



The third-generation KQDP/KQDQ light vertical multi-stage centrifugal pump



High efficiency and more energy saving

The pump has excellent performance and high efficiency. The efficiency index has reached the international advanced level, and the energy efficiency index has reached $MEI \geq 0.7$, which is far higher than the national energy saving standard. It has passed the national pump energy saving certification.



Corrosion resistance and long service life

Adopt the new industrial and hydraulic design method, and carry on the finite element strength analysis. Stainless steel bellows are precisely cast by silicon melt adhesive with high dimensional accuracy. Cast iron parts are mechanically moulded with overlay sand and coated with electrophoretic paint. The appearance is smooth and corrosion resistant.



Beautiful shape

Casing made of stainless steel plate, the outer surface is polished, clean and beautiful, with a modern atmosphere.



Clean and environmental protection

Parts are made of stainless steel plate, green and environmental protection, will not cause secondary pollution of water quality, in line with the requirements of health standards.

Kaiquan and SKF Strategic Cooperation

SKF is rooted in China, Kaiquan goes to the World!

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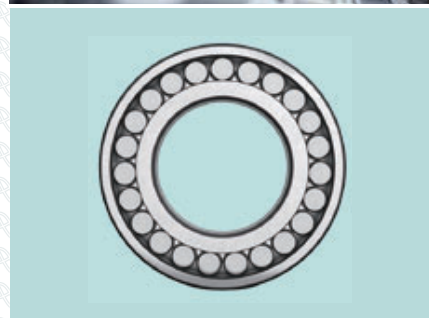


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Kaiquan became the first company in the world to allow the use of SKF Equipped trademarks on equipment!

Kaiquan became the first company in the world to allow the use of SKF Equipped trademarks on equipment!

Shanghai Kaiquan is a large-scale comprehensive pump industry group integrating design/production/sales of pumps, water supply equipment and pump control equipment. The group has more than 6,000 employees, including more than 800 engineering and technical personnel, mainly composed of well-known pump experts, professors, doctors and masters, and intermediate and senior engineers, forming an echelon talent structure with innovative thinking. It has 7 enterprises and 5 industrial parks in Shanghai, Zhejiang, Hebei, Liaoning, Anhui and other provinces and cities. Shanghai Kaiquan Group has won the "Shanghai Top 100 High-tech Enterprises", "Shanghai Famous Brand Products", "China Quality Credit AAA Level", "National Contract Credit Rating AAA Level", "Quality, Credit and Service Three Excellent Enterprise", etc. Honorable title. The products serve the construction (including heating and air conditioning), municipal, nuclear power, thermal power, petrochemical, large-scale water conservancy and other fields.

SKF Group is constantly committed to reducing friction, making machinery and equipment run faster, longer service life, more environmentally friendly and safer. Adhering to the business philosophy of efficiency and sustainability, SKF Group is the world's leading supplier of products, solutions and services in the fields of rolling bearings, seals, mechatronics, services and lubrication systems. Services include technical support, maintenance services, condition monitoring, asset efficiency optimization, engineering consulting and training.

Today, SKF has more than 130 production bases around the world, sales companies in more than 130 countries, and more than 17,000 dealer stores, providing customers all over the world with customized solutions and products that meet global quality standards.

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Product Introduction

The third-generation KQDP/KQDQ light vertical multi-stage centrifugal pump is a product designed with energy saving, environmental protection, safety and reliability as the design concept, and adopts a new industrial and hydraulic design method. The product is suitable for different temperature, flow and pressure ranges, and can transport various different media from tap water to industrial liquid. It is widely used in water supply, industrial pressurization, industrial liquid transportation, heating, irrigation and water treatment and other fields. The type can also be used in beverage, medicine and other fields. KQDP is suitable for non-corrosive liquids, and KQDQ is suitable for non-corrosive liquids.

This product complies with the GB/T5657-2013 "Technical Conditions for Centrifugal Pump (III)" standard.

Product Features



Energy saving, high efficiency, green environmental protection

The efficiency index reached the international advanced level, and the energy efficiency index reached $MEI \geq 0.7$.



Compact structure, safe and reliable

Under the same flow head parameters, the pump height is lower, the vibration is smaller, the noise is lower, the occupation space is smaller, the weight is lighter.



Durable and easy to repair

The special container seal is used to ensure the smooth operation and no leakage in the environment of slight vibration and impact. The sealing position is designed with enough space for disassembly and assembly, which is convenient for maintenance. When replacing the mechanical seal, there is no need to dismantle the pump.



Precision manufacturing, quality first

The impeller, guide vane, intermediate segment and other important parts are welded by cold drawing and stamping of stainless steel. The flow passage of the flow part is smooth, corrosion resistance is strong, and the efficiency is high. Generally, the efficiency is 5%-10% higher than that of the casting pump. The impeller is welded by the front cover plate, the blades and the rear cover plate. The blades of KQDP40 and below series have protruding solder joints. When a large current flows between the blades and the front and rear cover plates, high temperature is generated at the bumps due to the high contact resistance, which makes the bumps melt into one body, and the welding efficiency is high. Because of the small thickness of the plate, the impeller rear cover is punched with spline grooves, and the impeller is connected by the spline shaft to transmit torque. The spline groove of the back cover is stressed by multiple tooth grooves, which improves the working reliability.



High efficiency motor, pursuit of excellence

The efficiency of fully enclosed self fan cooled squirrel cage three-phase induction motor is 2%-10% higher than that of ordinary motor. The motor bearing is equipped with SKF Bearing or NSK bearing. The motor power below 4kw (including 4kw) is NSK bearing, and the motor power above 55kW (including 5.5kW) is SKF Bearing.



Inlet and outlet flange in the same line, installation is more convenient

KQDP25, 32, 40 are equipped with round flanges as standard, and cast iron oval flanges (threaded connections) are optional. KQDQ25, 32 standard with round flange, optional bayonet type, external pipe thread connection.

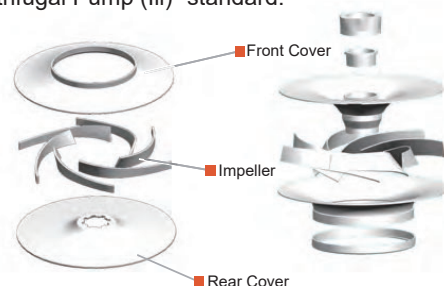
KQDQ40 is equipped with round flange as standard, and bayonet connection is optional.

KQDP/Q50, 65, 80, 100 are equipped with round flanges as standard, and KQDQ50 can be connected with bayonet type.

Special instructions: 1. Ellipse flange connection with a pressure rating of 1.6MPa and below, please use round flange connection if it is greater than 1.6MPa;

2. All standard flanges are in accordance with GB/t17241.6-2008 design standard, pressure rating is PN2.5MPa

3. matching flange and pipe clamp for pipeline connection, which need to be ordered separately.



Working Conditions

Liquid: a clean, thin, non-flammable, explosive liquid that does not contain particles and fibers or physical and chemical properties similar to water

Liquid temperature: -20°C to 70°C

70°C to 120°C (high temperature resistant machine seal, O-ring seal)

Ambient temperature: +40°C Max

Altitude: Less than 1000m

Maximum operating pressure: suction inlet pressure + pump maximum pressure $\leq 2.5\text{MPa}$ and inlet pressure $\leq 1.0\text{MPa}$

Application Field

Water supply: high-rise building secondary water supply, water plant filtration, transportation, supercharging

Industrial liquid transportation: boiler feed water, condensing system, machine tool components matching

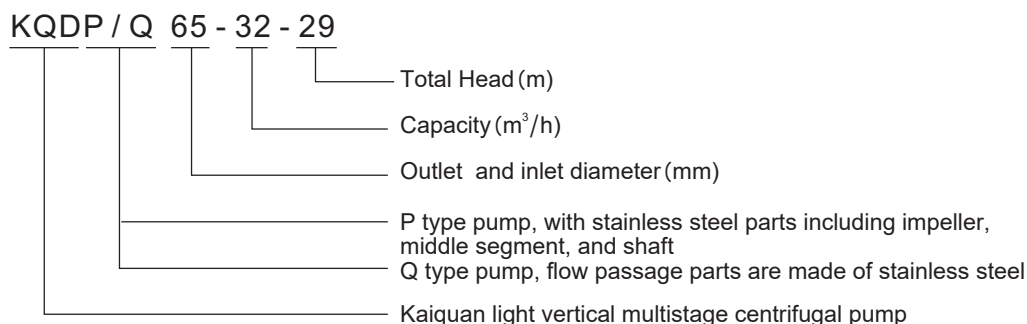
Industrial liquid transportation: boiler feed water, condensing system, machine tool components matching

HVAC: Air conditioning system

Irrigation: field irrigation, sprinkler irrigation, drip irrigation

Water treatment: swimming pools, distillation systems, etc

Model Description



Maximum Suction Height

During the user's operations, in consideration of the influences of the diversified factors, the maximum suction height H shall be less than the calculation below (A negative value denotes backward flow), otherwise the pump can't run normally.

$$H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$$

- P_b = Local atmospheric pressure, bar (1 bar at sea level)
- In a closed system, P_B is the system pressure, bar
- Net positive suction head, m
- H_f = Inlet Pipeline loss, m
- H_v = Saturated vapor pressure of liquid, m
- H_s = Safety margin ≥ 0.5, m

For example: Assuming that the atmospheric pressure P_b = 1bar, net positive suction head of pump NPSH = 2m, and the suction pipeline loss H_f = 2.2m,

(1) When the liquid temperature is 20 °C, the saturated vapor pressure H_v is 0.23m

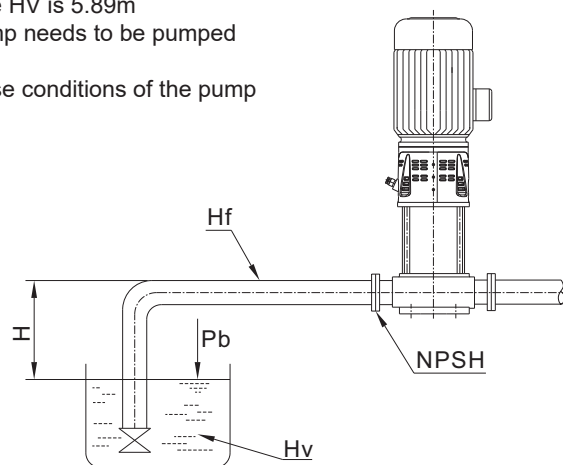
H = 1 × 10.2 - 2 - 2.2 - 0.23 - 0.5 = 5.27m (the greater the positive value, the less easy to cavitation)

(2) When the liquid temperature is 85 °C, the saturated vapor pressure H_v is 5.89m

H = 1 × 10.2 - 2 - 2.2 - 5.89 - 0.5 = -0.39m (negative value means that the pump needs to be pumped backwards, and the inlet is under pressure)

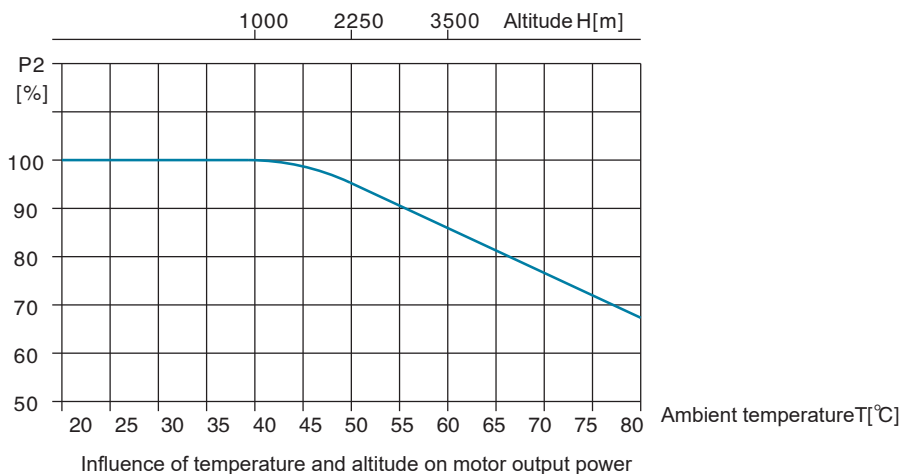
The liquid temperature of the pump is not consistent, and the other use conditions of the pump are consistent, and the suction height is different

Physical Properties of Water			
Water Temperature T / °C	Saturated Vapor Pressure H _v / m	Water Temperature T / °C	Saturated Vapor Pressure H _v / m
5	0.09	90	7.15
10	0.13	95	8.62
20	0.23	100	10.33
30	0.43	105	12.32
40	0.75	110	14.61
50	1.26	115	17.24
60	2.03	120	20.25
70	3.18	125	23.67
80	4.83	130	27.55
85	5.89	135	31.92



Maximum Ambient Temperature and Altitude

When the pump is operated at an ambient temperature of more than 40℃ or an altitude of more than 1000m, due to low air density and poor cooling effect, the output power P2 of the motor will be reduced to a certain extent. Therefore, the power of the pump with the motor should be increased (see the figure below for details).



Shaft Seal

Mechanical seal: Assembled and maintenance-free mechanical seal, easy maintenance

Basic configuration: The rubber material is fluorine rubber, the dynamic and static ring material is hard combined + imported graphite, compared with SiC+SiC configuration, more vibration and shock resistance, more reliable.

Material

KQDQ type: All flow passage parts are all 304 stainless steel (imported steel plate), the motor bracket is HT

KQDP type: Impeller and middle flow passage parts are 304 stainless steel (imported steel plate), inlet and outlet segments and brackets are HT

Rotation direction of pump

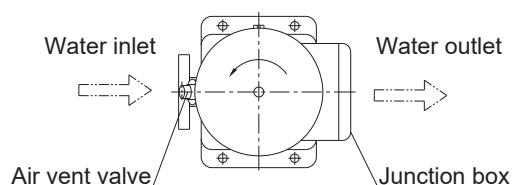
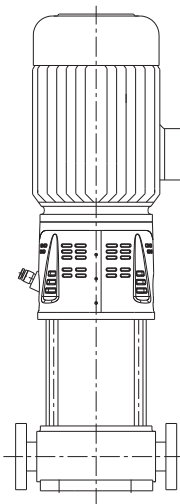
Observed from the drive end, the KQDP and KQDQ pumps are rotating counter-clockwise.

Motor Junction Box Location

Observed from the motor end, the junction box for KQDP and KQDQ pumps is on the water outlet side.

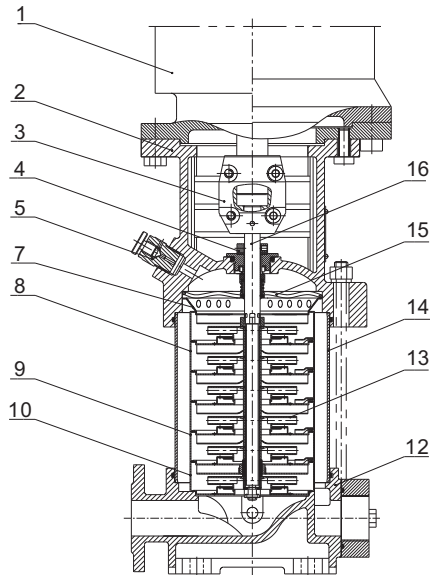
Notice: The installation location of junction box is customizable. Please specify in the order.

KQDP, KQDQ

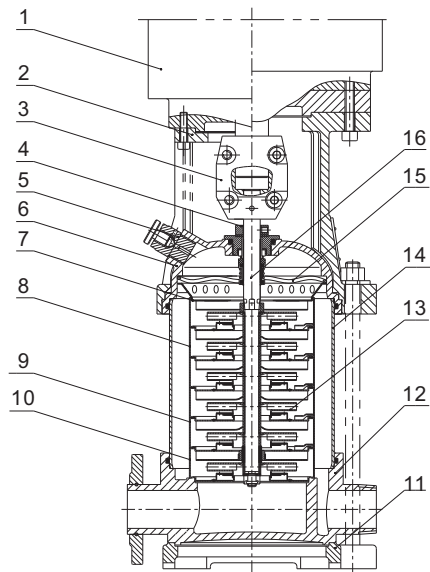


Structural Diagram

Structural Diagram
KQDP25-1(G), 25-2, 25-3(G)
32-4, 32-5(G)



KQDQ25-1(G), 25-2, 25-3(G)
32-4, 32-5(G)

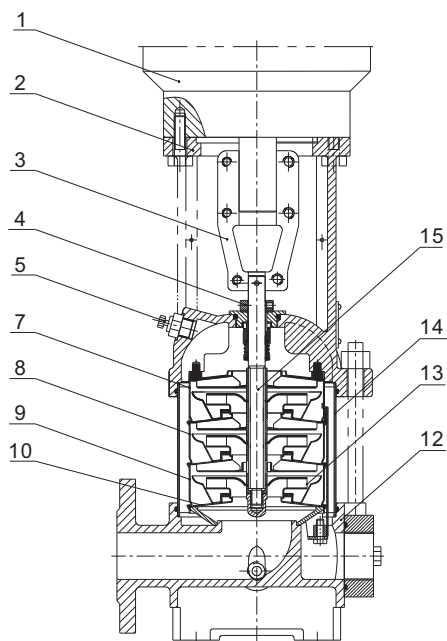


Material Table

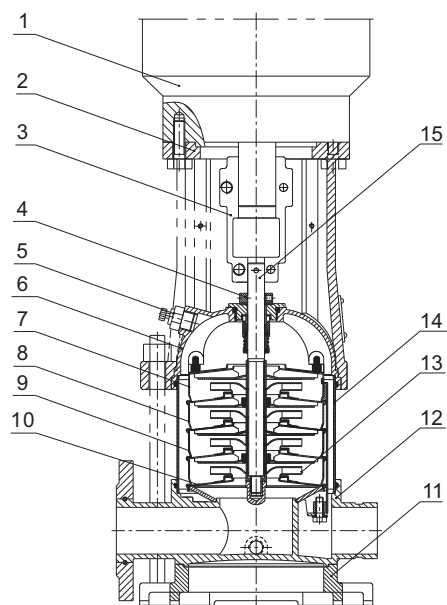
KQDP/Q25-1(G), 25-2, 25-3(G)
32-4, 32-5(G)

No.	Name	Material	AISI/ASTM
1	Motor		
2	Bracket	Cast Iron	ASTM25B
3	Clamp Coupling	Powder Metallurgy / Carbon Steel	
4	Assembled Mechanical Seal	Cemented Carbide + Imported Graphite	
5	Air Vent Valve	Stainless Steel	AISI304
7	Water Outlet Segment	Stainless Steel	AISI304
8	Intermediate Segment	Stainless Steel	AISI304
9	Bearing Segment	Stainless Steel + Cemented Carbide	
10	Water Inlet Segment	Stainless Steel	AISI304
13	Impeller	Stainless Steel	AISI304
14	Outer Casing	Stainless Steel	AISI304
15	Elastic Ring	Stainless Steel	AISI304
16	Shaft	Stainless Steel	AISI304
KQDP			
12	Suction and Discharge Casing	Cast Iron	ASTM25B
KQDQ			
6	Casing Cover	Stainless Steel	AISI304
11	Bottom Plate	Cast Iron	ASTM25B
12	Suction and Discharge Casing	Stainless Steel	AISI304

Structural Diagram
KQDP40-8、40-10、50-12



KQDQ40-8、40-10、50-12

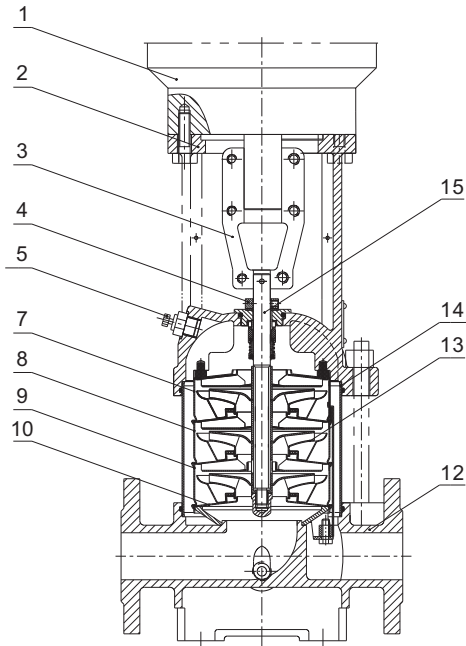


Material Table
KQDP/Q40-8、40-10、50-12

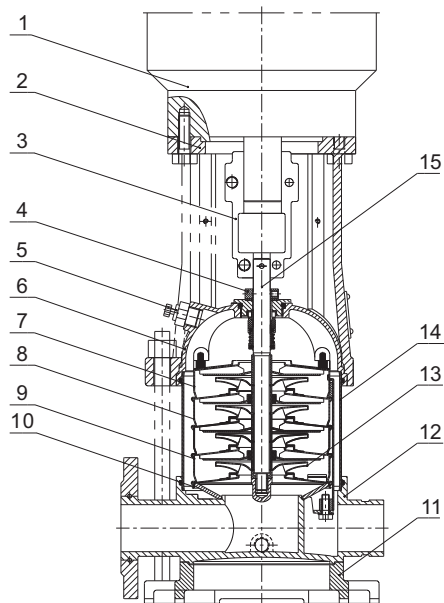
No.	Name	Material	AISI/ASTM
1	Motor		
2	Bracket	Cast Iron	ASTM25B
3	Clamp Coupling	Powder Metallurgy / Carbon Steel	
4	Assembled Mechanical Seal	Cemented Carbide + Imported Graphite	
5	Air Vent Valve	Stainless Steel	AISI304
7	Water Outlet Segment	Stainless Steel	AISI304
8	Intermediate Segment	Stainless Steel	AISI304
9	Bearing Segment	Stainless Steel + Cemented Carbide	
10	Water Inlet Segment	Stainless Steel	AISI304
13	Impeller	Stainless Steel	AISI304
14	Outer Casing	Stainless Steel	AISI304
15	Shaft	Stainless Steel	AISI304
KQDP			
12	Suction and Discharge Casing	Cast Iron	ASTM25B
KQDQ			
6	Casing Cover	Stainless Steel	AISI304
11	Bottom Plate	Cast Iron	ASTM25B
12	Suction and Discharge Casing	Stainless Steel	AISI304

