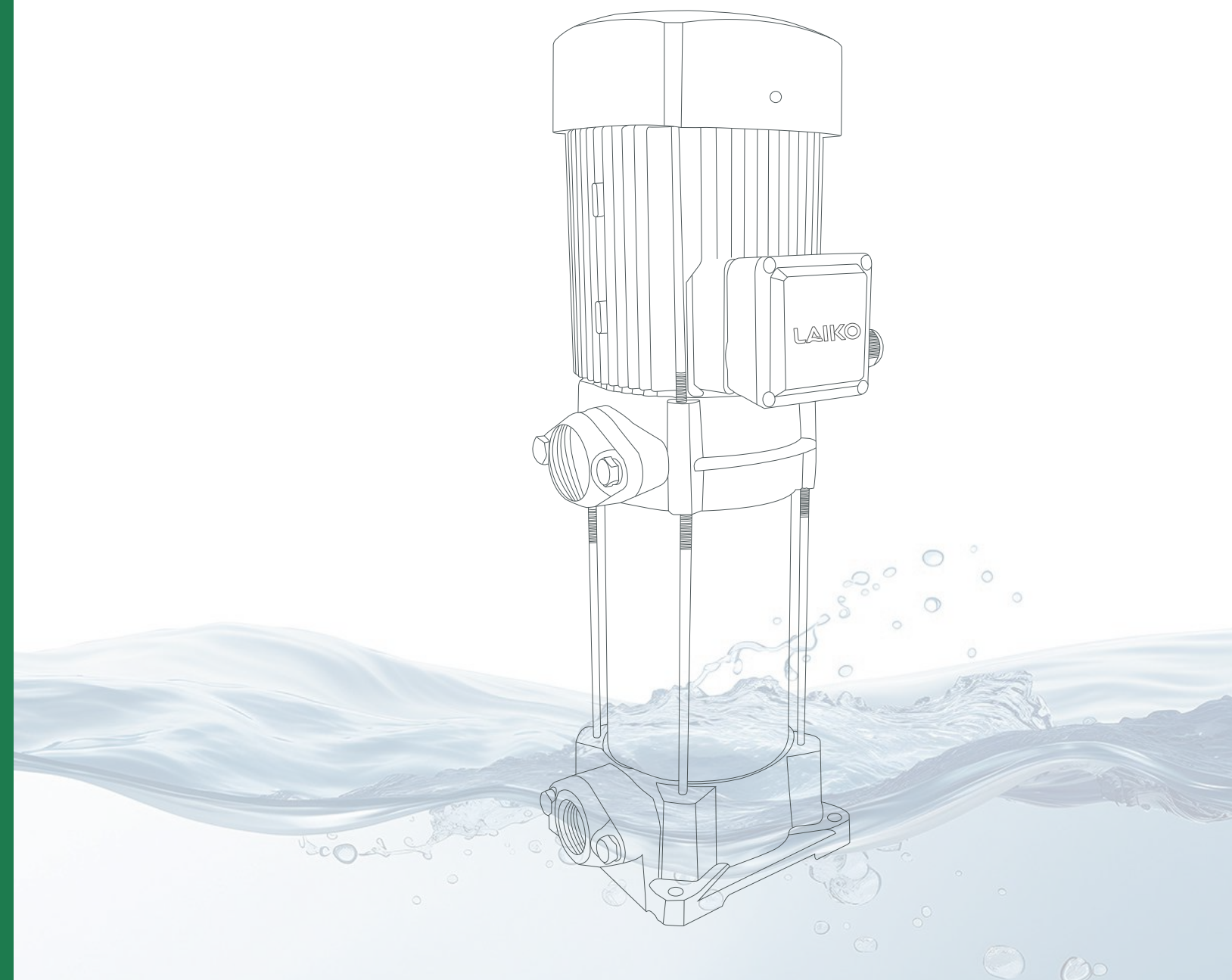
**DEDICATED PUMP FOR
WATER TREATMENT**

LAIKO

ALP(M)

DEDICATED PUMP FOR WATER TREATMENT

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.