Structural Diagram

KQDP50-15、50-16、50-20



KQDQ50-15、50-16、50-20



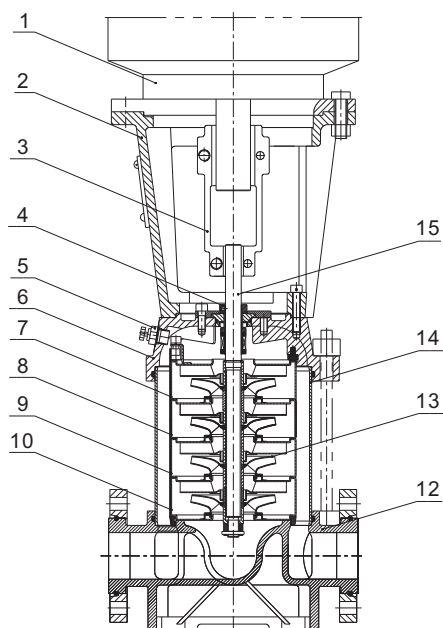
Material Table

KQDP/Q50-15、50-16、50-20

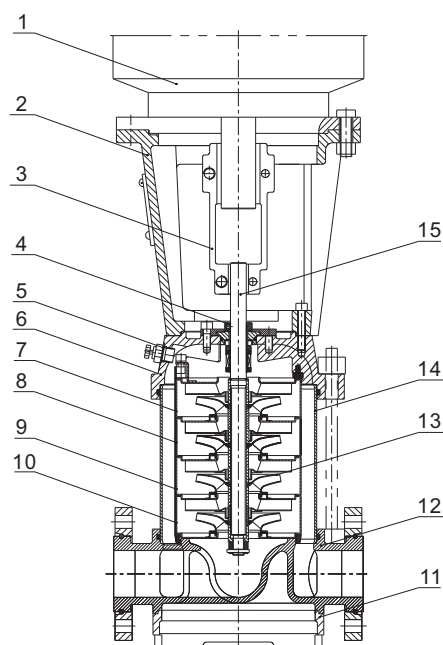
No.	Name	Material	AISI/ASTM
1	Motor		
2	Bracket	Cast Iron	ASTM25B
3	Clamp Coupling	Powder Metallurgy / Carbon Steel	
4	Assembled Mechanical Seal	Cemented Carbide + Imported Graphite	
5	Air Vent Valve	Stainless Steel	AISI304
7	Water Outlet Segment	Stainless Steel	AISI304
8	Intermediate Segment	Stainless Steel	AISI304
9	Bearing Segment	Stainless Steel + Cemented Carbide	
10	Water Inlet Segment	Stainless Steel	AISI304
13	Impeller	Stainless Steel	AISI304
14	Outer Casing	Stainless Steel	AISI304
15	Shaft	Stainless Steel	AISI304
KQDP			
12	Suction and Discharge Casing	Cast Iron	ASTM25B
KQDQ			
6	Casing Cover	Stainless Steel	AISI304
11	Bottom Plate	Cast Iron	ASTM25B
12	Suction and Discharge Casing	Stainless Steel	AISI304

Structural Diagram

KQDP65-32



KQDQ65-32



Material Table

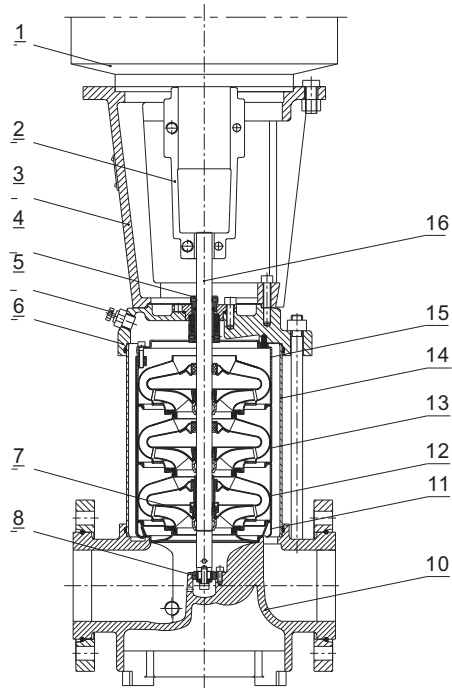
KQDP/Q65-32

No.	Name	Material	AISI/ASTM
1	Motor		
2	Bracket	Cast Iron	ASTM25B
3	Clamp Coupling	Powder Metallurgy / Carbon Steel	
4	Assembled Mechanical Seal	Cemented Carbide + Imported Graphite	
5	Air Vent Valve	Stainless Steel	AISI304
7	Water Outlet Segment	Stainless Steel	AISI304
8	Intermediate Segment	Stainless Steel	AISI304
9	Bearing Segment	Stainless Steel + Cemented Carbide	
10	Water Inlet Segment	Stainless Steel	AISI304
13	Impeller	Stainless Steel	AISI304
14	Outer Casing	Stainless Steel	AISI304
15	Shaft	Stainless Steel	AISI431
KQDP			
6	Casing Cover	Stainless Steel	ASTM25B
12	Suction and Discharge Casing	Cast Iron	ASTM25B
KQDQ			
6	Casing Cover	Stainless Steel	AISI304
11	Bottom Plate	Cast Iron	ASTM25B
12	Suction and Discharge Casing	Stainless Steel	AISI304

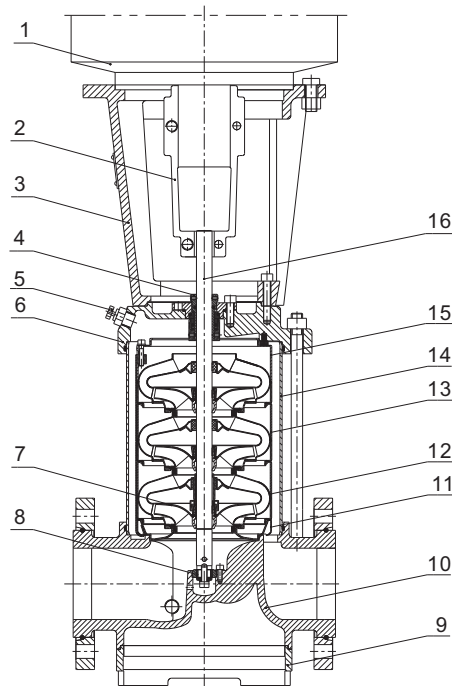
Notice: KQDP(Q)65-100 series coupling covers are made of stainless steel

Structural Diagram

KQDP80-45、100-64、100-90



KQDQ80-45、100-64、100-90

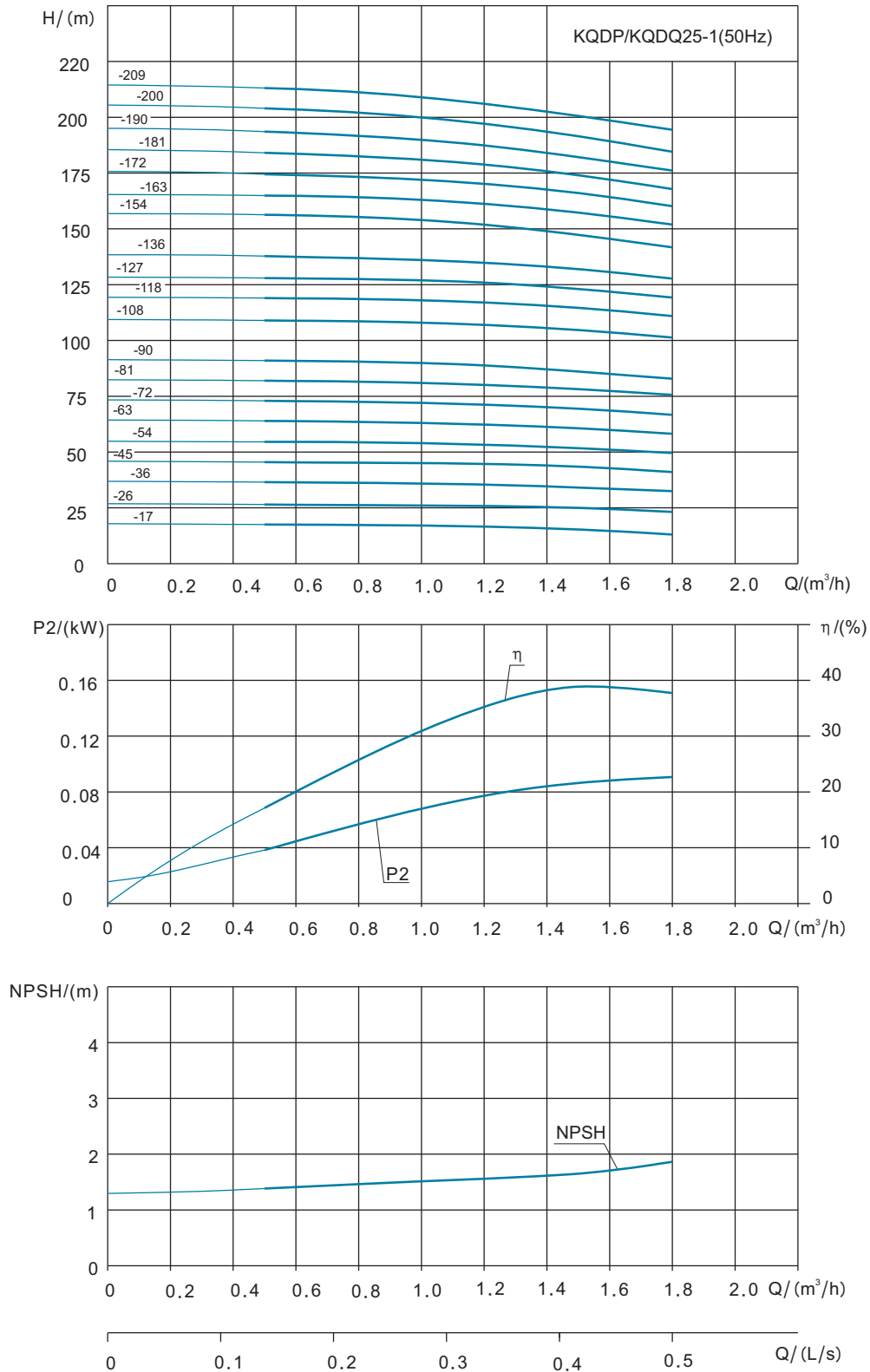


Material Table

KQDP/Q80-45、100-64、100-90

No.	Name	Material	AISI/ASTM
1	Motor		
2	Bracket	Cast Iron	
3	Clamp Coupling	Powder Metallurgy / Carbon Steel	ASTM25B
4	Assembled Mechanical Seal	Cemented Carbide + Imported Graphite	
5	Air Vent Valve	Stainless Steel	AISI304
7	Water Outlet Segment	Stainless Steel	AISI304
8	Intermediate Segment	Stainless Steel	
11	Bearing Segment	Stainless Steel + Cemented Carbide	AISI304
12	Water Inlet Segment	Stainless Steel	
13	Impeller	Stainless Steel	AISI304
14	Outer Casing	Stainless Steel	AISI304
15	Shaft	Stainless Steel	AISI304
16			AISI431
KQDP			
6	Casing Cover	Stainless Steel	ASTM25B
10	Suction and Discharge Casing	Cast Iron	ASTM25B
KQDQ			
6	Casing Cover	Stainless Steel	AISI304
9	Bottom Plate	Cast Iron	ASTM25B
10	Suction and Discharge Casing	Stainless Steel	AISI304

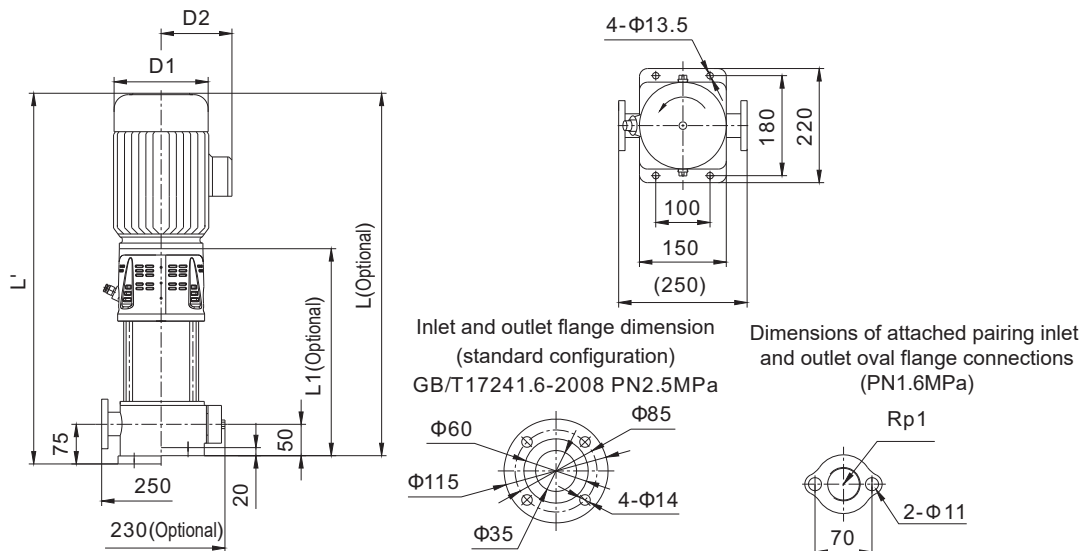
Performance Curve



KQDP/KQDQ25-1 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	0.5	0.8	1	1.4	1.8
1	25-1-17	0.37	H (m)	17.5	17.2	17	15.5	15
2	25-1-26			26.5	26.2	26	25	24.5
3	25-1-36			36.5	36.2	36	34	33
4	25-1-45	0.55		45.5	45.2	45	43.5	42.5
5	25-1-54	0.75		54.5	54.2	54	52	50.5
6	25-1-63			64	63.5	63	61	59.5
7	25-1-72			73	72.5	72	69.5	68
8	25-1-81	1.1		82	81.5	81	78.5	76.5
9	25-1-90			91	90.5	90	86.5	85
10	25-1-108			109	108.5	108	104.5	102
11	25-1-118	1.5		119	118.5	118	114.5	112
12	25-1-127			128	127.5	127	123.5	121
13	25-1-136			138	136.8	136	132.5	130
14	25-1-154	2.2		155.5	154.6	154	149	146
15	25-1-163			165	163.8	163	158	154.5
16	25-1-172			174	172.8	172	167	163
17	25-1-181			183	181.8	181	175	171.5
18	25-1-190			192	190.8	190	184	180.5
19	25-1-200			202	200.8	200	193.5	189.5
20	25-1-209			211	209.8	209	202.5	198.5

Installation Diagram

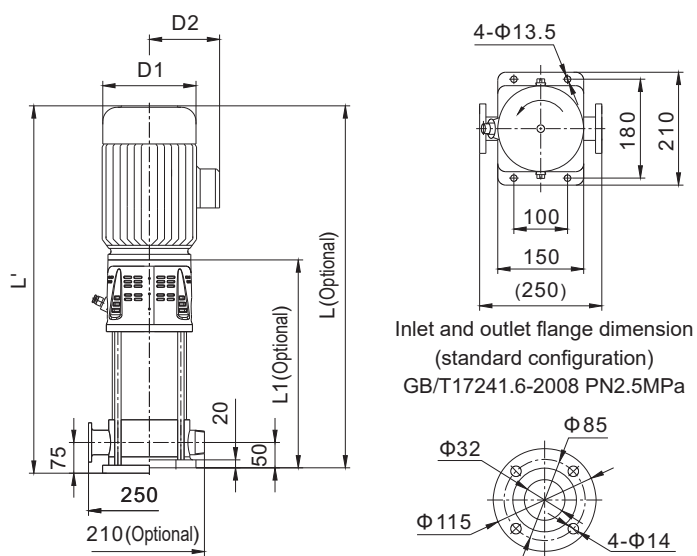
KQDP25-1



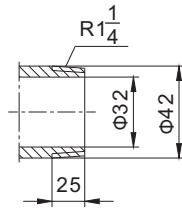
KQDP25-1 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-1-17	283	503	528	135	86	20
2	25-1-26	283	503	528			21
3	25-1-36	301	521	546			22
4	25-1-45	319	539	564			24
5	25-1-54	337	592	617	148	96	29
6	25-1-63	355	610	635			30
7	25-1-72	373	628	653			32
8	25-1-81	391	646	671			33
9	25-1-90	409	664	689			34
10	25-1-108	445	745	770	166	115	37
11	25-1-118	463	763	788			38
12	25-1-127	481	781	806			39
13	25-1-136	499	799	824			40
14	25-1-154	535	835	860			42
15	25-1-163	553	853	878			43
16	25-1-172	571	871	896			44
17	25-1-181	589	889	914			45
18	25-1-190	607	907	932			46
19	25-1-200	625	925	950			47
20	25-1-209	643	943	968			48

Installation Diagram

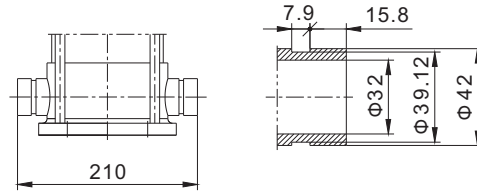
KQDQ25-1



Inlet and outlet thread connection dimension (optional)

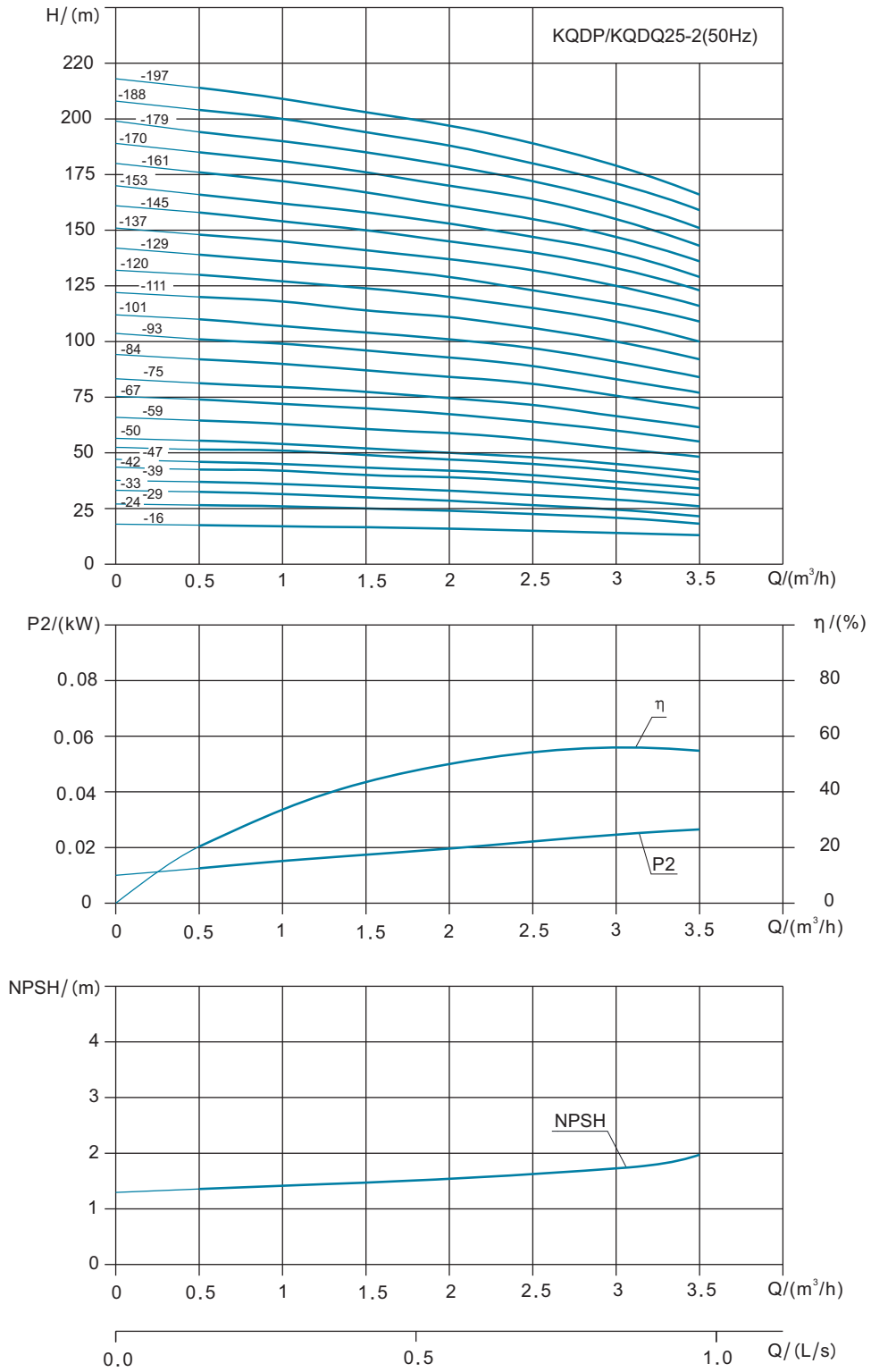


Inlet and outlet bayonet connection dimension (optional)



KQDQ25-1 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-1-17	290	510	535	135	86	20
2	25-1-26	290	510	535			21
3	25-1-36	308	528	553			22
4	25-1-45	326	546	571			24
5	25-1-54	344	599	624	148	96	29
6	25-1-63	362	617	642			30
7	25-1-72	380	635	660			32
8	25-1-81	398	653	678			33
9	25-1-90	416	671	696			34
10	25-1-108	452	752	777	166	115	37
11	25-1-118	470	770	795			38
12	25-1-127	488	788	813			39
13	25-1-136	506	806	831			40
14	25-1-154	542	842	867			42
15	25-1-163	560	860	885			43
16	25-1-172	578	878	903			44
17	25-1-181	596	896	921			45
18	25-1-190	614	914	939			46
19	25-1-200	632	932	957			47
20	25-1-209	650	950	975			48

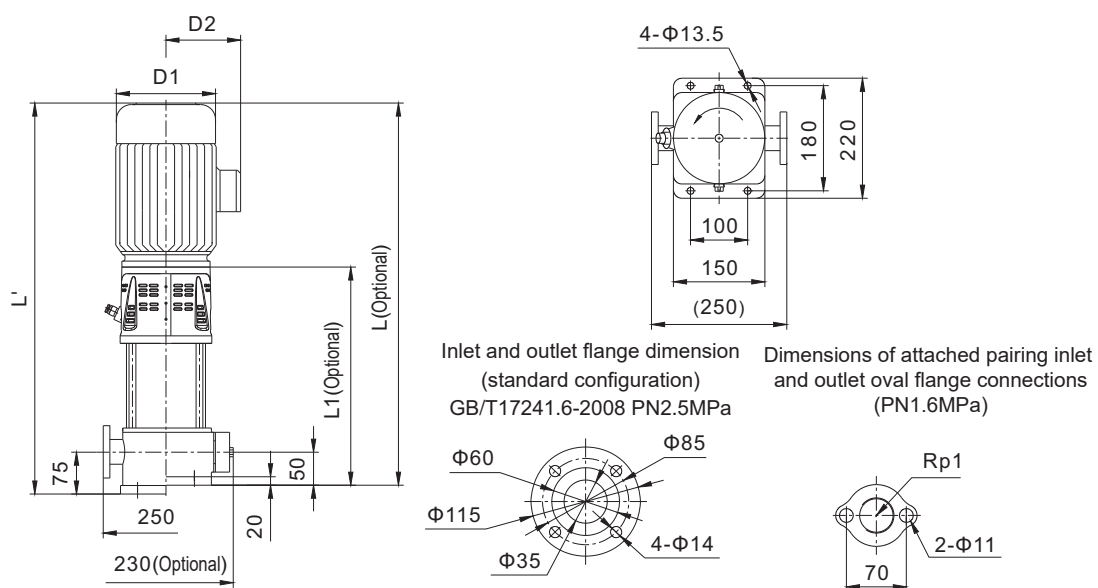
Performance Curve



KQDP/KQDQ25-2 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	0.5	1	2	2.8	3.5
1	25-2-16	0.37	H (m)	17.5	17	16	15	13
2	25-2-24			26.5	26	24	22	19
3	25-2-29			32.5	32	29	26	21
4	25-2-33	0.55		37	36	33	31	26
5	25-2-39			42.5	42	39	36	31
6	25-2-42	0.75		46	45	42	39	34
7	25-2-47			51.5	51	47	45	37
8	25-2-50			55.5	54	50	47	41
9	25-2-59	1.1		65	63	59	54	48
10	25-2-67			74	72	67	63	55
11	25-2-75			81	80	75	71	63
12	25-2-84	1.5		92	90	84	78	70
13	25-2-93			101	99	93	86	77
14	25-2-101			110	107	101	95	84
15	25-2-111	2.2		120	118	111	103	92
16	25-2-120			130	127	120	112	100
17	25-2-129			139	136	129	121	109
18	25-2-137			148	145	137	129	116
19	25-2-145			158	154	145	137	123
20	25-2-153	3		166	162	153	144	129
21	25-2-161			176	172	161	152	136
22	25-2-170			185	181	170	160	144
23	25-2-179			194	190	179	168	151
24	25-2-188			204	200	188	176	159
25	25-2-197			214	209	197	184	166