R&D STRENGTH

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

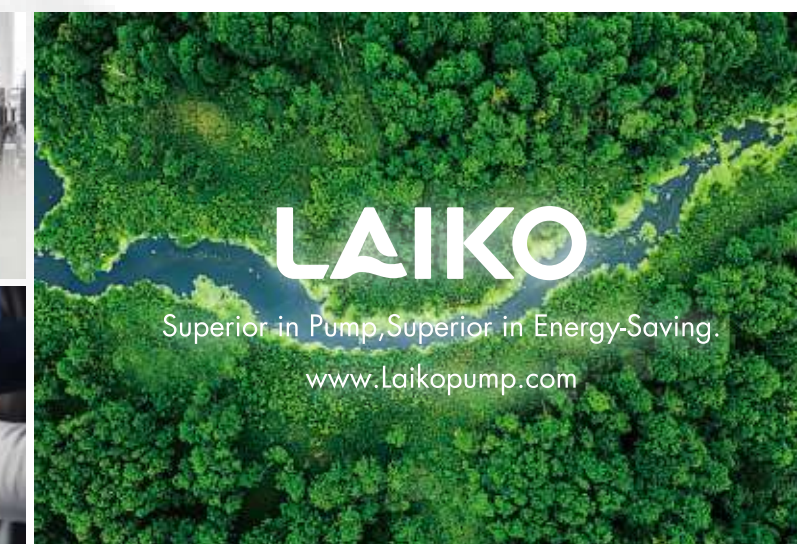
We have established offices in major cities across the country, supported by a professional and efficient service team. From consultation, purchase, after-sales, to maintenance, we provide high-quality, professional, timely, and attentive services at every stage.

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



Product Overview

ALP(m) series multistage centrifugal pump, complying with Q/SG 206 standard. It mainly consists of a motor, impeller, guide vanes, pump barrel, pump body, mechanical seal, etc. The motor is a single-phase or three-phase asynchronous motor. The impeller is centrifugal structure, adopts single-end face seal, and uses O-ring for radial sealing. This series of products features high efficiency, low noise, and stable operation. The pump is compact, easy to install, and convenient to use and. It is widely used in water treat ment system equip- ment accompanying systems, tap water boosting, high-rise building water supply, pipeline boosting, flushing and cleaning systems agricultural field spraying and dripping, etc.

Operating Environment

Water supply: pipeline pressurization, etc.
Engineering boosting: accompanying systems for flushing and cleaning systems, boiler feed water, cooling water circulation, etc.
Water treatment: ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool and other water treatment systems.
Irrigation: water and fertilizer integration machine, sprinkler irrigation, drip irrigation and other systems in agriculture.
Other special purposes.

Model Description

ALP 2 - 9 A m W P C

- C:common temperature
- P:plastic impeller
- W:50Hz
- three-phase(≤3kW is 220/380V)(omitted) m:single-phase 220V
- A:oval flange
- series
- rated flow
- water treatment special pump

Operating Conditions

Medium temperature: +4°C~+60°C
Maximum ambient temperature: +50°C
Medium pH value: 6.5~8.5
The volume ratio of solid impurities in the medium is 0.1%, and the particle size is less than 0.2.
The maximum working pressure is 15 bar.
Highest altitude: 1000 meters.