Installation Diagram

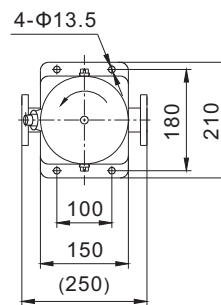
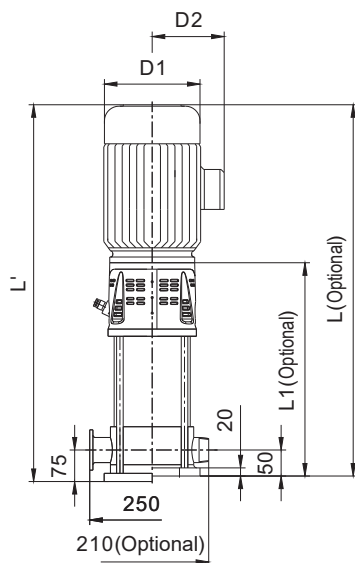
KQDP25-2



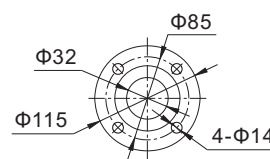
KQDP25-2 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-2-16	283	503	528	135	86	20
2	25-2-24	283	503	528			21
3	25-2-29	301	521	546			22
4	25-2-33	301	521	546			23
5	25-2-39	319	539	564			25
6	25-2-42	319	574	599	148	96	26
7	25-2-47	337	592	617			28
8	25-2-50	337	592	617			29
9	25-2-59	355	610	635			30
10	25-2-67	373	628	653			32
11	25-2-75	391	646	671	166	115	33
12	25-2-84	409	709	734			34
13	25-2-93	427	727	752			35
14	25-2-101	445	745	770			37
15	25-2-111	463	763	788			38
16	25-2-120	481	781	806			39
17	25-2-129	499	799	824			40
18	25-2-137	517	817	842			41
19	25-2-145	535	835	860			42
20	25-2-153	563	888	913	191	128	45
21	25-2-161	581	906	931			46
22	25-2-170	599	924	949			47
23	25-2-179	617	942	967			48
24	25-2-188	635	960	985			49
25	25-2-197	653	978	1003			50

Installation Diagram

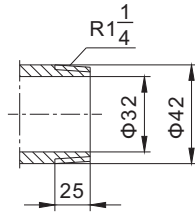
KQDQ25-2



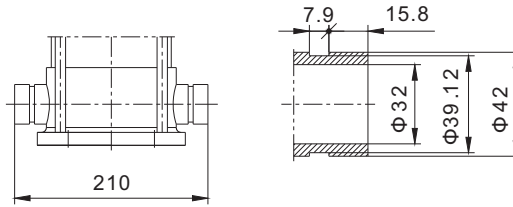
Inlet and outlet flange dimension
(standard configuration)
GB/T17241.6-2008 PN2.5MPa



Inlet and outlet thread connection dimension (optional)

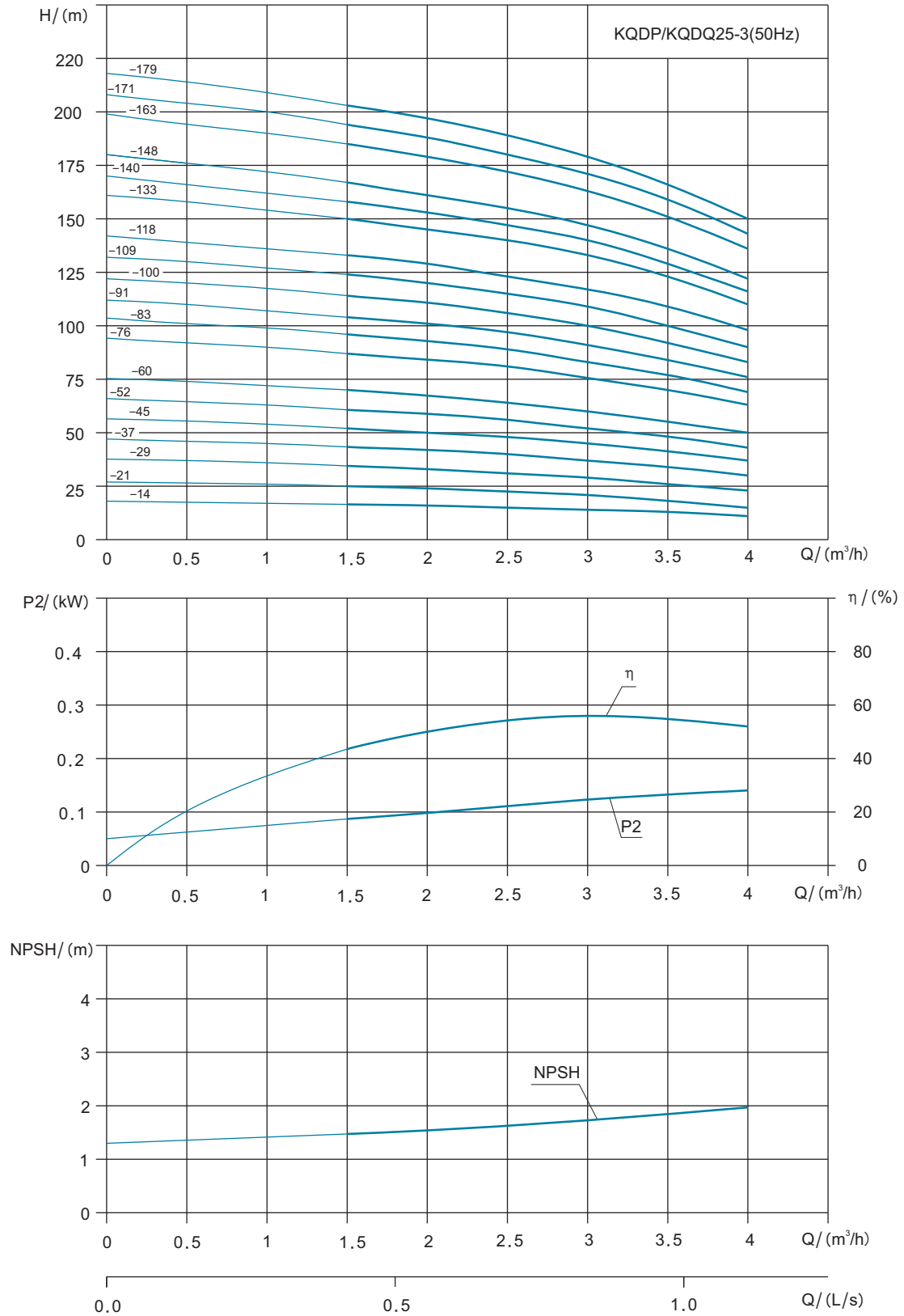


Inlet and outlet bayonet connection dimension (optional)



KQDQ25-2 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-2-16	290	510	535	135	86	20
2	25-2-24	290	510	535			21
3	25-2-29	308	528	553			22
4	25-2-33	308	528	553			23
5	25-2-39	326	546	571			25
6	25-2-42	326	581	606	148	96	26
7	25-2-47	344	599	624			28
8	25-2-50	344	599	624			29
9	25-2-59	362	617	642			30
10	25-2-67	380	635	660			32
11	25-2-75	398	653	678	166	115	33
12	25-2-84	416	716	741			34
13	25-2-93	434	734	759			35
14	25-2-101	452	752	777			37
15	25-2-111	470	770	795			38
16	25-2-120	488	788	813			39
17	25-2-129	506	806	831			40
18	25-2-137	524	824	849			41
19	25-2-145	542	842	867			42
20	25-2-153	570	895	920	191	128	45
21	25-2-161	588	913	938			46
22	25-2-170	606	931	956			47
23	25-2-179	624	949	974			48
24	25-2-188	642	967	992			49
25	25-2-197	660	985	1010			50

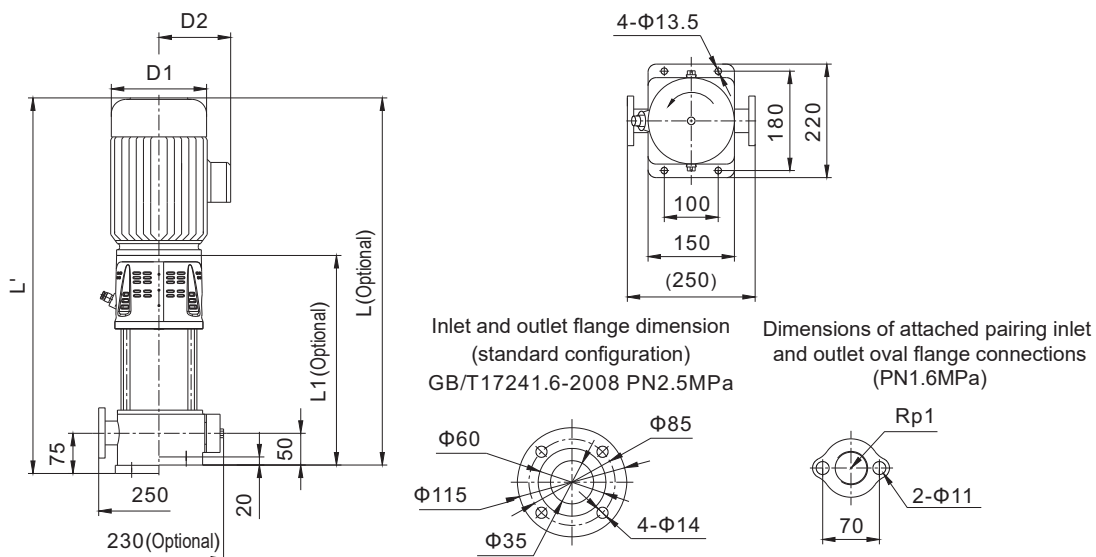
Performance Curve



KQDP/KQDQ25-3 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	1.5	2.5	3	3.6	4
1	25-3-14	0.37	H (m)	16.5	15	14	12.5	11
2	25-3-21			25	23	21	18.5	17
3	25-3-29			34	32	29	25	23
4	25-3-37	0.75		43	40	37	33	30
5	25-3-45			52	48	45	40	37
6	25-3-52			60.5	56	52	47	43
7	25-3-60	1.1		69	65	60	54	50
8	25-3-76			86	81	76	68.5	63
9	25-3-83			96	89	83	75	69
10	25-3-91	1.5		104	98	91	82	76
11	25-3-100			114	106	100	90	83
12	25-3-109			123	115	109	98	90
13	25-3-118	2.2		132	123	118	106.5	98
14	25-3-133			148	140	133	120	110
15	25-3-140			157	147	140	126	116
16	25-3-148	3		166	156	148	133	122
17	25-3-163			183	172	163	148	136
18	25-3-171			192	180	171	155.5	143
19	25-3-179			201	189	179	162.5	150

Installation Diagram

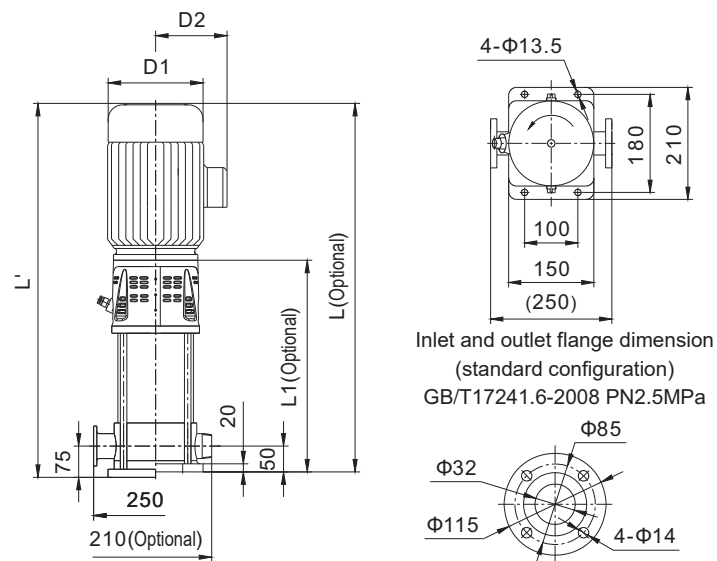
KQDP25-3



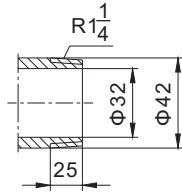
KQDP25-3 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-3-14	283	503	528	135	86	20
2	25-3-21	283	503	528			21
3	25-3-29	301	521	546			23
4	25-3-37	319	574	599	148	96	26
5	25-3-45	337	592	617			29
6	25-3-52	355	610	635			30
7	25-3-60	373	628	653			32
8	25-3-76	409	709	734	166	115	34
9	25-3-83	427	727	752			35
10	25-3-91	445	745	770			37
11	25-3-100	463	763	788			38
12	25-3-109	481	781	806			39
13	25-3-118	499	799	824			40
14	25-3-133	535	835	860	191	128	42
15	25-3-140	563	888	913			45
16	25-3-148	581	906	931			46
17	25-3-163	617	942	967			48
18	25-3-171	635	960	985			49
19	25-3-179	653	978	1003			50

Installation Diagram

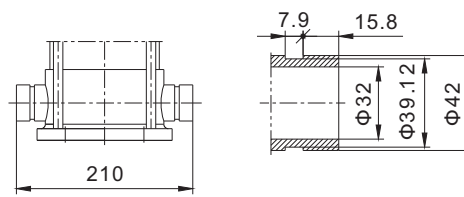
KQDQ25-3



Inlet and outlet thread connection dimension (optional)

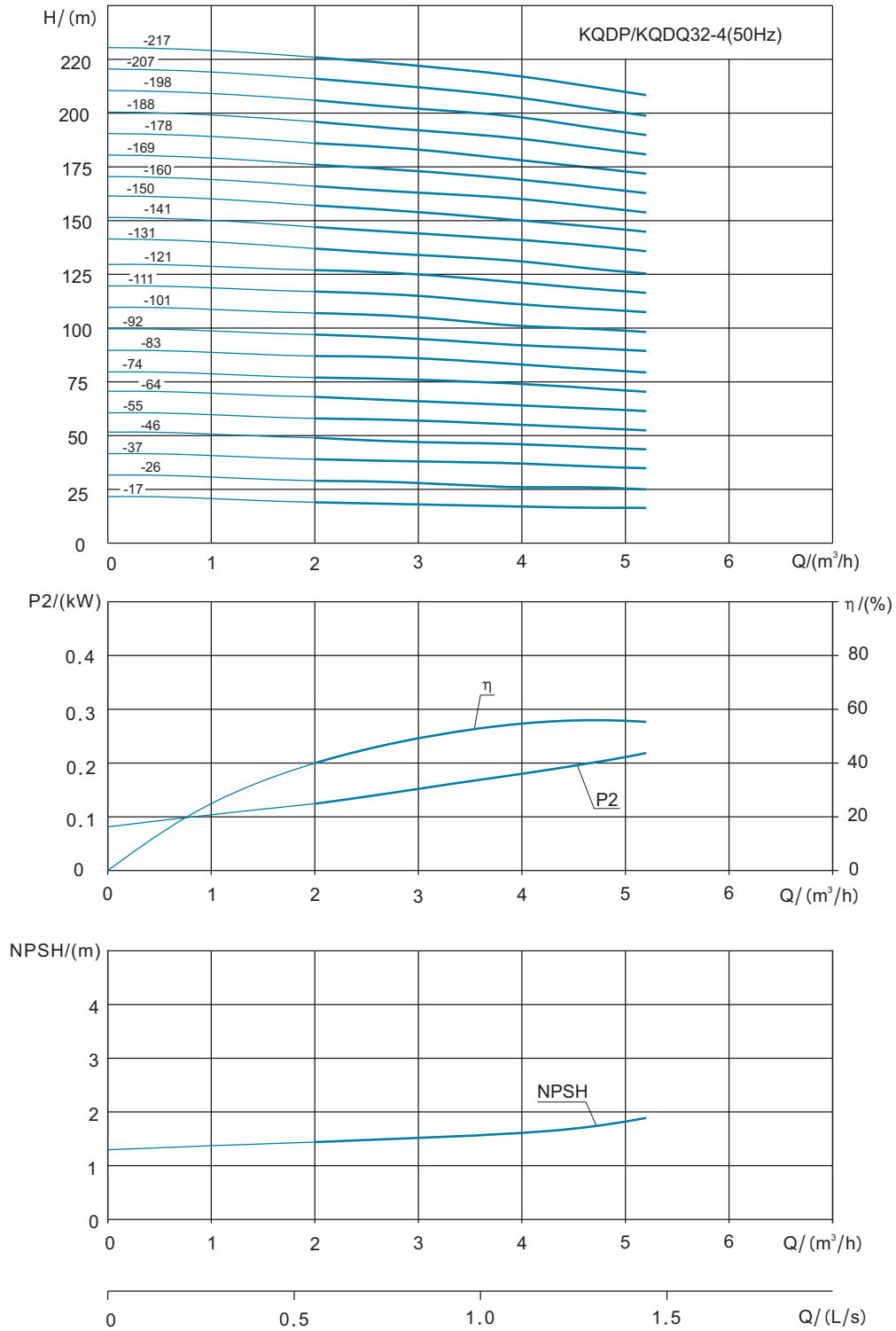


Inlet and outlet bayonet connection dimension (optional)



KQDQ25-3 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-3-14	290	510	535	135	86	20
2	25-3-21	290	510	535			21
3	25-3-29	308	528	553			23
4	25-3-37	326	581	606	148	96	26
5	25-3-45	344	599	624			29
6	25-3-52	362	617	642			30
7	25-3-60	380	635	660			32
8	25-3-76	416	716	741	166	115	34
9	25-3-83	434	734	759			35
10	25-3-91	452	752	777			37
11	25-3-100	470	770	795			38
12	25-3-109	488	788	813			39
13	25-3-118	506	806	831			40
14	25-3-133	542	842	867			42
15	25-3-140	570	895	920	191	128	45
16	25-3-148	588	913	938			46
17	25-3-163	624	949	974			48
18	25-3-171	642	967	992			49
19	25-3-179	660	985	1010			50

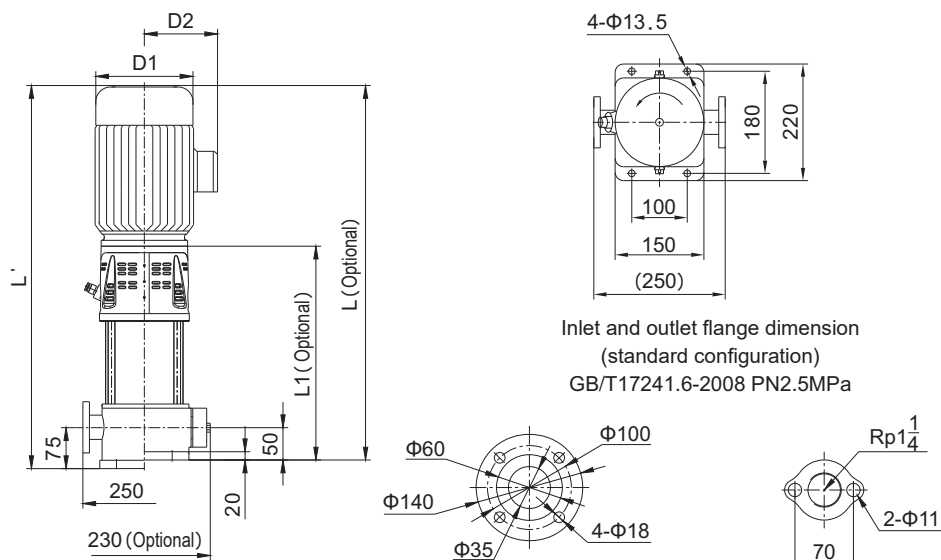
Performance Curve



KQDP/KQDQ32-4 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	2	3	4	4.6	5.2
1	32-4-17	0.55	H (m)	19	18	17	16.5	16
2	32-4-26	0.75		29	28	26	25.5	25
3	32-4-37	1.1		39	38	37	36	35
4	32-4-46			49	47	46	45	44
5	32-4-55	1.5		58	57	55	54	52
6	32-4-64			68	66	64	63	61
7	32-4-74	2.2		77	76	74	72	70
8	32-4-83			87	86	83	81	79
9	32-4-92			97	95	92	91	89
10	32-4-101	3		107	105	101	100	98
11	32-4-111			117	115	111	109	107
12	32-4-121			127	125	121	119	116
13	32-4-131	4		137	134	131	128	125
14	32-4-141			147	144	141	139	136
15	32-4-150			157	154	150	148	145
16	32-4-160			166	163	160	157	154
17	32-4-169	5.5		176	173	169	166	163
18	32-4-178			186	183	178	175	172
19	32-4-188			196	192	188	184	181
20	32-4-198			206	202	198	194	190
21	32-4-207			216	212	207	203	199
22	32-4-217			226	222	217	213	208

Installation Diagram

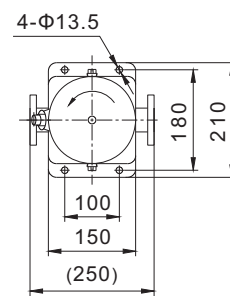
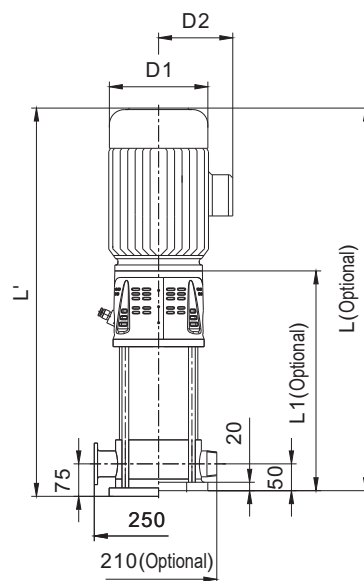
KQDP32-4



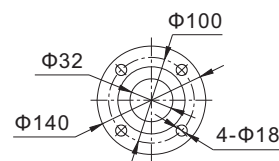
KQDP32-4 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-4-17	283	503	528	135	86	21
2	32-4-26	310	565	590	148	96	25
3	32-4-37	337	592	617			26
4	32-4-46	364	619	644			27
5	32-4-55	391	691	716	166	115	32
6	32-4-64	418	718	743			33
7	32-4-74	445	745	770			34
8	32-4-83	472	772	797			36
9	32-4-92	499	799	824			37
10	32-4-101	536	861	886	191	128	47
11	32-4-111	563	888	913			48
12	32-4-121	590	915	940			49
13	32-4-131	617	972	997	212	140	51
14	32-4-141	644	999	1024			52
15	32-4-150	671	1026	1051			53
16	32-4-160	698	1053	1078			54
17	32-4-169	745	1175	1200	258	163	64
18	32-4-178	772	1202	1227			65
19	32-4-188	799	1229	1254			66
20	32-4-198	826	1256	1281			67
21	32-4-207	853	1283	1308			68
22	32-4-217	880	1310	1335			69

Installation Diagram

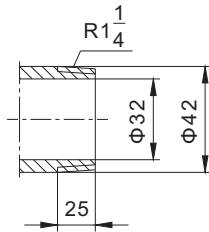
KQDQ32-4



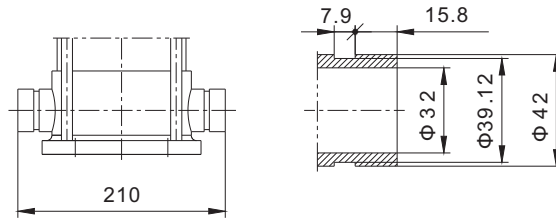
Inlet and outlet flange dimension
(standard configuration)
GB/T17241.6-2008 PN2.5MPa



Inlet and outlet thread connection dimension (optional)

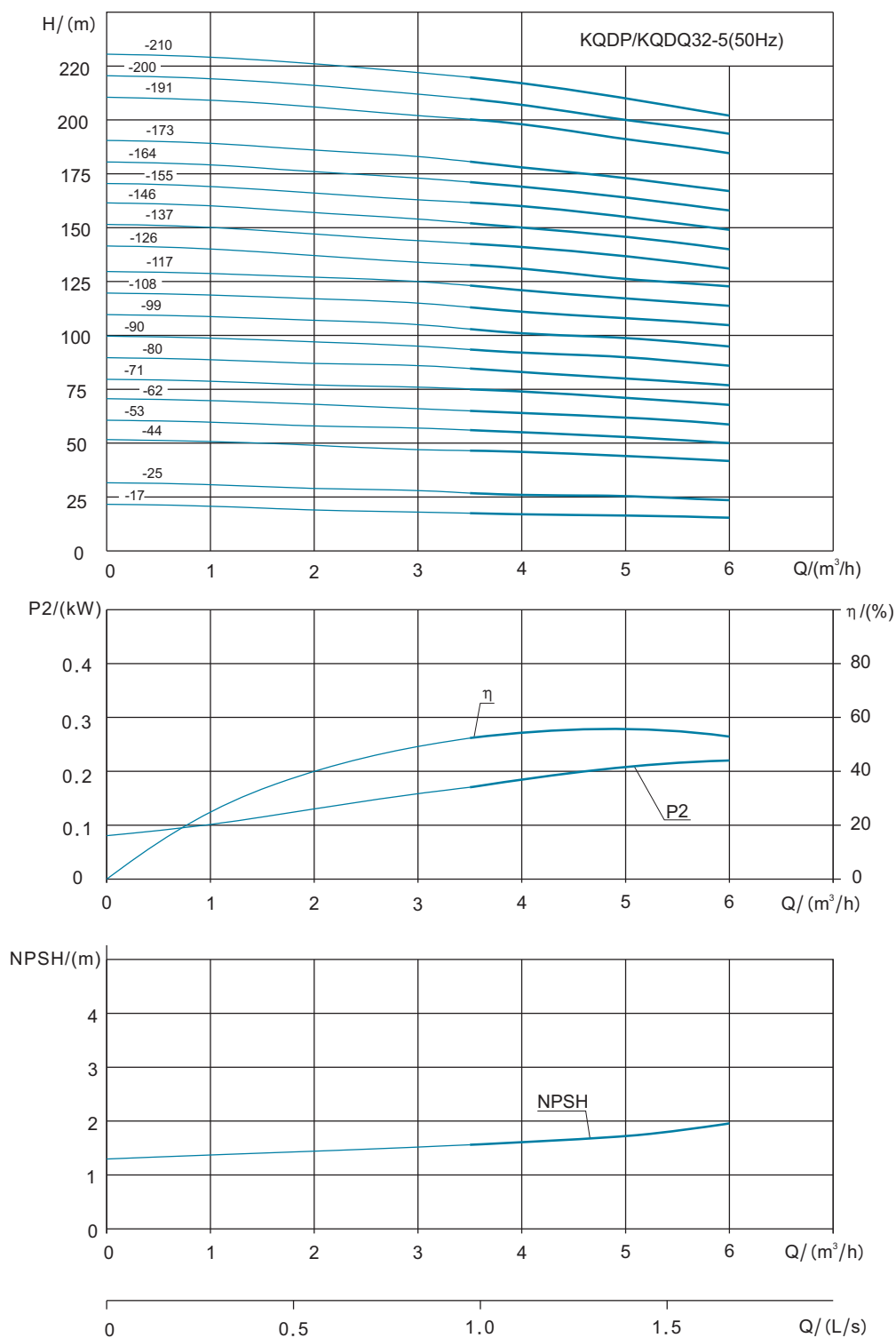


Inlet and outlet bayonet connection dimension (optional)



KQDQ32-4 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-4-17	290	510	535	135	86	21
2	32-4-26	317	572	597	148	96	25
3	32-4-37	344	599	624			26
4	32-4-46	371	626	651			27
5	32-4-55	398	698	723	166	115	32
6	32-4-64	425	725	750			33
7	32-4-74	452	752	777			34
8	32-4-83	479	779	804			36
9	32-4-92	506	806	831			37
10	32-4-101	543	868	893	191	128	47
11	32-4-111	570	895	920			48
12	32-4-121	597	922	947			49
13	32-4-131	624	979	1004	212	140	51
14	32-4-141	651	1006	1031			52
15	32-4-150	678	1033	1058			53
16	32-4-160	705	1060	1085			54
17	32-4-169	752	1182	1207	258	163	64
18	32-4-178	779	1209	1234			65
19	32-4-188	806	1236	1261			66
20	32-4-198	833	1263	1288			67
21	32-4-207	860	1290	1315			68
22	32-4-217	887	1317	1342			69

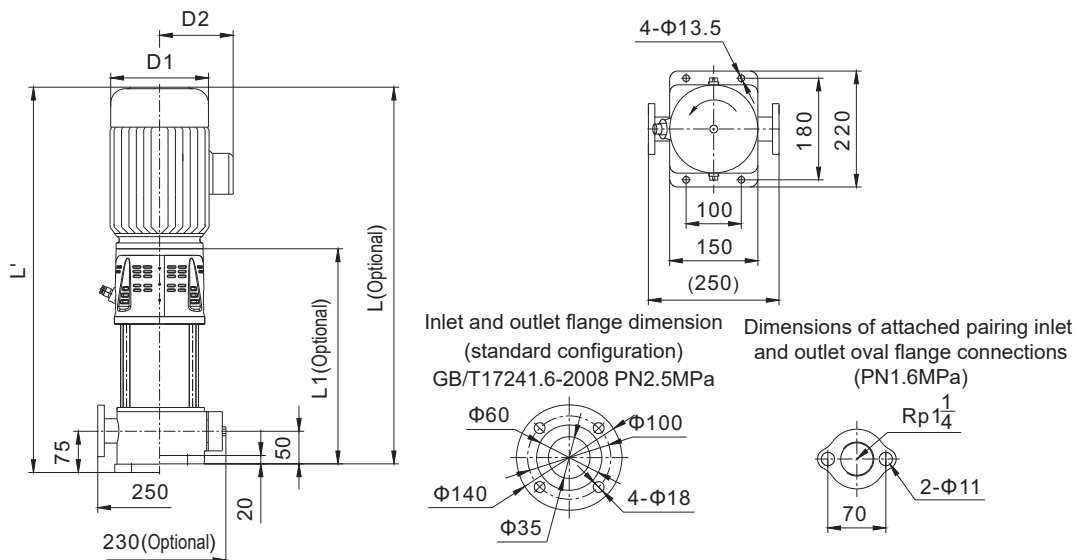
Performance Curve



KQDP/KQDQ32-5 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	3.5	4.5	5	5.5	6
1	32-5-17	0.55	H (m)	17.5	17.5	17	16.5	16
2	32-5-25	0.75		27	26.2	25	24.5	24
3	32-5-44	1.1		46.5	45	44	43	42
4	32-5-53	1.5		56	54	53	51.5	50
5	32-5-62			65	63.5	62	60.5	59
6	32-5-71	2.2		75	73.5	71	69.5	68
7	32-5-80			84.5	82.5	80	78.5	77
8	32-5-90			93.5	92	90	88	86
9	32-5-99	3		103	101	99	97	95
10	32-5-108			113	111	108	106.5	105
11	32-5-117			123	120.5	117	115.5	114
12	32-5-126	4		132.5	130	126	124.5	123
13	32-5-137			142.5	140.5	137	134	131
14	32-5-146			152	149.5	146	143	140
15	32-5-155			161.5	159	155	152	149
16	32-5-164	5.5		171	168.5	164	161	158
17	32-5-173			180.5	177.5	173	170	167
18	32-5-191			200	196.5	191	188	185
19	32-5-200			209.5	206	200	197	194
20	32-5-210			219.5	216	210	206	202

Installation Diagram

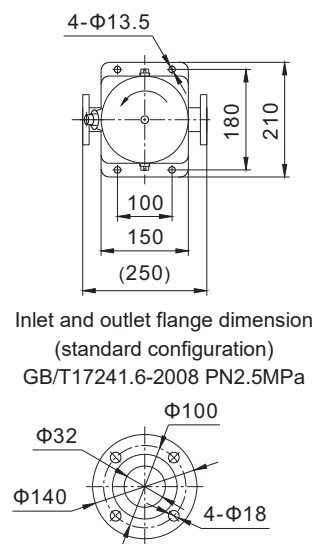
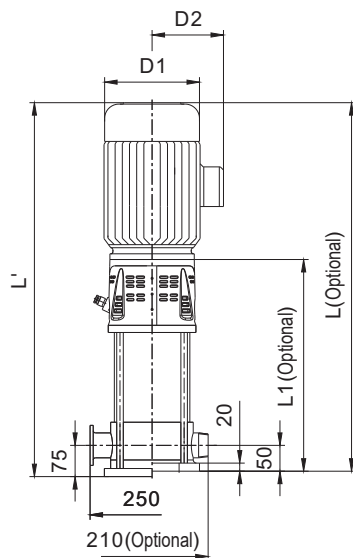
KQDP32-5



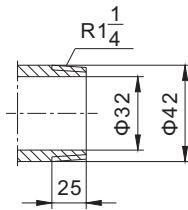
KQDP32-5 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-5-17	283	503	528	135	86	21
2	32-5-25	310	565	590	148	96	22
3	32-5-44	364	619	644			26
4	32-5-53	391	691	716	166	115	27
5	32-5-62	418	718	743			28
6	32-5-71	445	745	770			33
7	32-5-80	472	772	797			34
8	32-5-90	499	799	824			36
9	32-5-99	536	861	886	191	128	37
10	32-5-108	563	888	913			38
11	32-5-117	590	915	940			38
12	32-5-126	617	972	997	212	140	49
13	32-5-137	644	999	1024			50
14	32-5-146	671	1026	1051			50
15	32-5-155	698	1053	1078			51
16	32-5-164	745	1175	1200	258	163	52
17	32-5-173	772	1202	1227			55
18	32-5-191	826	1256	1281			56
19	32-5-200	853	1283	1308			57
20	32-5-210	880	1310	1335			58

Installation Diagram

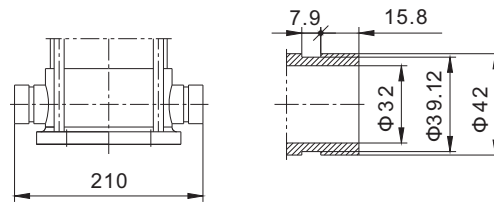
KQDQ32-5



Inlet and outlet thread connection dimension (optional)

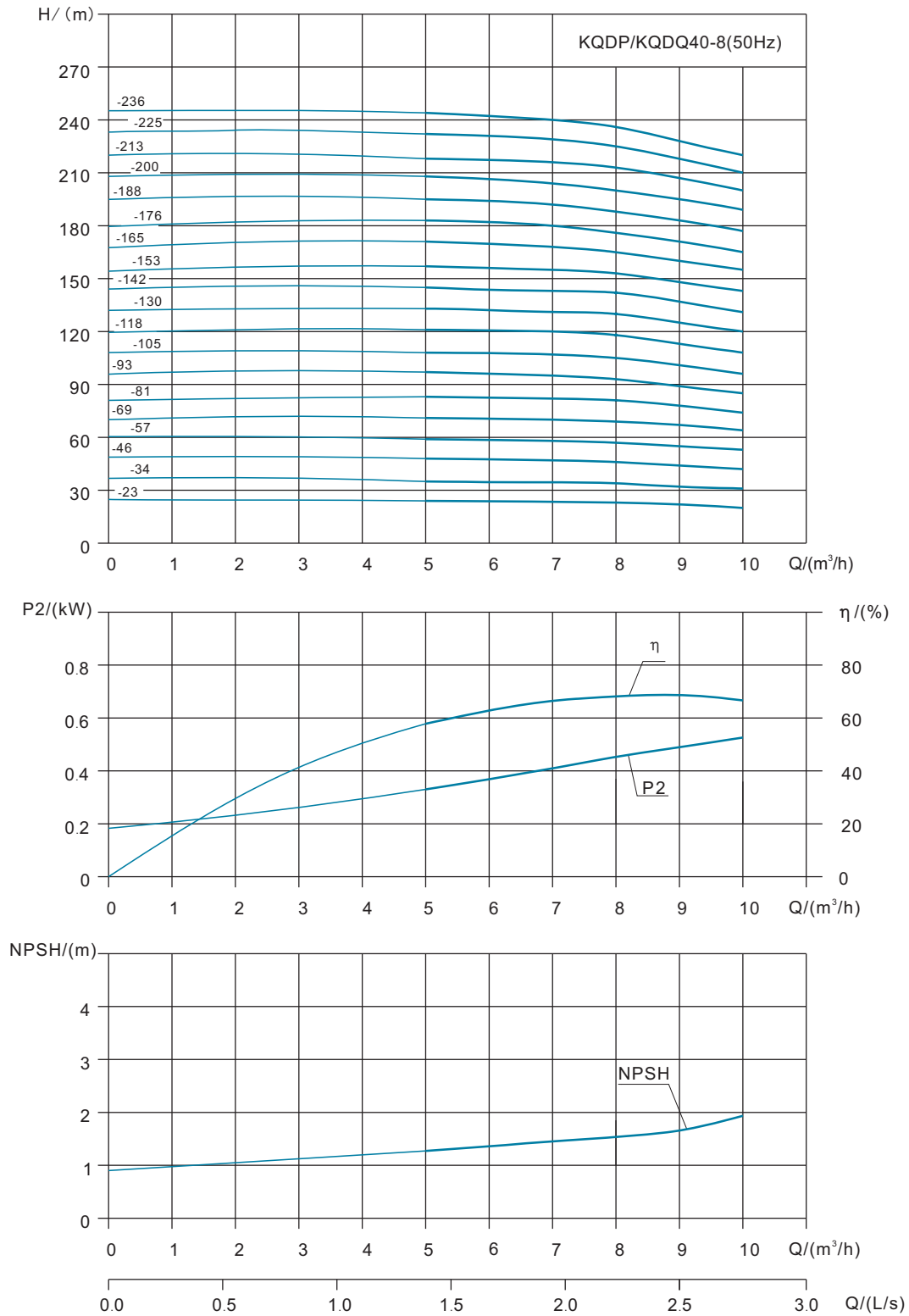


Inlet and outlet bayonet connection dimension (optional)



KQDQ32-5 Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-5-17	290	510	535	135	86	21
2	32-5-25	317	572	597	148	96	22
3	32-5-44	371	626	651			26
4	32-5-53	398	698	723	166	115	27
5	32-5-62	425	725	750			28
6	32-5-71	452	752	777			33
7	32-5-80	479	779	804			34
8	32-5-90	506	806	831	191	128	36
9	32-5-99	543	868	893			37
10	32-5-108	570	895	920			38
11	32-5-117	597	922	947	212	140	38
12	32-5-126	624	979	1004			49
13	32-5-137	651	1006	1031			50
14	32-5-146	678	1033	1058			50
15	32-5-155	705	1060	1085	258	163	51
16	32-5-164	752	1182	1207			52
17	32-5-173	779	1209	1234			55
18	32-5-191	833	1263	1288			56
19	32-5-200	860	1290	1315			57
20	32-5-210	887	1317	1342			58

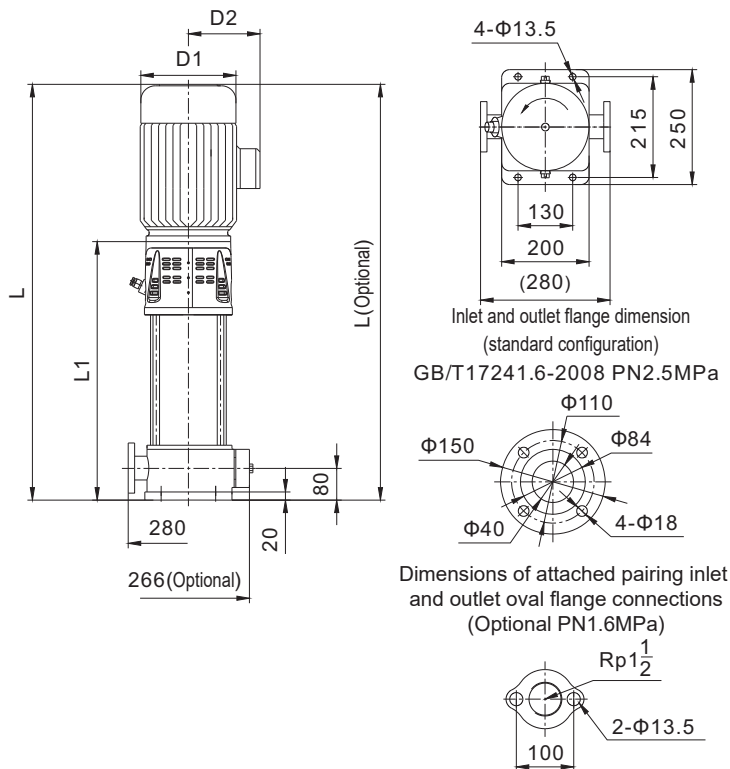
Performance Curve



KQDP/KQDQ40-8 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	5	7	8	9	10
1	40-8-23	1.1	H (m)	24	23.5	23	22	20
2	40-8-34	1.5		35	34.5	34	32	31
3	40-8-46	2.2		48	47	46	44	42
4	40-8-57	2.2		59	58	57	55	53
5	40-8-69	3		71	70	69	67	64
6	40-8-81	3		83	82	81	78	74
7	40-8-93	4		97	95	93	89	85
8	40-8-105	4		109	107	105	101	96
9	40-8-118	5.5		121	120	118	113	108
10	40-8-130	5.5		133	131	130	125	120
11	40-8-142	5.5		145	143	142	137	131
12	40-8-153	7.5		157	155	153	148	143
13	40-8-165	7.5		171	168	165	160	155
14	40-8-176	7.5		183	180	176	171	165
15	40-8-188	7.5		195	192	188	183	177
16	40-8-200	7.5		208	204	200	195	189
17	40-8-213	7.5		218	216	213	207	200
18	40-8-225	11		232	229	225	218	210
19	40-8-236	11		244	240	236	228	220

Installation Diagram

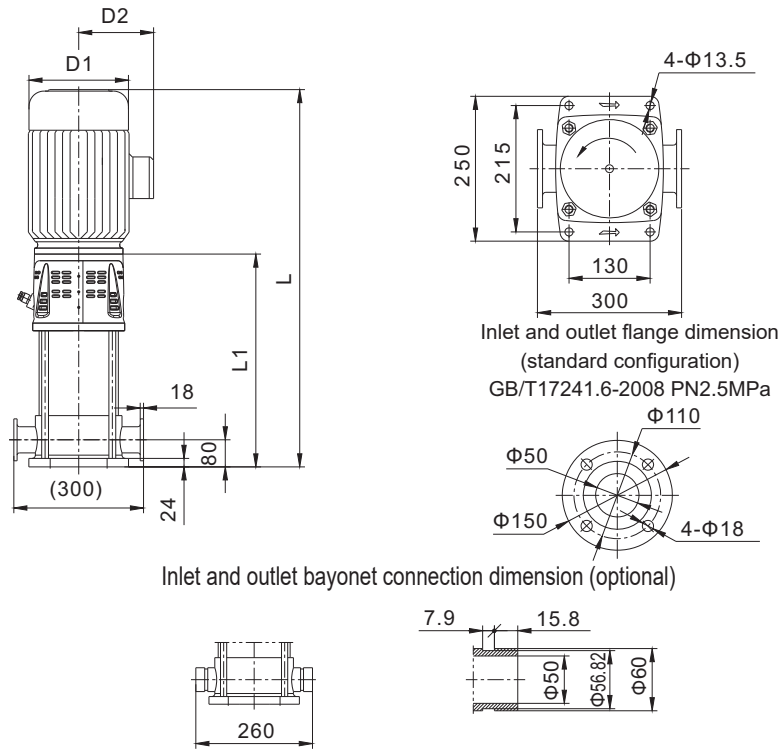
KQDP40-8



KQDP40-8 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	40-8-23	365	620	148	96	38
2	40-8-34	395	695	166	115	42
3	40-8-46	425	725			45
4	40-8-57	455	755	191	128	47
5	40-8-69	495	820			56
6	40-8-81	525	850	212	140	58
7	40-8-93	555	910			67
8	40-8-105	585	940	258	163	69
9	40-8-118	645	1075			91
10	40-8-130	675	1105			93
11	40-8-142	705	1135			95
12	40-8-153	735	1165			96
13	40-8-165	765	1195			97
14	40-8-176	795	1225			99
15	40-8-188	825	1255	314	251	101
16	40-8-200	855	1285			102
17	40-8-213	885	1315			103
18	40-8-225	983	1481			114
19	40-8-236	1013	1511			116

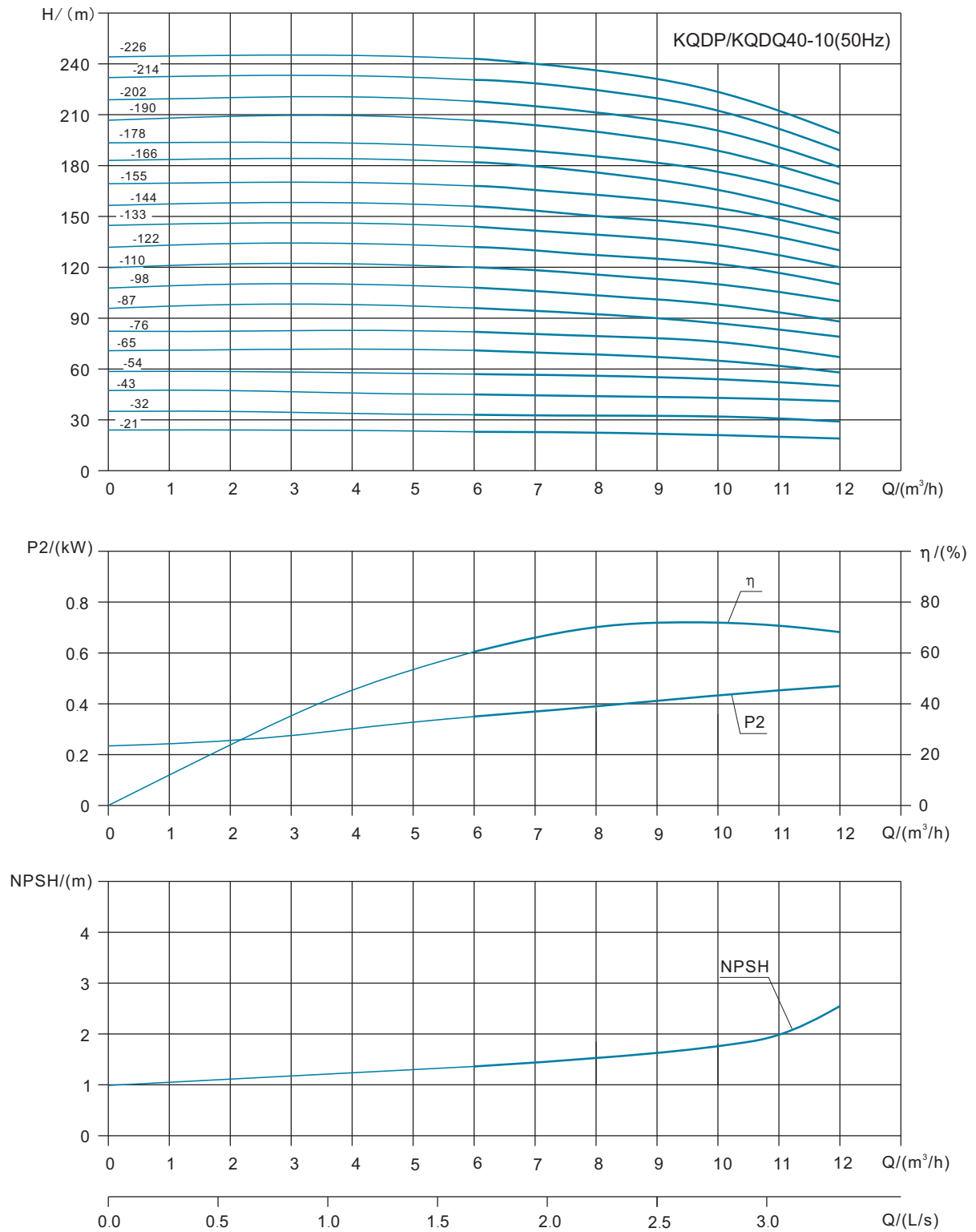
Installation Diagram

KQDQ40-8



KQDQ40-8 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	40-8-23	373	628	148	96	38
2	40-8-34	403	703	166	115	42
3	40-8-46	433	733			45
4	40-8-57	463	763			47
5	40-8-69	503	828	191	128	56
6	40-8-81	533	858			58
7	40-8-93	563	918	212	140	67
8	40-8-105	593	948			69
9	40-8-118	653	1083			91
10	40-8-130	683	1113	258	163	93
11	40-8-142	713	1143			95
12	40-8-153	743	1173			96
13	40-8-165	773	1203			97
14	40-8-176	803	1233			99
15	40-8-188	833	1263			101
16	40-8-200	863	1293			102
17	40-8-213	893	1323			103
18	40-8-225	991	1489	314	251	114
19	40-8-236	1021	1519			116