Motor

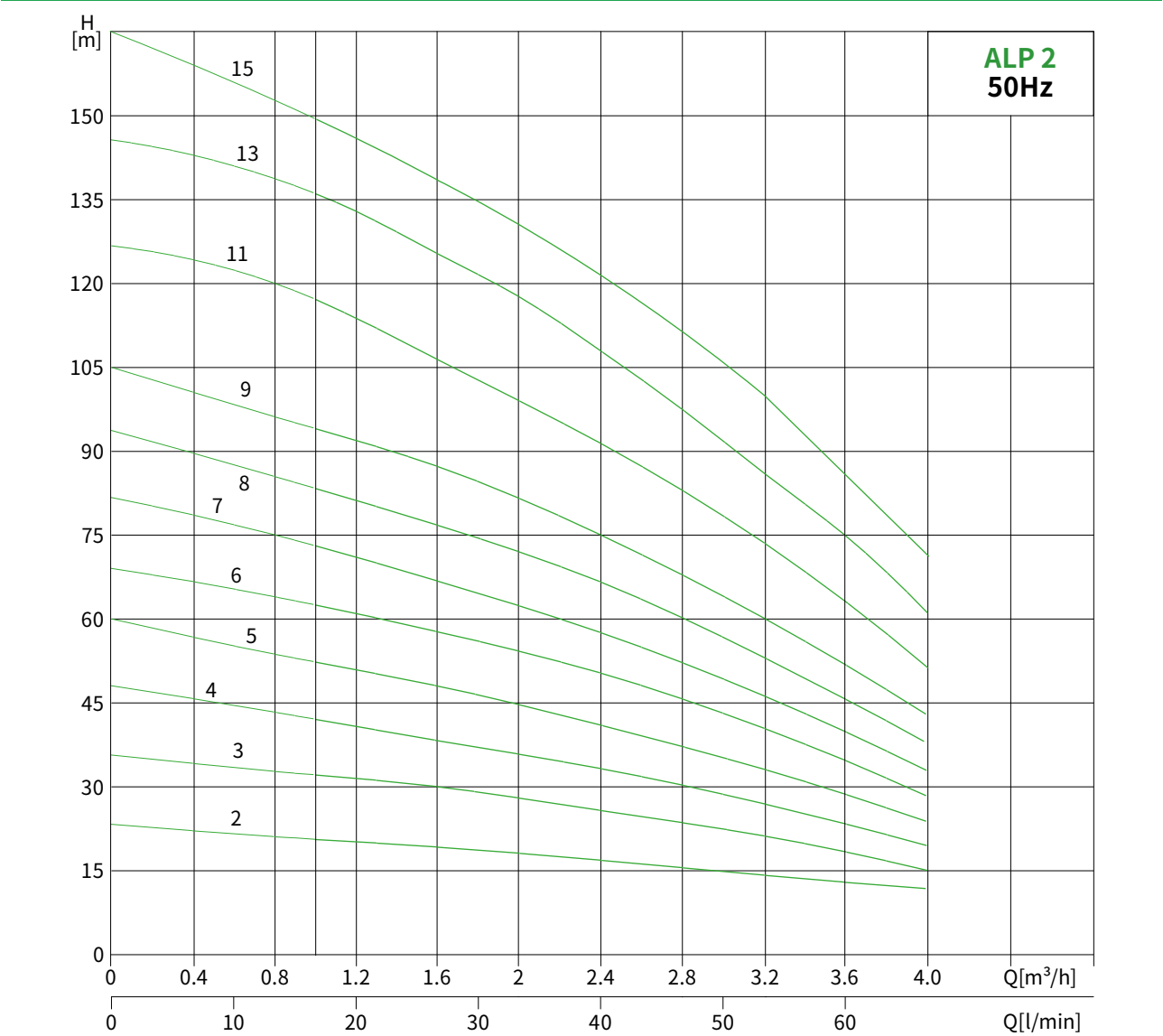
Totally enclosed standard air-cooled motor
Customized extended axle design
Protection class: IP55
Insulation class: F