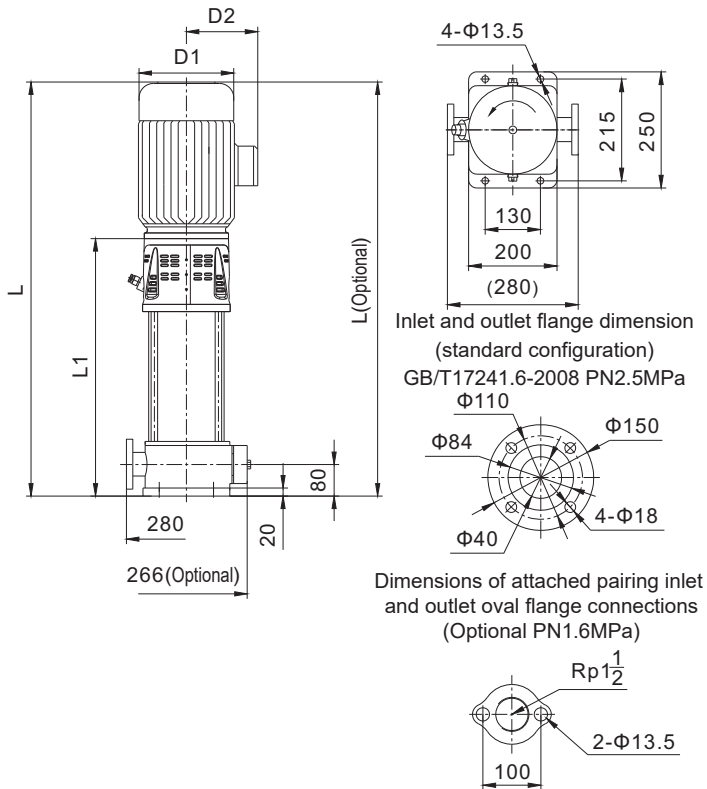
Performance Curve



KQDP/KQDQ40-10 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	6	8	10	11	12
1	40-10-21	1.1	H (m)	23	22.5	21	20	19
2	40-10-32	1.5		33	32.5	32	31	29
3	40-10-43	2.2		45	44	43	42	40
4	40-10-54	2.2		57	56	54	52	50
5	40-10-65	3		71	68	65	62	58
6	40-10-76	4		82	79	76	72	67
7	40-10-87	4		96	92	87	83	78
8	40-10-98	4		108	104	98	93	88
9	40-10-110	5.5		120	116	110	105	98
10	40-10-122	5.5		132	129	122	116	108
11	40-10-133	5.5		144	140	133	127	118
12	40-10-144	7.5		156	152	144	137	128
13	40-10-155	7.5		168	164	155	148	138
14	40-10-166	7.5		181	176	166	157	147
15	40-10-178	7.5		193	186	178	169	158
16	40-10-190	11		207	201	190	180	168
17	40-10-202	11		217	213	202	191	178
18	40-10-214	11		231	225	214	202	189
19	40-10-226	11		243	237	226	213	199

Installation Diagram

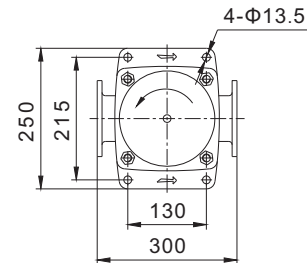
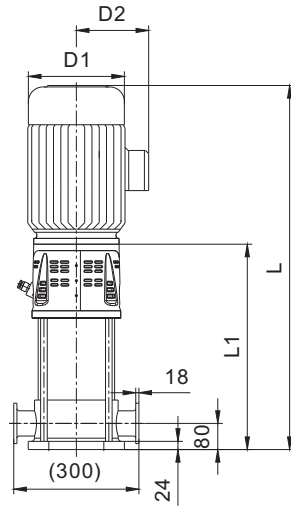
KQDP40-10



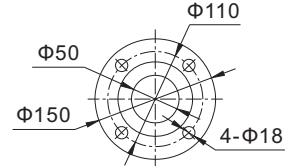
KQDP40-10 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	40-10-21	365	620	148	96	38
2	40-10-32	395	695	166	115	44
3	40-10-43	425	725			47
4	40-10-54	455	755			49
5	40-10-65	495	820	191	128	58
6	40-10-76	525	880	212	140	60
7	40-10-87	555	910			69
8	40-10-98	585	940			71
9	40-10-110	645	1075	258	163	85
10	40-10-122	675	1105			87
11	40-10-133	705	1135			89
12	40-10-144	735	1165			91
13	40-10-155	765	1195			93
14	40-10-166	795	1225	314	251	95
15	40-10-178	825	1255			96
16	40-10-190	923	1421			124
17	40-10-202	953	1451			126
18	40-10-214	983	1481			128
19	40-10-226	1013	1511			130

Installation Diagram

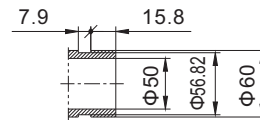
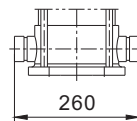
KQDQ40-10



Inlet and outlet flange dimension
(standard configuration)
GB/T17241.6-2008 PN2.5MPa

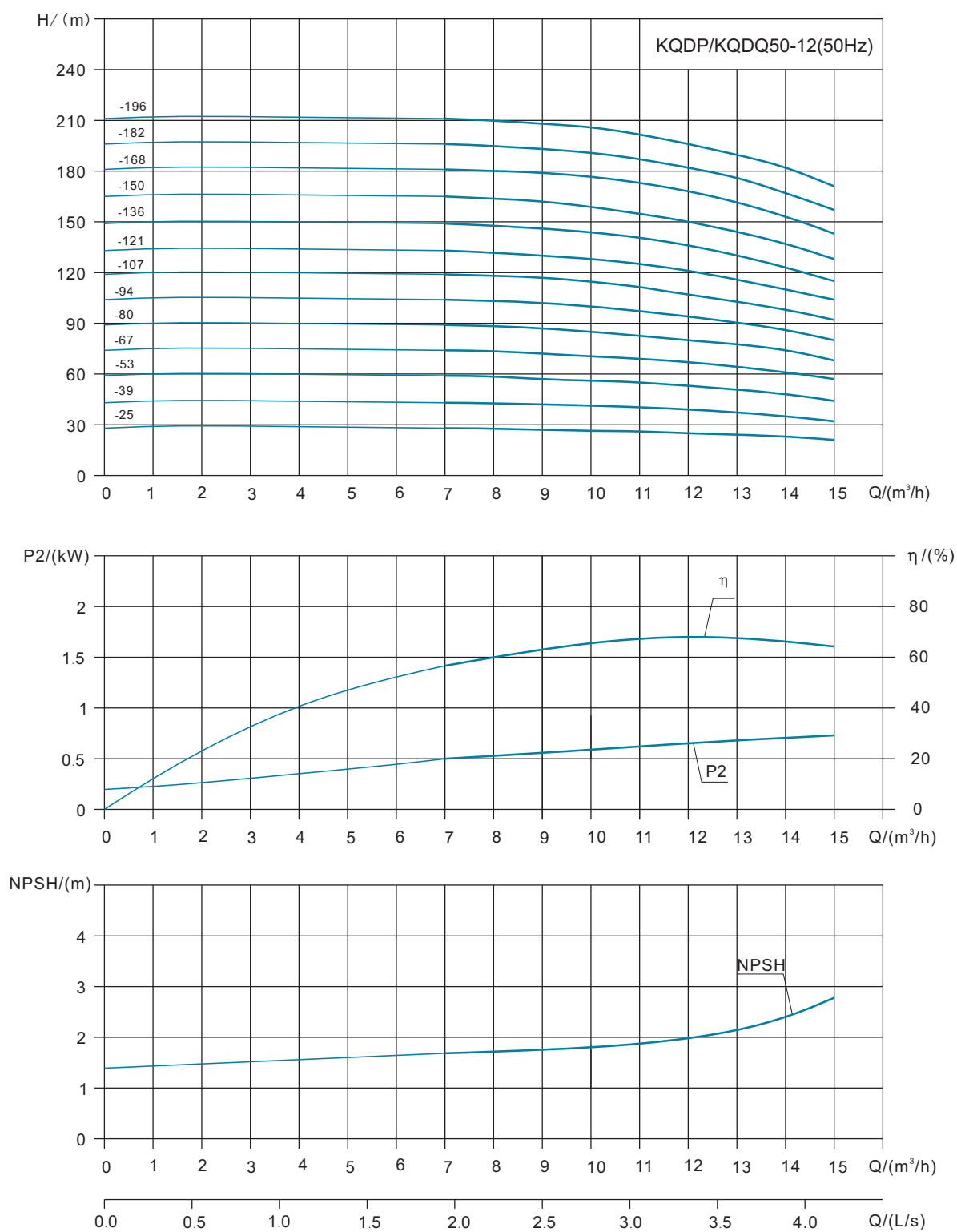


Inlet and outlet bayonet connection dimension (optional)



KQDQ40-10 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	40-10-21	373	628	148	96	38
2	40-10-32	403	703	166	115	44
3	40-10-43	433	733			47
4	40-10-54	463	763			49
5	40-10-65	503	828	191	128	58
6	40-10-76	533	888	212	140	60
7	40-10-87	563	918			69
8	40-10-98	593	948			71
9	40-10-110	653	1083	258	163	85
10	40-10-122	683	1113			87
11	40-10-133	713	1143			89
12	40-10-144	743	1173			91
13	40-10-155	773	1203			93
14	40-10-166	803	1233			95
15	40-10-178	833	1263			96
16	40-10-190	931	1429	314	251	124
17	40-10-202	961	1459			126
18	40-10-214	991	1489			128
19	40-10-226	1021	1519			130

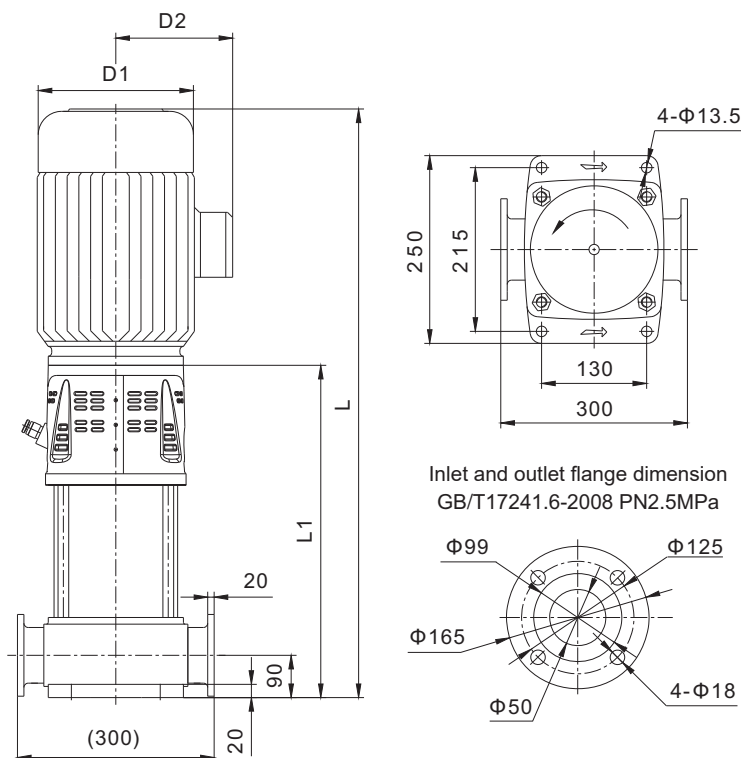
Performance Curve



KQDP/KQDQ50-12 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	7	9	12	14	15
1	50-12-25	1.5	H (m)	28	27	25	23	21
2	50-12-39	2.2		43	42	39	35	32
3	50-12-53	3		59	57	53	48	44
4	50-12-67	4		74	72	67	61	57
5	50-12-80	5.5		89	87	80	74	68
6	50-12-94	5.5		104	102	94	86	80
7	50-12-107	7.5		119	117	107	98	92
8	50-12-121	7.5		133	130	121	110	104
9	50-12-136	7.5		149	146	136	123	115
10	50-12-150	11		165	162	150	137	128
11	50-12-168	11		181	179	168	153	143
12	50-12-182	11		196	193	182	167	157
13	50-12-196	11		211	208	196	180	171

Installation Diagram

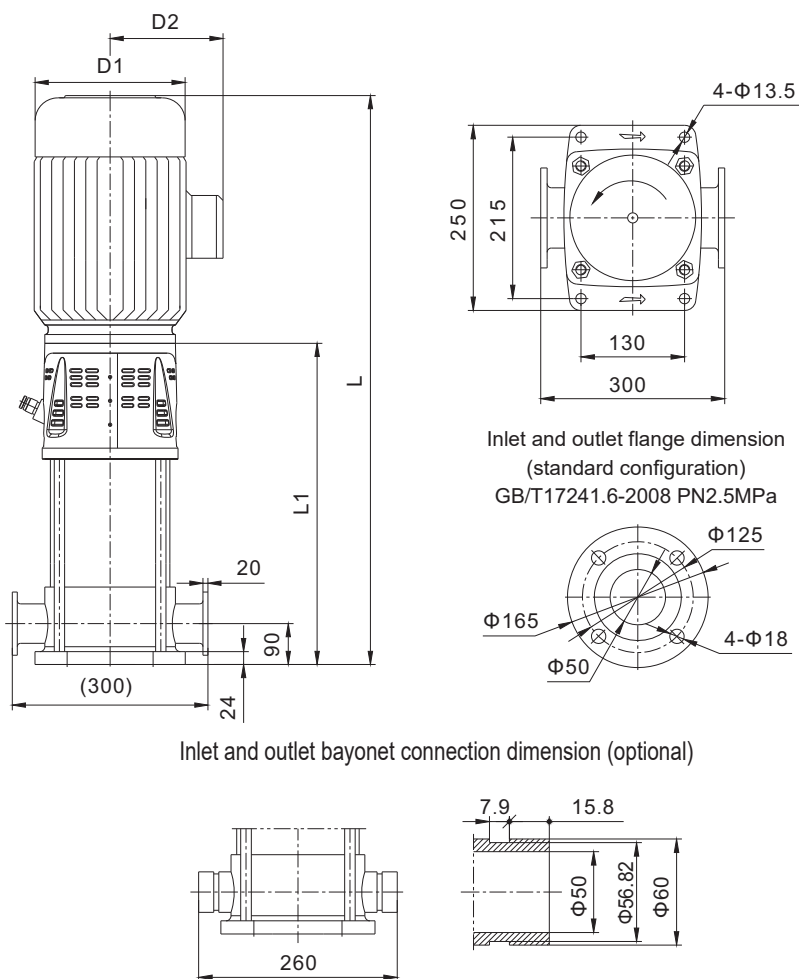
KQDP50-12



KQDP50-12 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-12-25	384	684	166	115	49
2	50-12-39	414	714			53
3	50-12-53	454	779			59
4	50-12-67	484	839	212	140	64
5	50-12-80	544	974	258	163	91
6	50-12-94	574	1004			92
7	50-12-107	604	1034			94
8	50-12-121	634	1064			95
9	50-12-136	664	1094	314	251	97
10	50-12-150	762	1317			153
11	50-12-168	792	1347			155
12	50-12-182	822	1377			157
13	50-12-196	852	1407			159

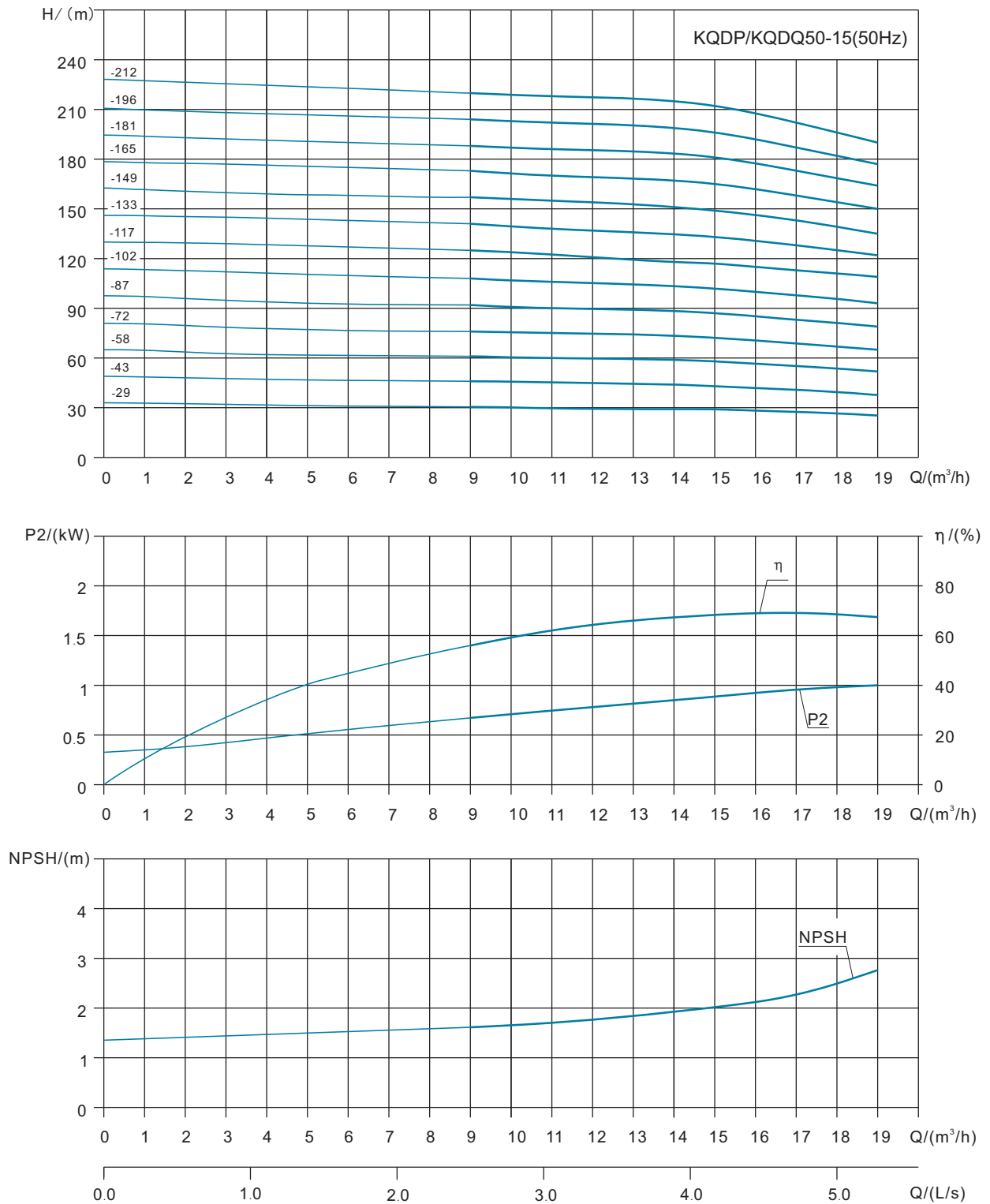
Installation Diagram

KQDQ50-12



KQDQ50-12 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-12-25	383	683	166	115	49
2	50-12-39	413	713			53
3	50-12-53	453	778	191	128	59
4	50-12-67	483	838	212	140	64
5	50-12-80	543	973	258	163	91
6	50-12-94	573	1003			92
7	50-12-107	603	1033			94
8	50-12-121	633	1063			95
9	50-12-136	663	1093			97
10	50-12-150	761	1316	314	251	153
11	50-12-168	791	1346			155
12	50-12-182	821	1376			157
13	50-12-196	851	1406			159

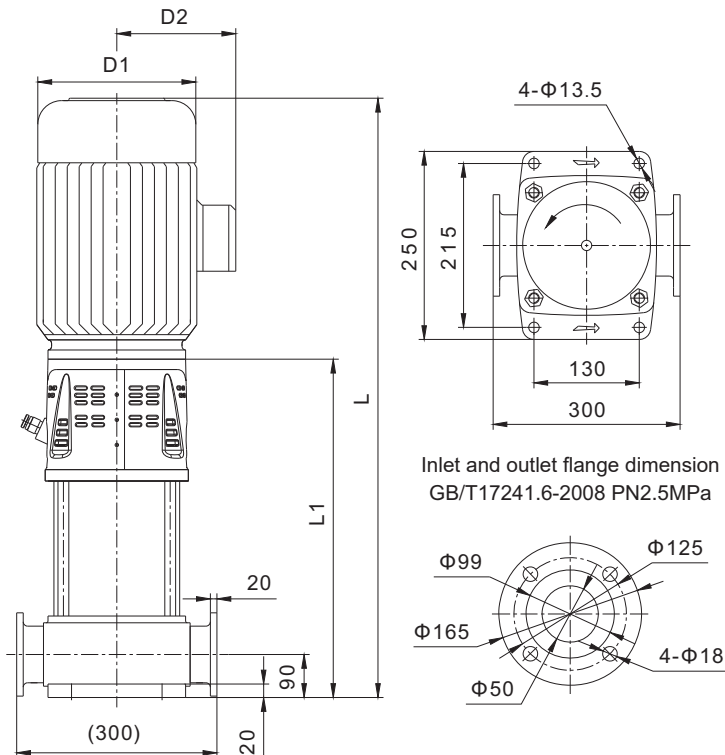
Performance Curve



KQDP/KQDQ50-15 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	9	11	15	17	19
1	50-15-29	2.2	H (m)	30.5	29.5	29	27	26
2	50-15-43	3		46	45	43	41	39
3	50-15-58	4		61	60	58	55	52
4	50-15-72	5.5		76	75	72	68	65
5	50-15-87	7.5		92	90	87	83	79
6	50-15-102	7.5		108	106	102	98	93
7	50-15-117	11		125	122	117	113	109
8	50-15-133	11		141	138	133	128	122
9	50-15-149	11		157	155	149	143	135
10	50-15-165	11		173	170	165	158	150
11	50-15-181	15		188	186	181	173	164
12	50-15-196	15		204	202	196	187	177
13	50-15-212	15		219	217	212	202	190

Installation Diagram

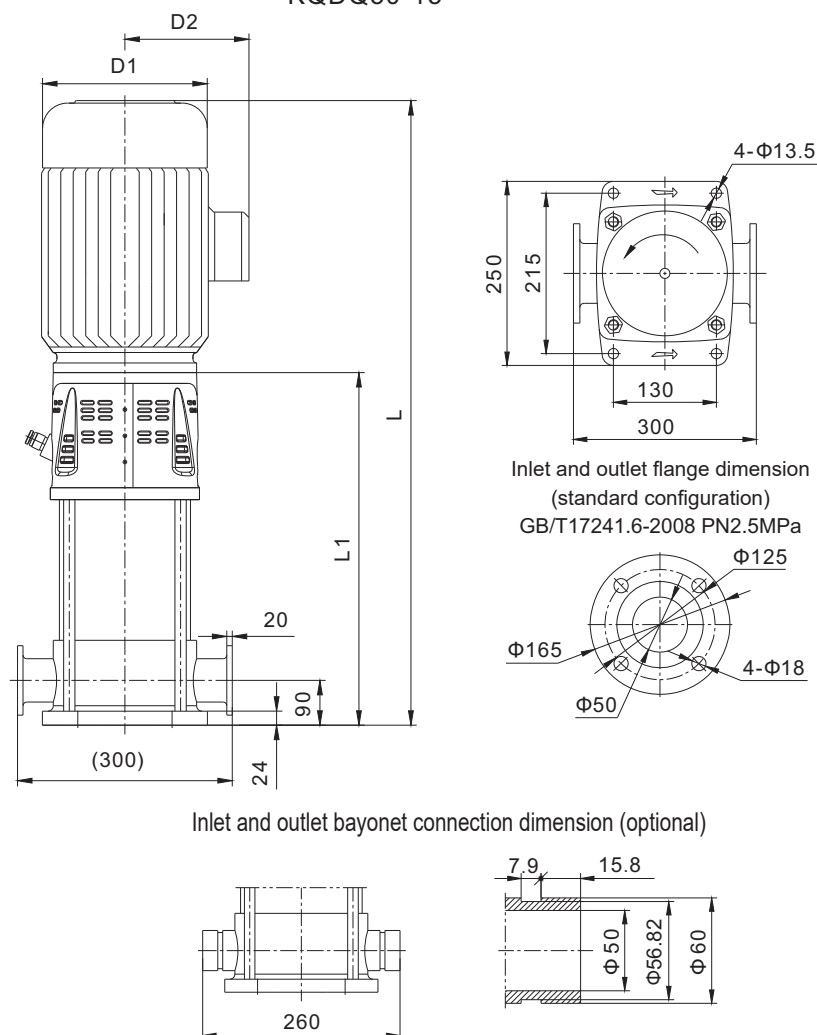
KQDP50-15



KQDP50-15 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-15-29	414	714	166	115	49
2	50-15-43	469	794	191	128	54
3	50-15-58	514	869	212	140	67
4	50-15-72	589	1019	258	163	92
5	50-15-87	634	1064			97
6	50-15-102	679	1109			99
7	50-15-117	792	1291	314	251	137
8	50-15-133	837	1336			138
9	50-15-149	882	1381			165
10	50-15-165	927	1426			176
11	50-15-181	972	1471			180
12	50-15-196	1017	1516			182
13	50-15-212	1062	1561			184

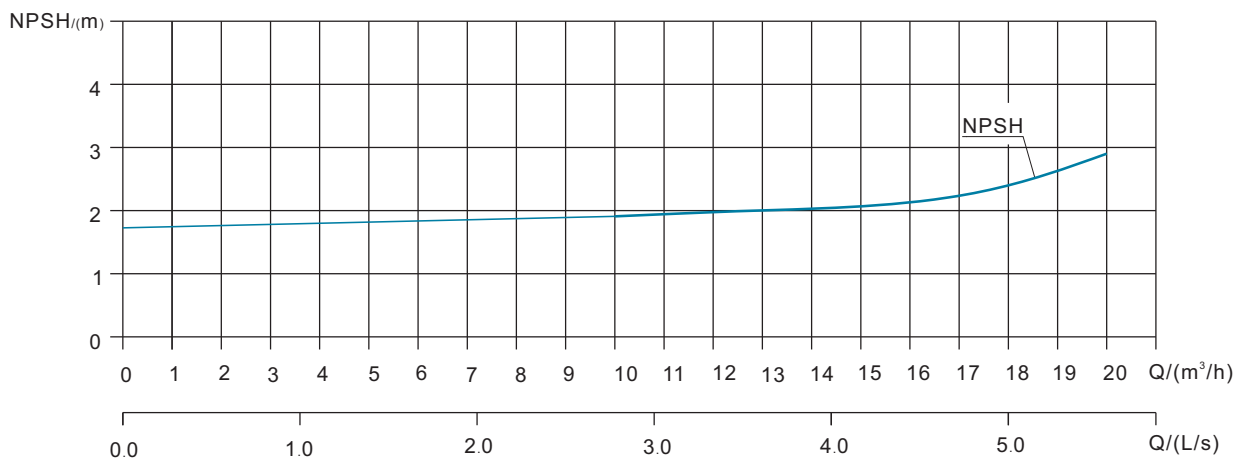
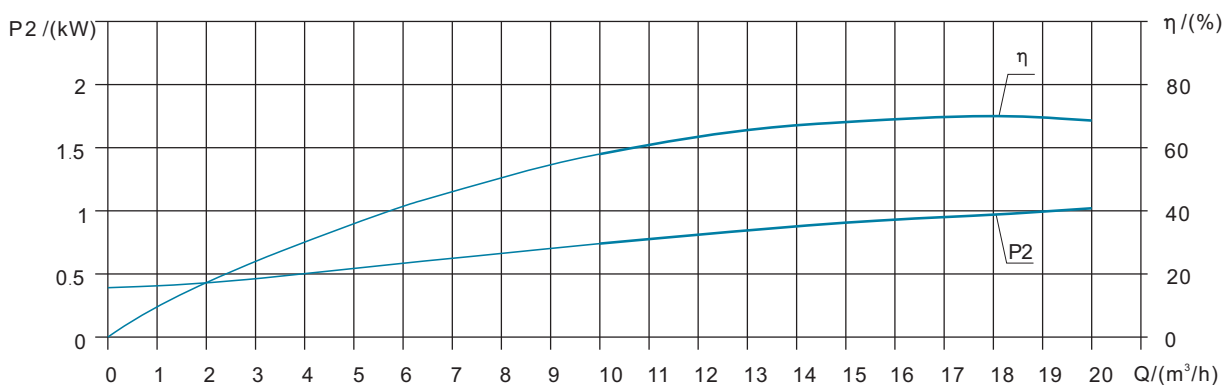
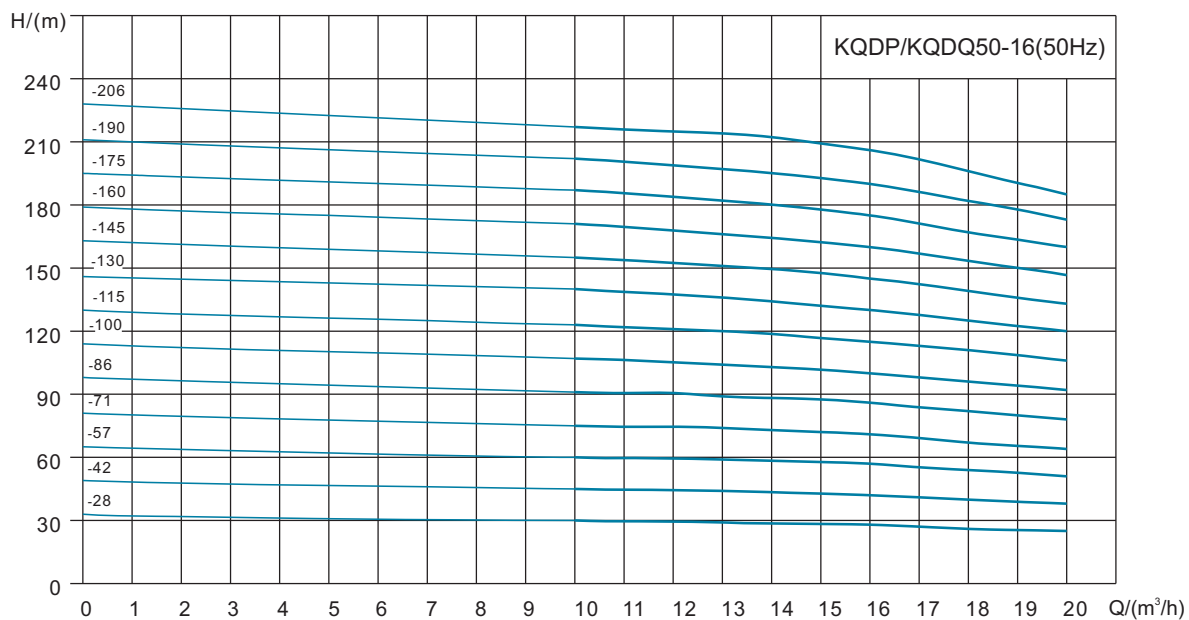
Installation Diagram

KQDQ50-15



KQDQ50-15 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-15-29	413	713	166	115	49
2	50-15-43	468	793	191	128	54
3	50-15-58	513	868	212	140	67
4	50-15-72	588	1018	258	163	92
5	50-15-87	633	1063			97
6	50-15-102	678	1108			99
7	50-15-117	791	1289	314	251	137
8	50-15-133	836	1334			138
9	50-15-149	881	1379			165
10	50-15-165	926	1424			176
11	50-15-181	971	1469			180
12	50-15-196	1016	1514			182
13	50-15-212	1061	1559			184

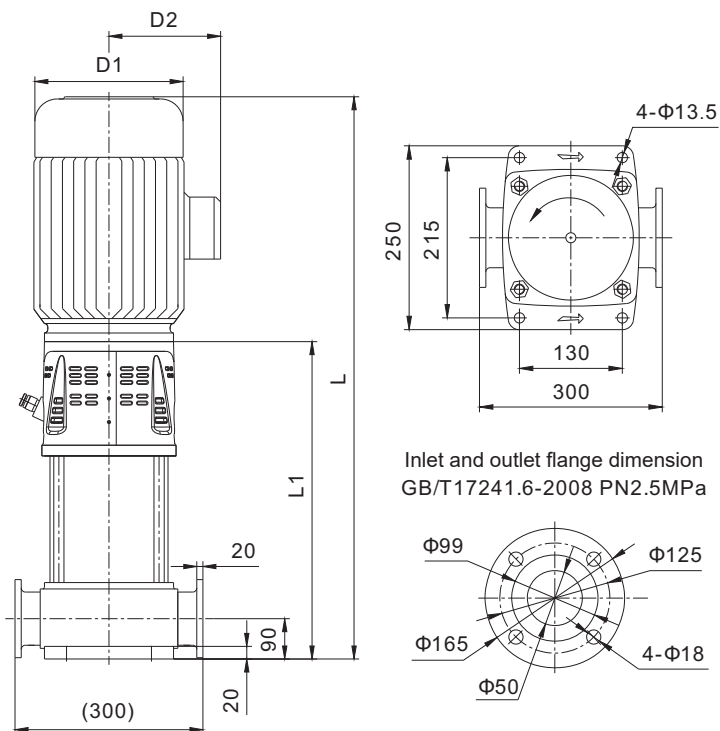
Performance Curve



KQDP/KQDQ50-16 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	10	13	16	18	20
1	50-16-28	2.2	H (m)	30	29	28	26	25
2	50-16-42	3		45	44	42	40	38
3	50-16-57	4		60	59	57	54	51
4	50-16-71	5.5		75	74	71	67	64
5	50-16-86	7.5		91	89	86	82	78
6	50-16-100	7.5		107	104	100	96	92
7	50-16-115	11		123	120	115	111	106
8	50-16-130	11		140	136	130	125	120
9	50-16-145	11		155	151	145	139	133
10	50-16-160	11		171	166	160	153	147
11	50-16-175	15		187	182	175	167	160
12	50-16-190	15		202	197	190	182	173
13	50-16-206	15		217	214	206	196	185

Installation Diagram

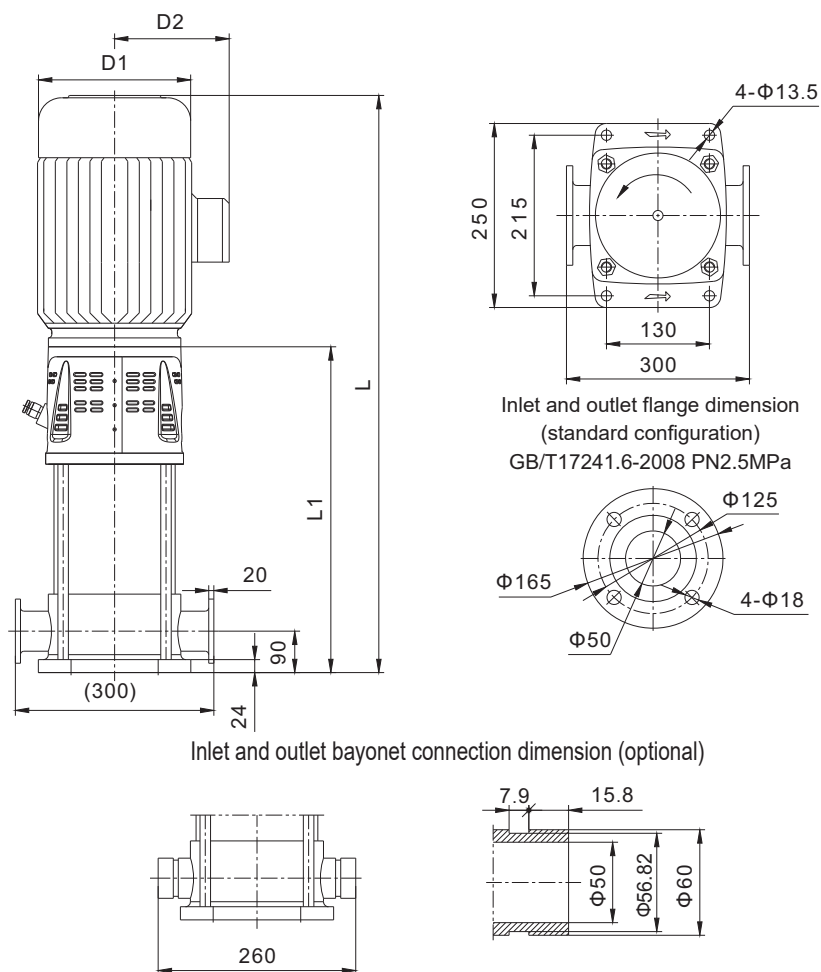
KQDP50-16



KQDP50-16 Dimension Table						
No.	Model	L1	L	D1	D2	Weight (kg)
	Style	(mm)	(mm)	(mm)	(mm)	
1	50-16-28	414	714	166	115	49
2	50-16-42	469	794	191	128	54
3	50-16-57	514	869	212	140	67
4	50-16-71	589	1019	258	163	92
5	50-16-86	634	1064			97
6	50-16-100	679	1109			99
7	50-16-115	792	1291	314	251	137
8	50-16-130	837	1336			138
9	50-16-145	882	1381			165
10	50-16-160	927	1426			176
11	50-16-175	972	1471			180
12	50-16-190	1017	1516			182
13	50-16-206	1062	1561			184

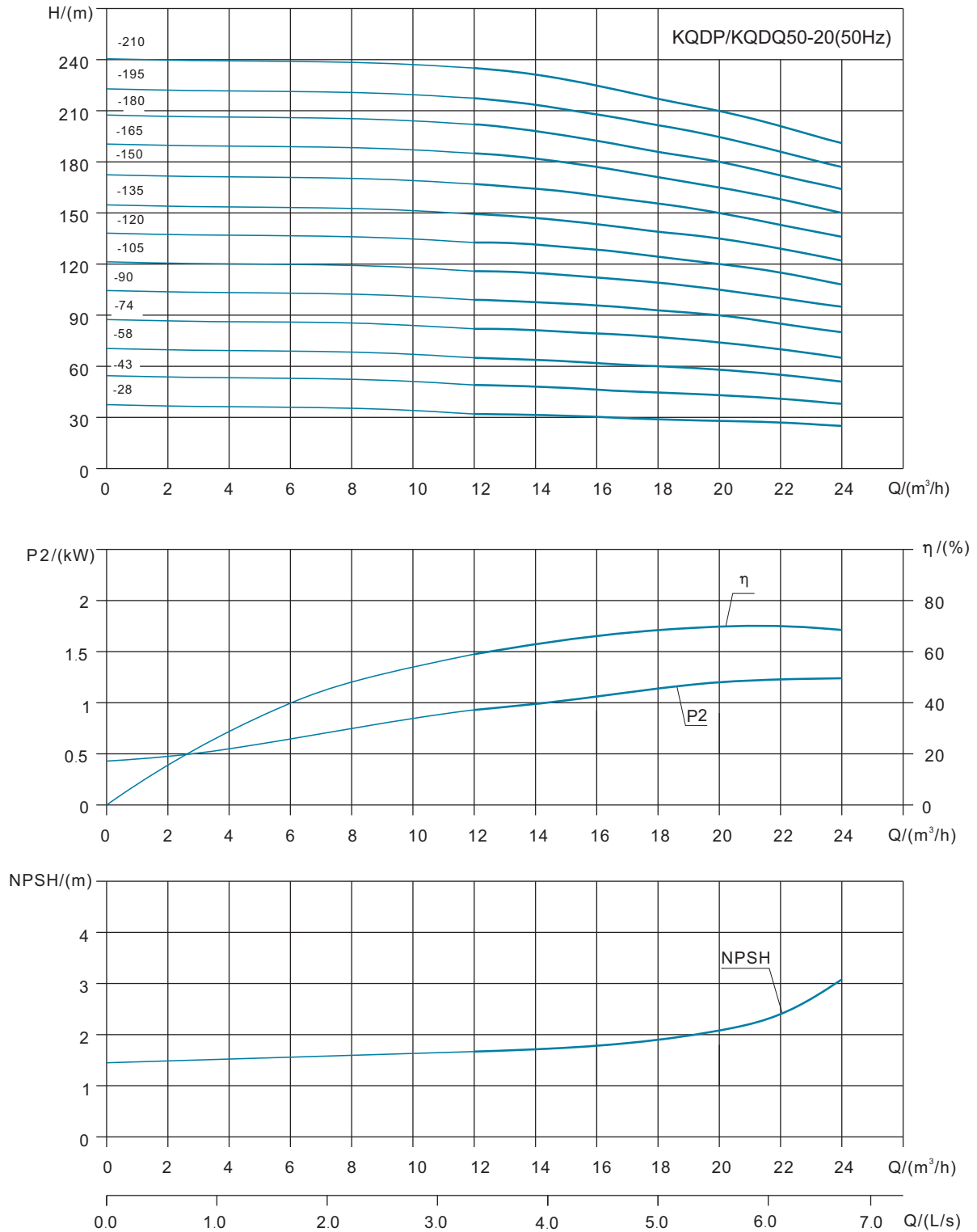
Installation Diagram

KQDQ50-16



KQDQ50-16 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-16-28	413	713	166	115	49
2	50-16-42	468	793	191	128	54
3	50-16-57	513	868	212	140	67
4	50-16-71	588	1018	258	163	92
5	50-16-86	633	1063			97
6	50-16-100	678	1108			99
7	50-16-115	791	1289	314	251	137
8	50-16-130	836	1334			138
9	50-16-145	881	1379			165
10	50-16-160	926	1424			176
11	50-16-175	971	1469			180
12	50-16-190	1016	1514			182
13	50-16-206	1061	1559			184

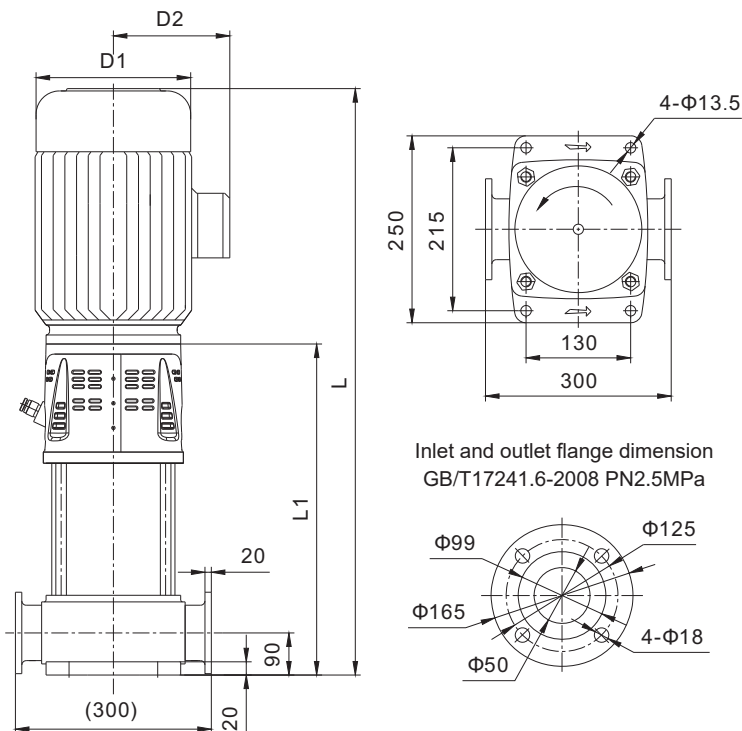
Performance Curve



KQDP/KQDQ50-20 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	12	15	20	22	24
1	50-20-28	3	H (m)	32	31	28	27	25
2	50-20-43	4		49	47	43	41	38
3	50-20-58	5.5		65	63	58	55	51
4	50-20-74	7.5		82	80	74	70	65
5	50-20-90	11		99	96	90	85	80
6	50-20-105	11		116	113	105	100	95
7	50-20-120	11		133	129	120	115	108
8	50-20-135	15		150	145	135	129	122
9	50-20-150	15		168	162	150	143	136
10	50-20-165	15		185	178	165	158	150
11	50-20-180	18.5		202	194	180	172	164
12	50-20-195	18.5		218	210	195	186	177
13	50-20-210	18.5		235	227	210	201	191