Structure Diagram



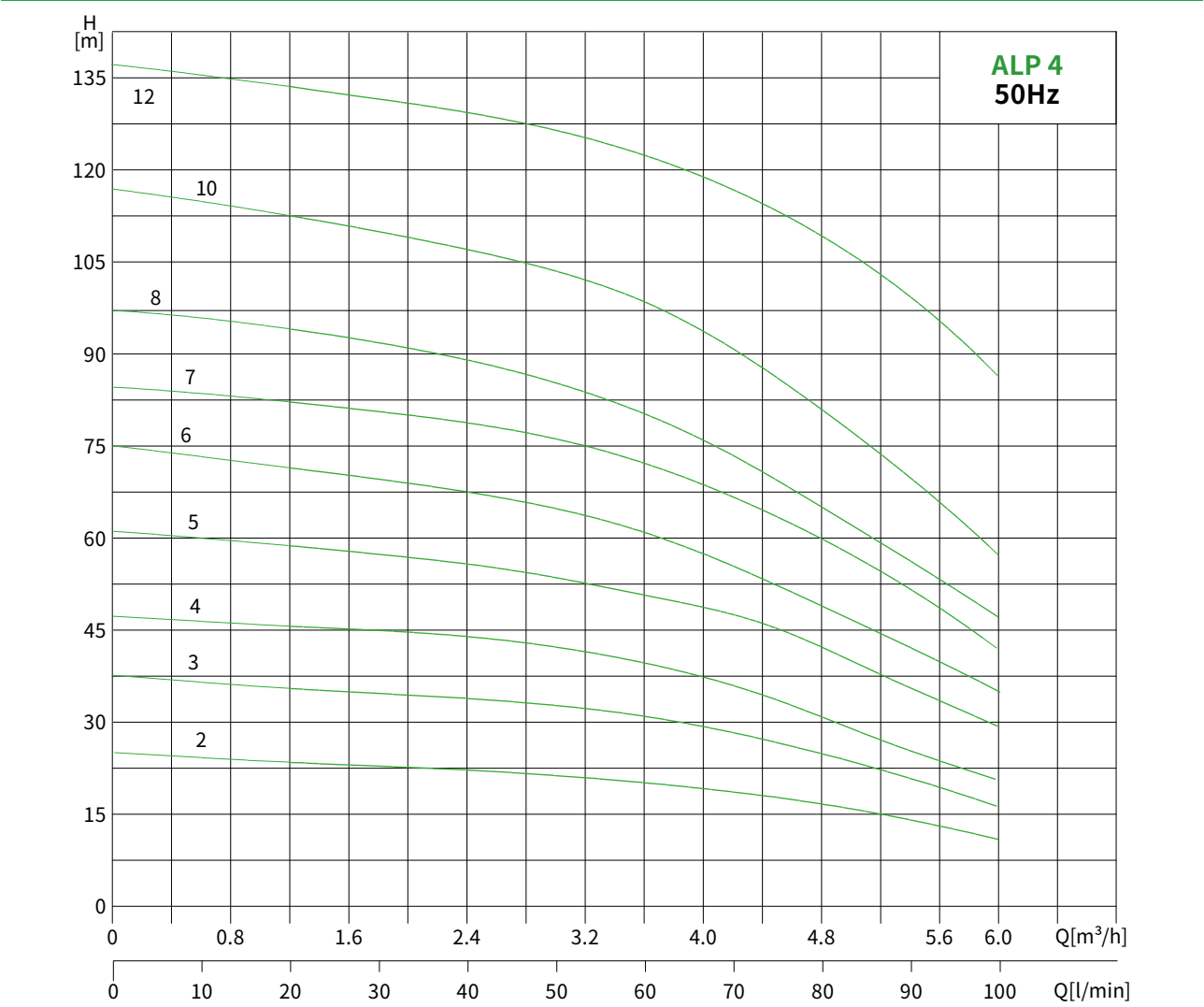
NO.	Name	Material	GB	NO.	Name	Material	GB
1	Motor	Assembly	/	12	Adjusting washer	Stainless steel	GB/T 20878-06Cr19Ni10
2	Vent plug	Stainless steel	GB/T 20878-06Cr19Ni10	13	Impeller	PPO	/
3	O-ring	Nitrile rubber	/	14	Diffuser	PPO	/
4	O-ring	Nitrile rubber	/	15	Pump barrel	Stainless steel	GB/T 20878-06Cr19Ni10
5	Spring washer	Stainless steel	GB/T20878-06Cr19Ni10	16	Handle	carbon steel	GB/T 699-45
6	Hexagon head bolt	Stainless steel	GB/T 20878-06Cr19Ni10	17	Washer	Stainless steel	GB/T 20878-06Cr19Ni10
7	Oval flange	Cast iron	GB/T9439-HT200	18	Self-locking washer	Stainless steel	GB/T 20878-06Cr19Ni10
8	O-ring	Nitrile rubber	/	19	Locking nut	Stainless steel	GB/T 20878-06Cr19Ni10
9	Mechanical seal	Graphite/silicon carbide	/	20	Discharge bolt	Stainless steel	GB/T 20878-06Cr19Ni10
10	axle sleeve	Stainless steel	GB/T20878-06Cr19Ni10	21	Pump body	Cast iron	GB/T 9439-HT200
11	Final diffuser	PPO	/				