Installation Diagram

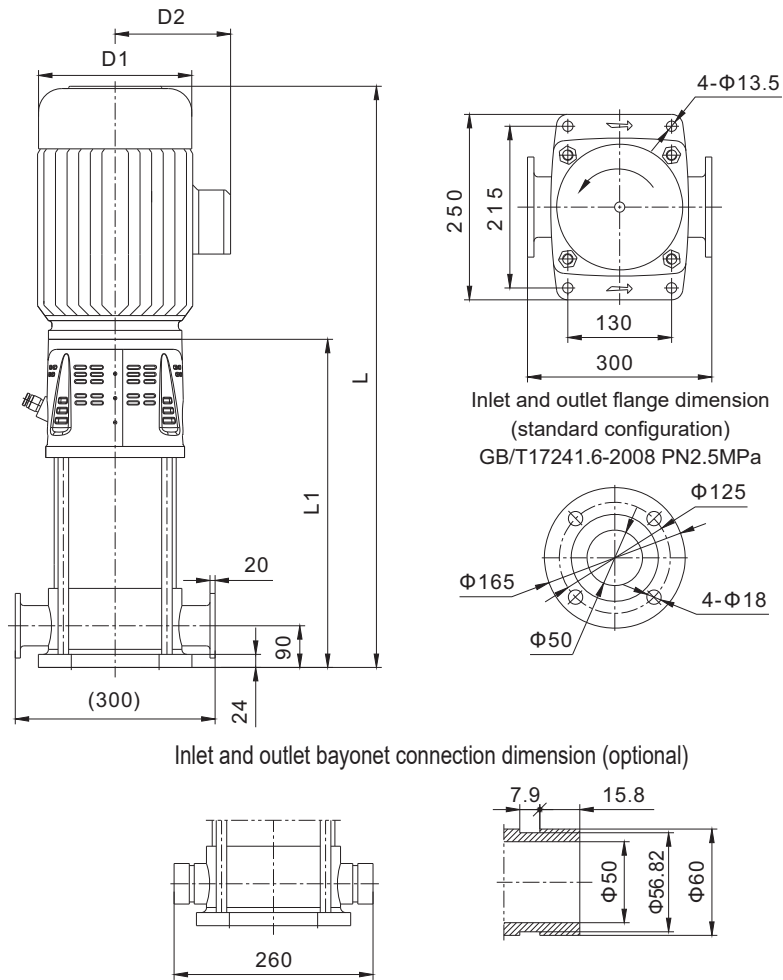
KQDP50-20



KQDP50-20 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-20-28	424	749	191	128	58
2	50-20-43	469	824	212	140	66
3	50-20-58	544	974	258	163	88
4	50-20-74	589	1019			97
5	50-20-90	702	1200	314	251	133
6	50-20-105	747	1245			135
7	50-20-120	792	1290			141
8	50-20-135	837	1335			153
9	50-20-150	882	1380			155
10	50-20-165	927	1425			157
11	50-20-180	972	1470			168
12	50-20-195	1017	1515			170
13	50-20-210	1062	1560			172

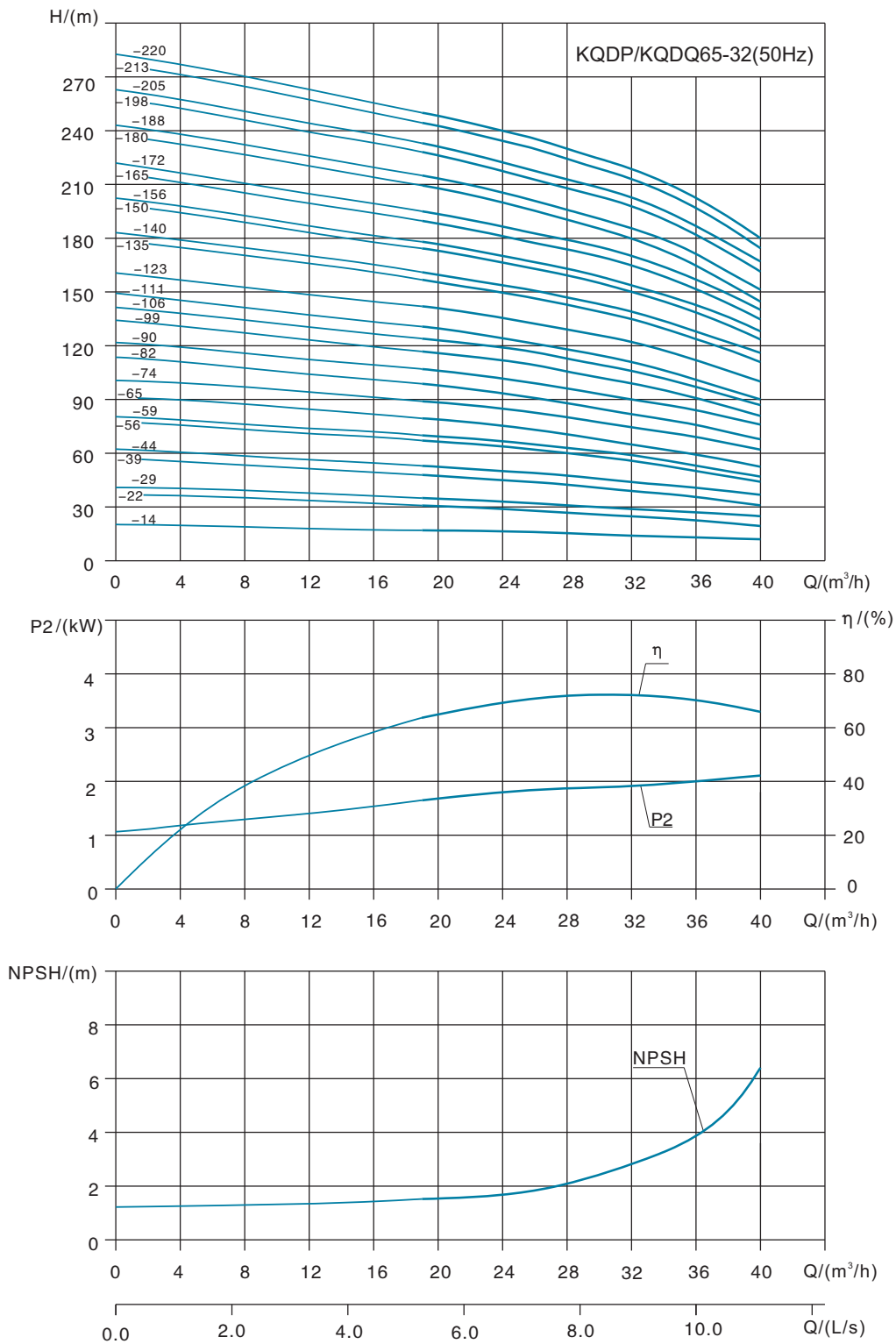
Installation Diagram

KQDQ50-20



KQDQ50-20 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	50-20-28	423	748	191	128	58
2	50-20-43	468	823	212	140	66
3	50-20-58	543	973	258	163	88
4	50-20-74	588	1018			97
5	50-20-90	701	1199	314	251	133
6	50-20-105	746	1244			135
7	50-20-120	791	1289			141
8	50-20-135	836	1334			153
9	50-20-150	881	1379			155
10	50-20-165	926	1424			157
11	50-20-180	971	1513			168
12	50-20-195	1016	1558			170
13	50-20-210	1061	1603			172

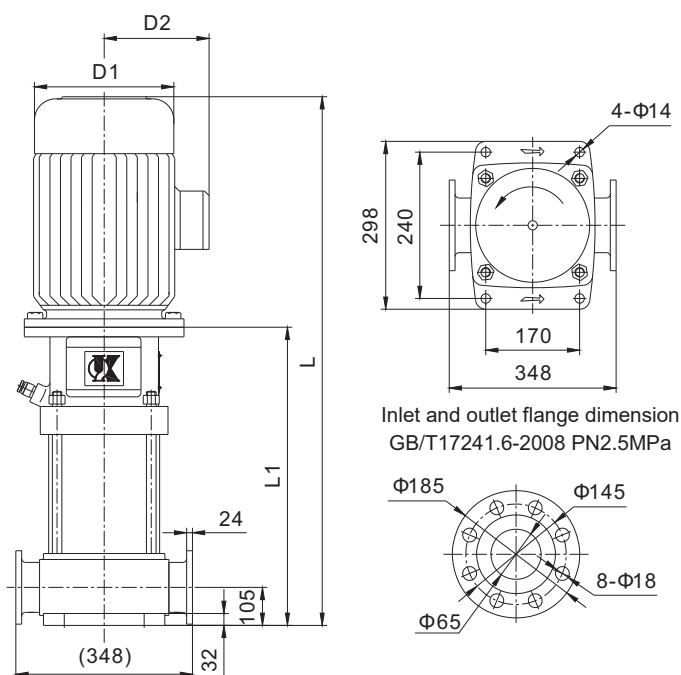
Performance Curve



KQDP/KQDQ65-32 Performance Table									
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	19	26	32	36	38	40
1	65-32-14	2.2	H (m)	17	16	14	13	12.5	12
2	65-32-22	3		29	25.5	22	19	17	15
3	65-32-29	4		35	33	29	27	26	25
4	65-32-39	5.5		47	43	39	34	31	29
5	65-32-44	7.5		53	49	44	41	39	37
6	65-32-56	7.5		67	62	56	50	46	43
7	65-32-59	11		70	65	59	53	50	47
8	65-32-65	11		80	73	65	59	55	51
9	65-32-74	11		89	82	74	69	65.5	62
10	65-32-82	11		98	90	82	74	70	66
11	65-32-90	15		107	99	90	84	80	76
12	65-32-99	15		117	108	99	91	85	80
13	65-32-106	15		124	115	106	98	93	88
14	65-32-111	15		130	121	111	102	97	92
15	65-32-123	18.5		142	132	123	112	106	100
16	65-32-135	18.5		156	145	135	123	115	109
17	65-32-140	18.5		161	150	140	128	122	116
18	65-32-150	22		172	161	150	137	130	122
19	65-32-156	22		178	167	156	143	136	128
20	65-32-165	22		188	178	165	150	143	133
21	65-32-172	22		195	185	172	157	150	140
22	65-32-180	30		207	194	180	164	154	145
23	65-32-188	30		215	202	188	172	162	153
24	65-32-198	30		226	212	198	180	170	160
25	65-32-205	30		233	219	205	187	177	167
26	65-32-213	30		243	228	213	196	185	173
27	65-32-220	30		250	235	220	203	192	180

Installation Diagram

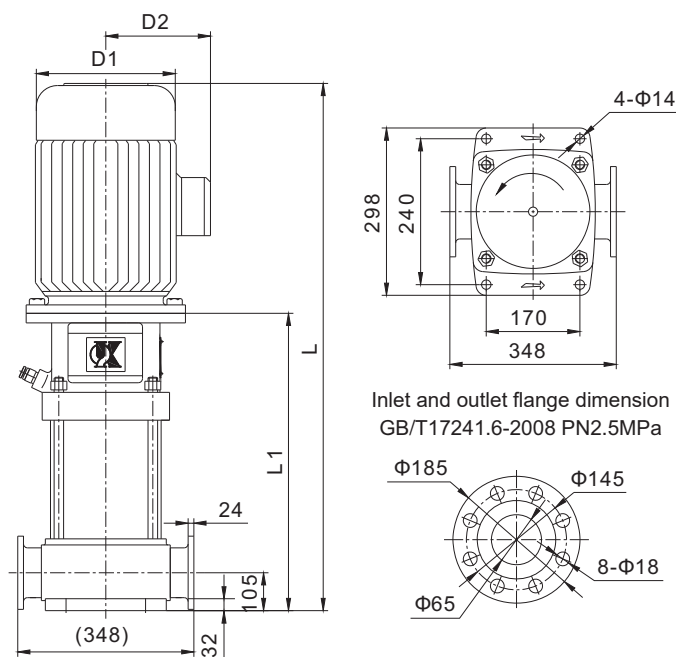
KQDP65-32



KQDP65-32 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	65-32-14	413	713	166	115	63
2	65-32-22	467	792	191	128	69
3	65-32-29	467	822	212	140	75
4	65-32-39	601	1031	258	163	108
5	65-32-44	601	1031			111
6	65-32-56	655	1085			114
7	65-32-59	655	1210	314	251	160
8	65-32-65	799	1354			163
9	65-32-74	799	1354			163
10	65-32-82	853	1408			180
11	65-32-90	853	1408			180
12	65-32-99	907	1462			183
13	65-32-106	907	1462			183
14	65-32-111	961	1516			193
15	65-32-123	961	1516			193
16	65-32-135	1015	1570			196
17	65-32-140	1015	1570	355	267	196
18	65-32-150	1069	1647			262
19	65-32-156	1069	1647			262
20	65-32-165	1123	1701			265
21	65-32-172	1123	1701			265
22	65-32-180	1177	1846	397	299	319
23	65-32-188	1177	1846			319
24	65-32-198	1231	1900			322
25	65-32-205	1231	1900			322
26	65-32-213	1285	1954			325
27	65-32-220	1285	1954			325

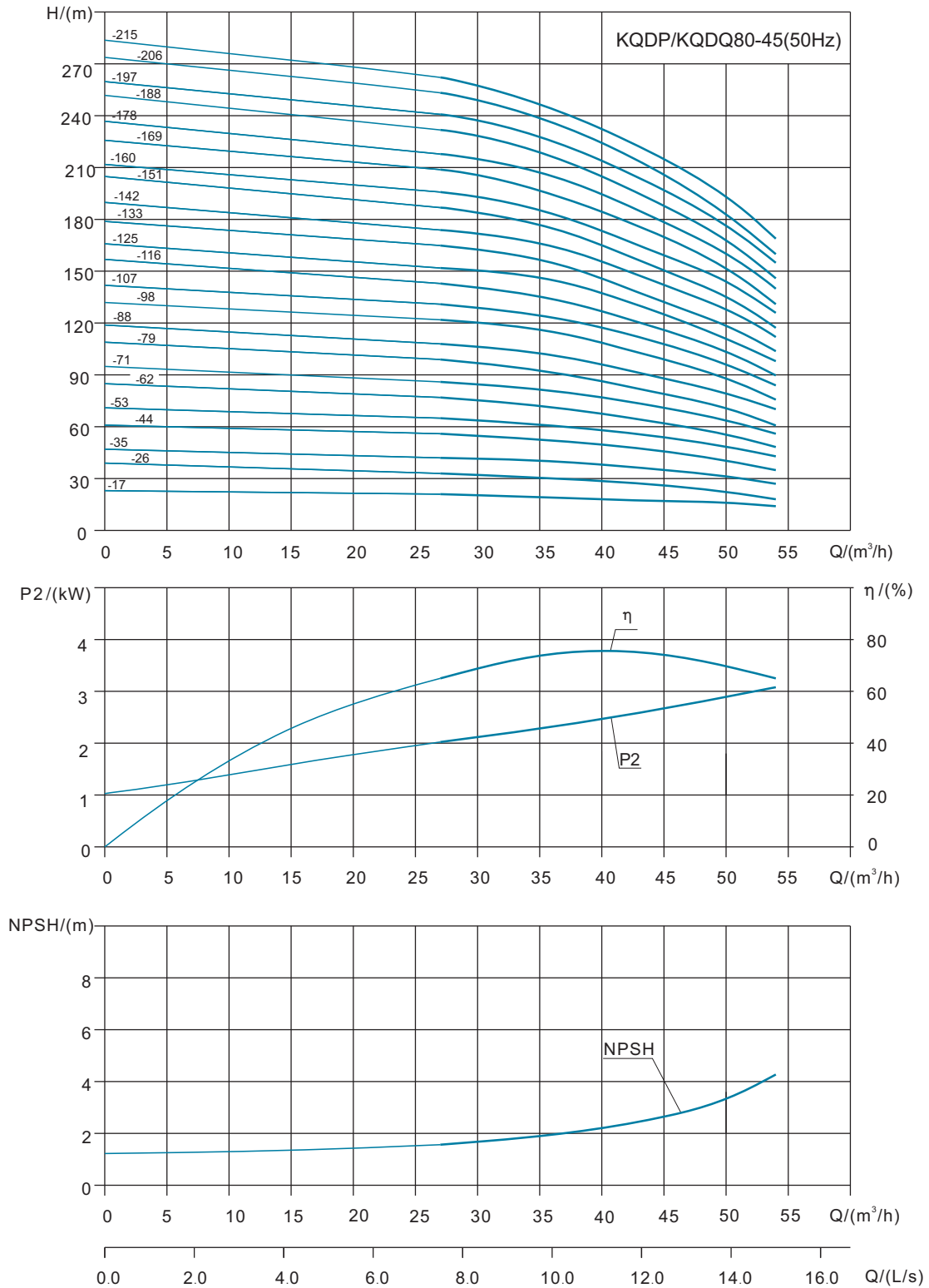
KQDQ65-32

Installation Diagram



KQDQ65-32 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	65-32-14	414	714	166	115	63
2	65-32-22	468	793	191	128	69
3	65-32-29	468	823	212	140	75
4	65-32-39	602	1032	258	163	108
5	65-32-44	602	1032			111
6	65-32-56	656	1086			114
7	65-32-59	656	1211	314	251	160
8	65-32-65	800	1355			163
9	65-32-74	800	1355			163
10	65-32-82	854	1409			180
11	65-32-90	854	1409			180
12	65-32-99	908	1463			183
13	65-32-106	908	1463			183
14	65-32-111	962	1517			193
15	65-32-123	962	1517			193
16	65-32-135	1016	1571			196
17	65-32-140	1016	1571			196
18	65-32-150	1070	1648	355	267	262
19	65-32-156	1070	1648			262
20	65-32-165	1124	1702			265
21	65-32-172	1124	1702	397	299	265
22	65-32-180	1178	1847			319
23	65-32-188	1178	1847			319
24	65-32-198	1232	1901			322
25	65-32-205	1232	1901			322
26	65-32-213	1286	1955			325
27	65-32-220	1286	1955			325

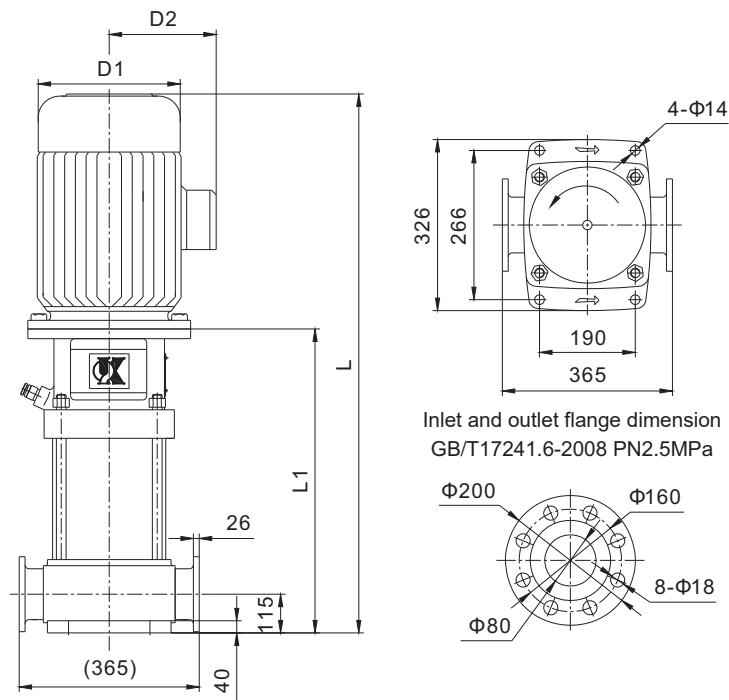
Performance Curve



KQDP/KQDQ80-45 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	27	36	45	50	54
1	80-45-17	4	H (m)	21	19	17	16	14
2	80-45-26	5.5		33	32	26	23	18
3	80-45-35	7.5		42	40	35	32	27
4	80-45-44	11		56	52	44	41	33
5	80-45-53	11		65	62	53	50	42
6	80-45-62	15		77	76	62	57	47
7	80-45-71	15		86	85	71	66	56
8	80-45-79	15		99	89	79	72	60
9	80-45-88	18.5		108	103	88	81	69
10	80-45-98	18.5		122	115	98	88	75
11	80-45-107	22		131	125	107	98	84
12	80-45-116	22		143	135	116	105	89
13	80-45-125	30		152	145	125	112	98
14	80-45-133	30		165	155	133	120	103
15	80-45-142	30		174	166	142	129	112
16	80-45-151	30		187	175	151	136	117
17	80-45-160	30		196	185	160	145	126
18	80-45-169	37		209	194	169	152	131
19	80-45-178	37		218	205	178	163	140
20	80-45-188	37		232	216	188	168	146
21	80-45-197	45		241	225	197	178	155
22	80-45-206	45		254	236	206	182	160
23	80-45-215	45		263	244	215	194	169

Installation Diagram

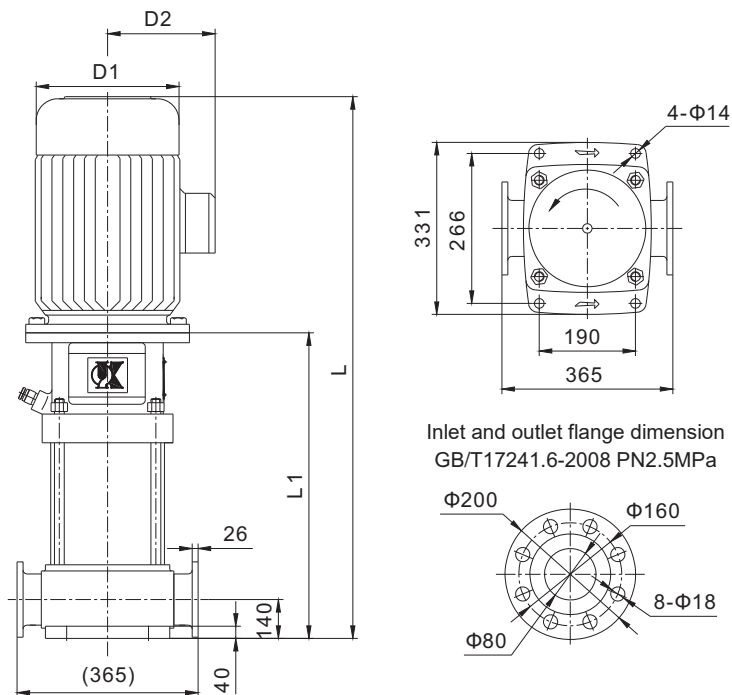
KQDP80-45



KQDP80-45 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	80-45-17	473	833	212	140	115
2	80-45-26	633	1023	258	163	130
3	80-45-35	633	1023			142
4	80-45-44	803	1308			187
5	80-45-53	803	1308	314	251	187
6	80-45-62	883	1388			206
7	80-45-71	883	1388			206
8	80-45-79	963	1468			210
9	80-45-88	963	1523			210
10	80-45-98	1043	1603			214
11	80-45-107	1043	1633	355	267	267
12	80-45-116	1123	1713			271
13	80-45-125	1123	1783	397	299	342
14	80-45-133	1203	1863			346
15	80-45-142	1203	1863			346
16	80-45-151	1283	1943			350
17	80-45-160	1283	1943			350
18	80-45-169	1363	2023			354
19	80-45-178	1363	2023			354
20	80-45-188	1473	2133			358
21	80-45-197	1473	2183	446	322	422
22	80-45-206	1553	2263			426
23	80-45-215	1553	2263			446