Performance Curves



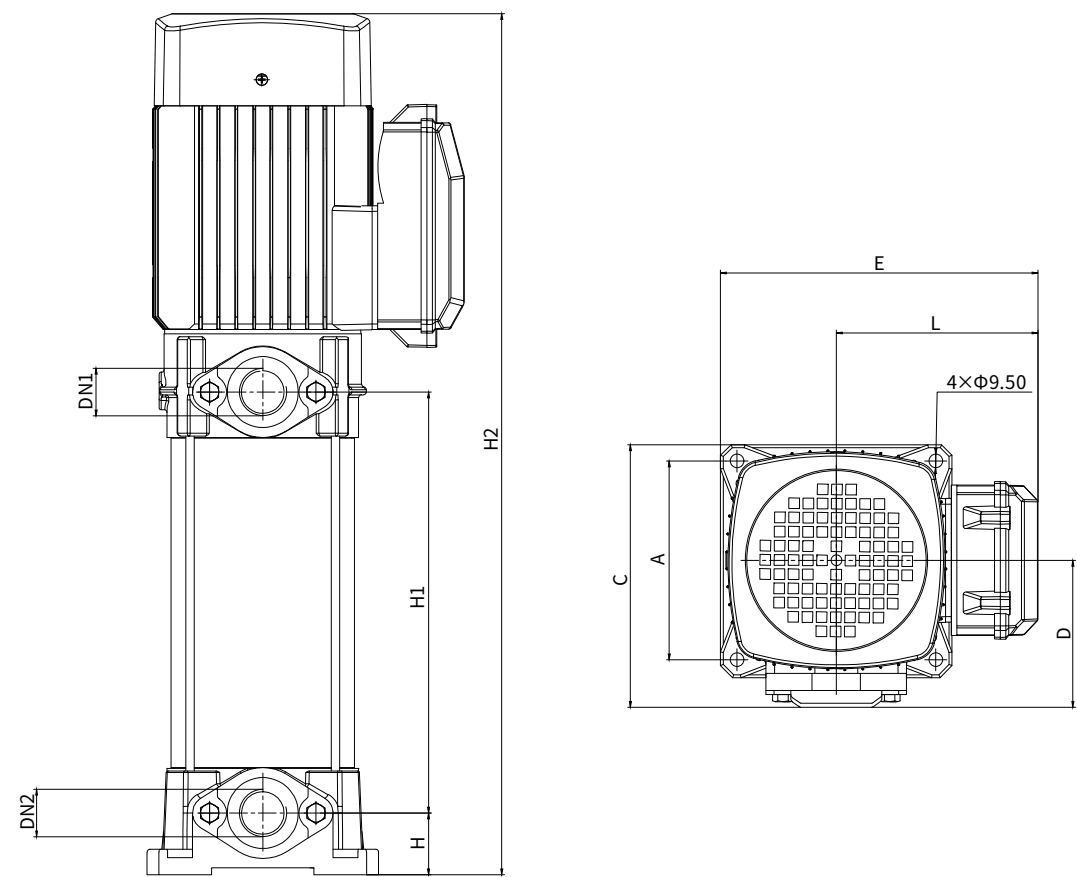
Model	Motor power(kW)	H(m)	Q(m³/h)	0	1	2	3	4
ALP2-2	0.37		23	21	18.5	15	10	
ALP2-3	0.55		36	32	28	22	16	
ALP2-4	0.75		48	42	36	28	20	
ALP2-5	1		59	54	45	34	23	
ALP2-6	1.1		69	63	53	42	29	
ALP2-7	1.1		80	75	65.5	51	34	
ALP2-8	1.5		91	84	73	57	38	
ALP2-9	1.5		102	95	84	65	43	
ALP2-11	1.8		125	115	99	79	52	
ALP2-13	2.2		140	130	116	90	62	

Performance Curves



Model	Motor power(kW)	Q(m³/h)	0	1	2	3	4	5	6
ALP4-2	0.55	H(m)	24	23	22	20	18	15	10
ALP4-3	0.75		37	36	34	32	29	23	16
ALP4-4	1.1		47	46	45	43	39	31	22
ALP4-5	1.5		61	59	57	53	48	39	28
ALP4-6	1.5		74	72	69	64	58	47	35
ALP4-7	1.8		86	84	81	76	69	56	41
ALP4-8	2.2		98	96	92	85	77	64	47
ALP4-10	2.6		116	113	109	104	96	81	59
ALP4-12	3.0		140	137	132	125	116	104	85

Overall Dimension



Laiko Pump (Zhejiang) Co., Ltd.

Model		DN1(mm)	DN2(mm)	H(mm)	H1(mm)	H2(mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)
Single-phase	Three-phase											
ALP(m)2-2	ALP2-2	G1	G2	43.5	128.5	440.5	140	140	185	130.5	230	148
ALP(m)2-3	ALP2-3				152.5	464.5						
ALP(m)2-4	ALP2-4				176.5	488.5						
ALP(m)2-5	ALP2-5				200.5	512.5						
ALP(m)2-6	ALP2-6				224.5	536.5						
ALP(m)2-7	ALP2-7				248.5	560.5						
ALP(m)2-8	ALP2-8				272.5	584.5						
ALP(m)2-9	ALP2-9				296.5	608.5						
ALP(m)2-11	ALP2-11				344.5	656.5						
/	ALP2-13				392.5	704.5						
ALP(m)4-2	ALP4-2	G1	G2	43.5	128.5	401	140	140	185	130.5	230	148
ALP(m)4-3	ALP4-3				152.5	425						
ALP(m)4-4	ALP4-4				176.5	487						
ALP(m)4-5	ALP4-5				200.5	511						
ALP(m)4-6	ALP4-6				224.5	535						
ALP(m)4-7	ALP4-7				248.5	559						
/	ALP4-8				272.5	583						
/	ALP4-10				320.5	631						
/	ALP4-12				368.5	720						144