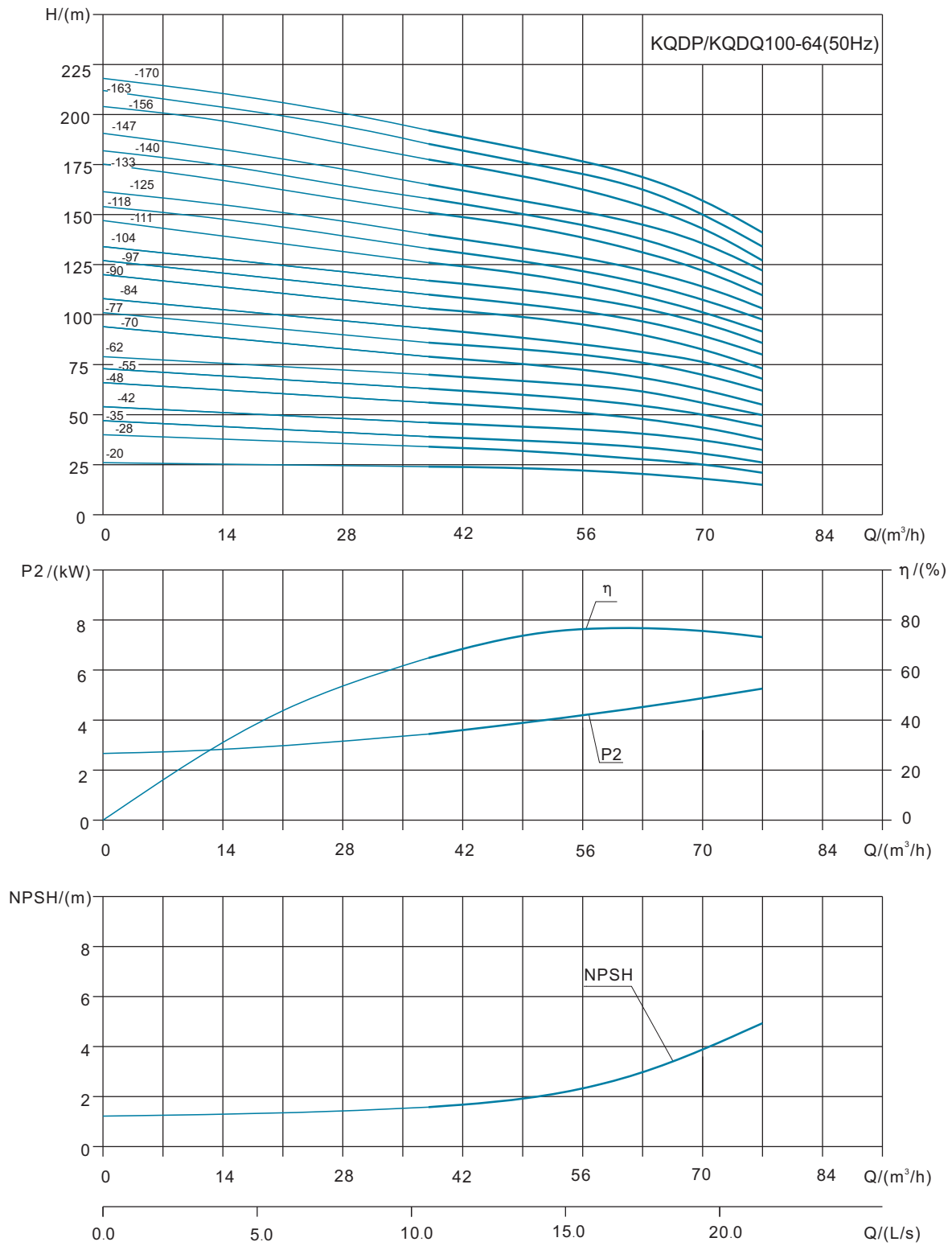
Installation Diagram

KQDQ80-45



KQDQ80-45 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	80-45-17	498	858	212	140	115
2	80-45-26	658	1048	258	163	130
3	80-45-35	658	1048			142
4	80-45-44	828	1333			187
5	80-45-53	828	1333	314	251	187
6	80-45-62	908	1413			206
7	80-45-71	908	1413			206
8	80-45-79	988	1493			210
9	80-45-88	988	1548			210
10	80-45-98	1068	1628			214
11	80-45-107	1068	1658	355	267	267
12	80-45-116	1148	1738			271
13	80-45-125	1148	1808	397	299	342
14	80-45-133	1228	1888			346
15	80-45-142	1228	1888			346
16	80-45-151	1308	1968			350
17	80-45-160	1308	1968			350
18	80-45-169	1388	2048			354
19	80-45-178	1388	2048			354
20	80-45-188	1498	2158			358
21	80-45-197	1498	2208	446	322	422
22	80-45-206	1578	2288			426
23	80-45-215	1578	2288			446

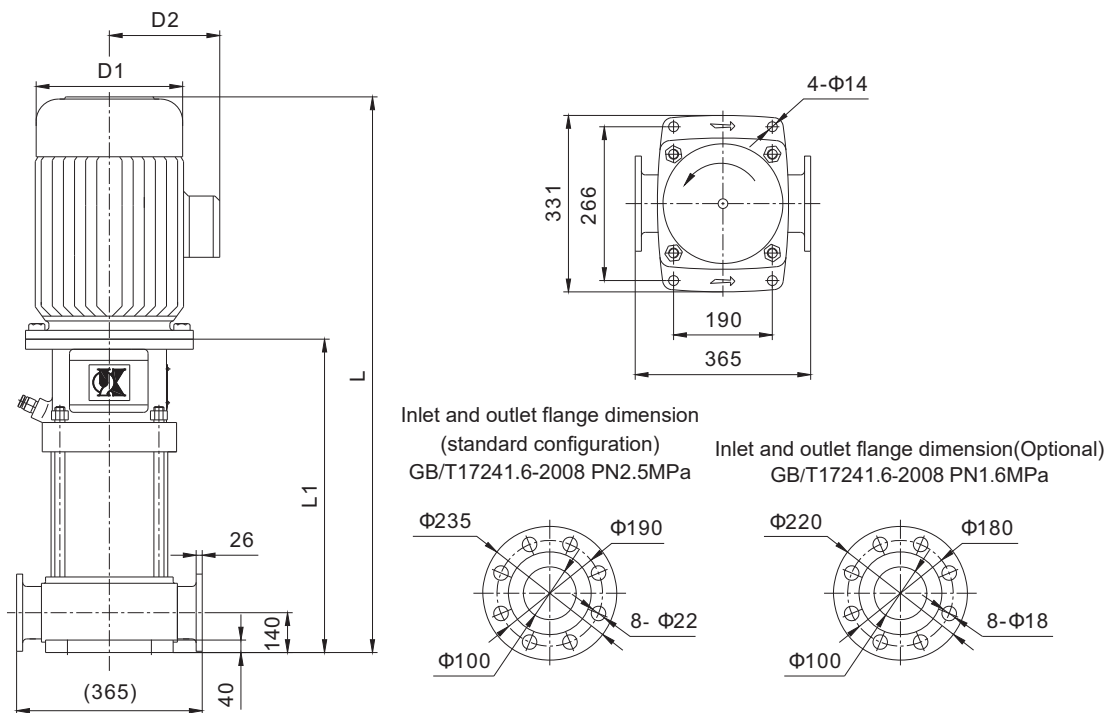
Performance Curve



KQDP/KQDQ100-64 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	38	51	64	70	77
1	100-64-20	5.5	H (m)	23	22	20	18.5	17
2	100-64-28	7.5		32	31	28	25	20
3	100-64-35	11		39	38	35	32	27
4	100-64-42	11		46	46	42	39	34
5	100-64-48	15		56	55	48	44	38
6	100-64-55	15		63	61	55	51	45
7	100-64-62	18.5		70	68	62	58	52
8	100-64-70	18.5		79	77	70	64	55
9	100-64-77	22		86	84	77	71	62
10	100-64-84	22		93	91	84	78	69
11	100-64-90	30		103	99	90	83	73
12	100-64-97	30		110	106	97	90	80
13	100-64-104	30		117	113	104	97	87
14	100-64-111	30		126	121	111	102	90
15	100-64-118	37		133	128	118	109	97
16	100-64-125	37		140	138	125	116	104
17	100-64-133	37		151	145	133	122	108
18	100-64-140	37		158	152	140	129	115
19	100-64-147	45		165	159	147	136	122
20	100-64-156	45		176	169	156	143	127
21	100-64-163	45		183	178	163	150	134
22	100-64-170	45		190	185	170	157	141

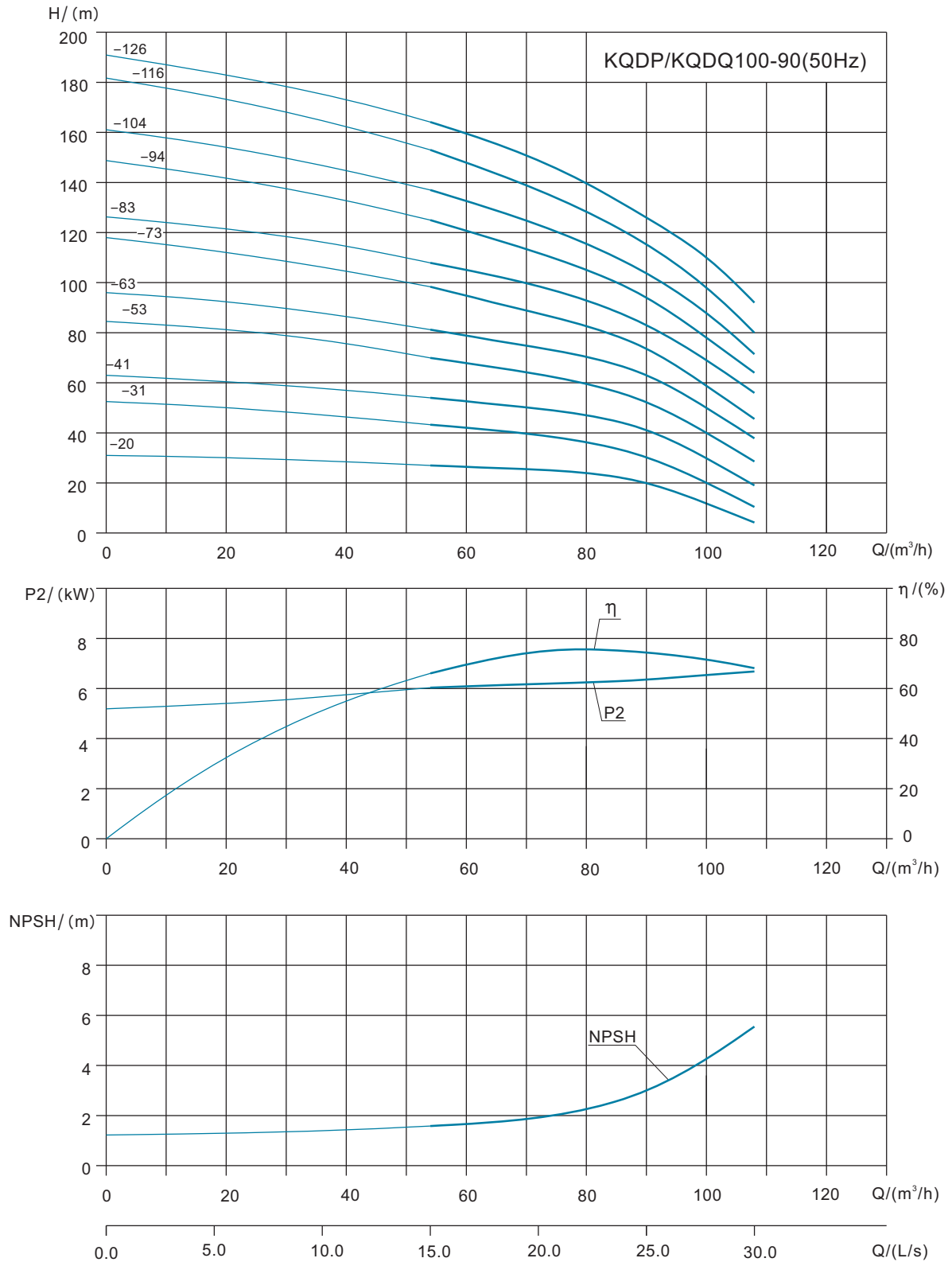
Installation Diagram

KQDP/KQDQ100-64



KQDP/KQDQ100-64 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	100-64-20	582	972	258	163	110
2	100-64-28	664	1054			113
3	100-64-35	754	1259	314	251	158
4	100-64-42	754	1259			158
5	100-64-48	836	1341			188
6	100-64-55	836	1341			188
7	100-64-62	836	1396			205
8	100-64-70	918	1478			227
9	100-64-77	918	1508	355	267	262
10	100-64-84	918	1508			262
11	100-64-90	1000	1660	397	299	328
12	100-64-97	1000	1660			328
13	100-64-104	1000	1660			328
14	100-64-111	1082	1742			330
15	100-64-118	1082	1742			350
16	100-64-125	1082	1742			354
17	100-64-133	1194	1854			354
18	100-64-140	1194	1854			354
19	100-64-147	1194	1904	446	322	430
20	100-64-156	1276	1986			438
21	100-64-163	1276	1986			438
22	100-64-170	1276	1986			438

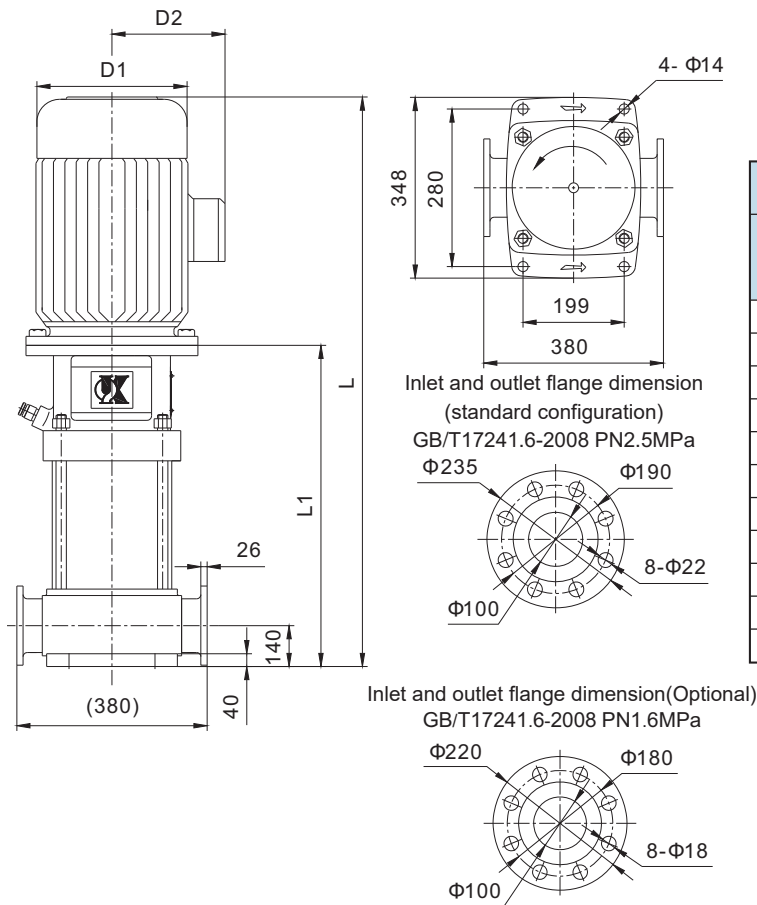
Performance Curve



KQDP/KQDQ100-90 Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m ³ /h)	54	72	90	100	108
1	100-90-20	7.5	H (m)	27	23.5	20	9.5	7
2	100-90-31	11		44	37.5	31	19	13
3	100-90-41	15		54	47.5	41	29	23
4	100-90-53	18.5		72	62.5	53	38	29
5	100-90-63	22		82	72.5	63	48	39
6	100-90-73	30		99	86	73	56	45
7	100-90-83	30		109	96	83	66	55
8	100-90-94	37		127	110.5	94	75	61
9	100-90-104	37		137	120.5	104	85	71
10	100-90-116	45		155	138	116	94	77
11	100-90-126	45		165	148	126	104	87

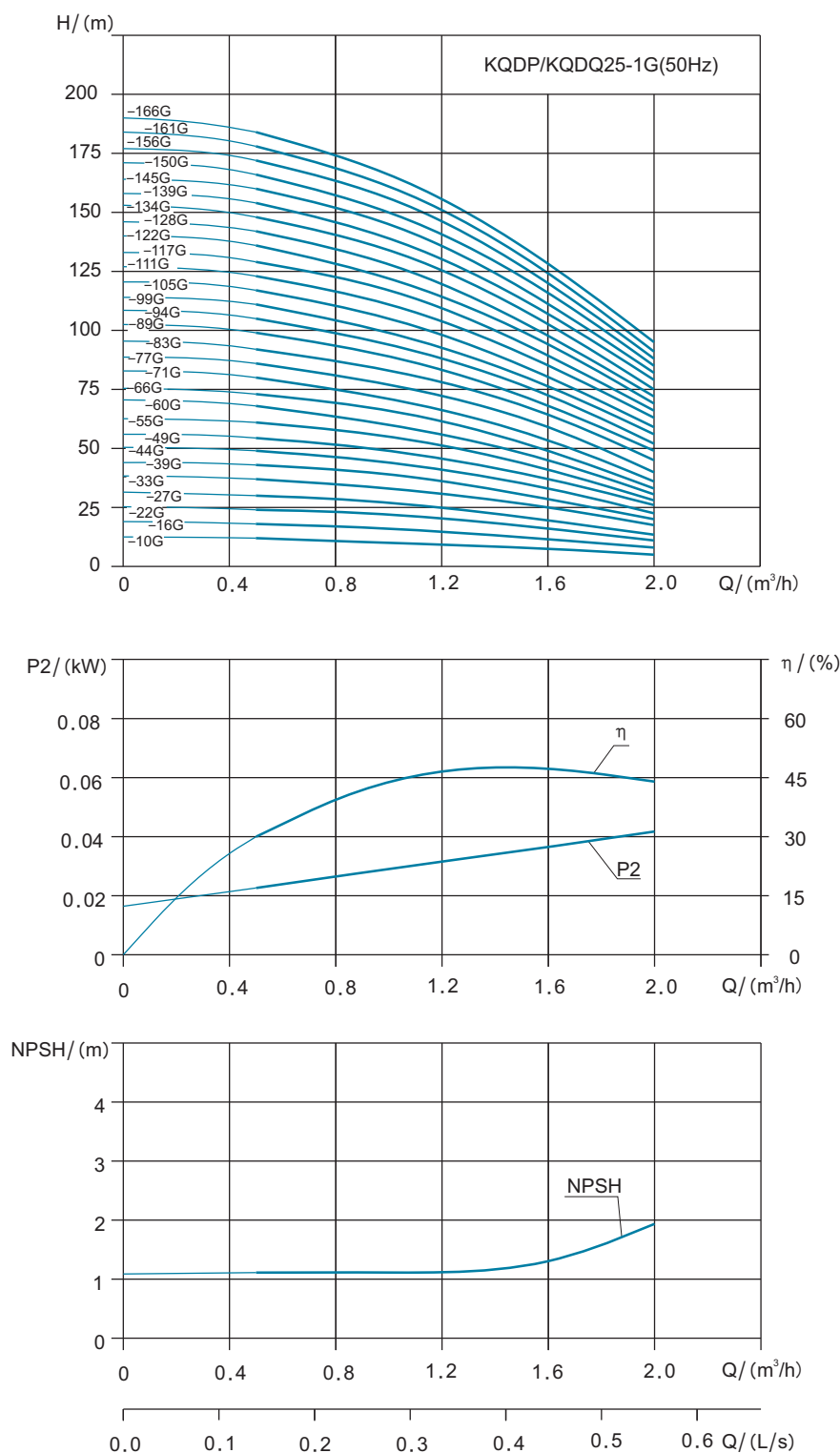
Installation Diagram

KQDP/KQDQ100-90



KQDP/KQDQ100-90 Dimension Table						
No.	Model	L1	L	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(kg)
1	100-90-20	596	986	258	163	120
2	100-90-31	778	1283	314	251	180
3	100-90-41	778	1283			210
4	100-90-53	870	1430	355	267	230
5	100-90-63	870	1460			250
6	100-90-73	962	1622			316
7	100-90-83	962	1622	397	299	316
8	100-90-94	1084	1744			336
9	100-90-104	1084	1744			336
10	100-90-116	1176	1886	446	322	390
11	100-90-126	1176	1886			390

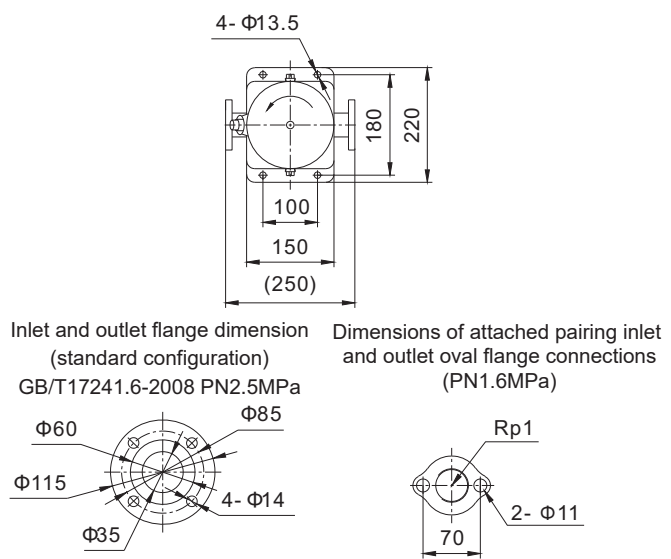
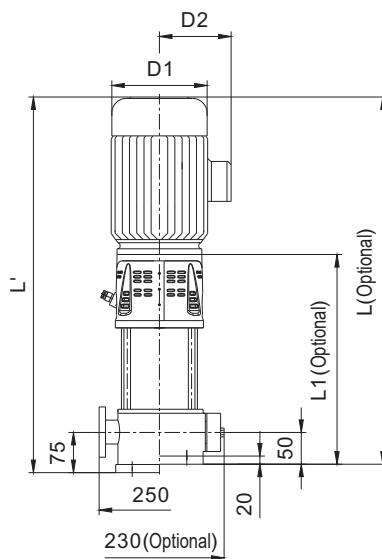
Performance Curve



KQDP/KQDQ25-1G Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	0.5	0.8	1	1.5	2
1	25-1-10G	0.37	H (m)	12	11	10	8	5
2	25-1-16G			18	17	16	12.5	8
3	25-1-22G			24	23	22	17	11
4	25-1-27G			30	28.5	27	21	13.5
5	25-1-33G			37	35	33	26.5	17.5
6	25-1-39G			43	41	39	30	20
7	25-1-44G			49	46.5	44	35	22.5
8	25-1-49G	0.55		54.5	52	49	39	26
9	25-1-55G			61	58	55	43.5	28
10	25-1-60G			68	64	60	48	30.5
11	25-1-66G			73	69	66	52.5	33
12	25-1-71G	0.75		80	75	71	57	36
13	25-1-77G			86	81	77	61.5	40
14	25-1-83G			92	87	83	66.5	45
15	25-1-89G			99	94	89	72	49
16	25-1-94G	1.1		105	99	94	76.5	52
17	25-1-99G			111	105	99	80.5	56
18	25-1-105G			117	111	105	85	59
19	25-1-111G			123	117	111	90	63
20	25-1-117G			129	123	117	94.5	66
21	25-1-122G			136	129	122	99.5	69
22	25-1-128G	1.5		142	135	128	103.5	72
23	25-1-134G			148	141	134	108.5	75
24	25-1-139G			154	146	139	113	79
25	25-1-145G			160	152	145	117.5	82
26	25-1-150G			166	158	150	122.5	85
27	25-1-156G			172	163	156	127	88
28	25-1-161G			178	169	161	131.5	91
29	25-1-166G			184	175	166	135.5	95

Installation Diagram

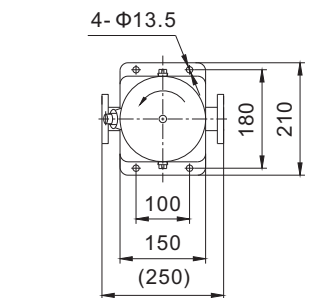
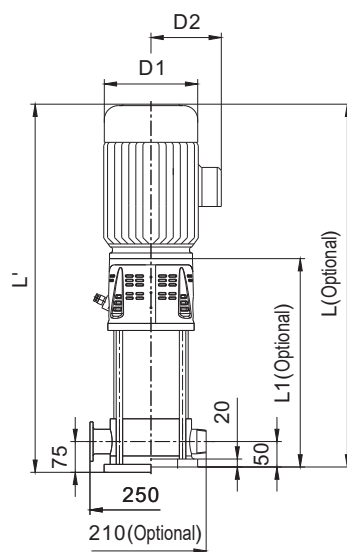
KQDP25-1G



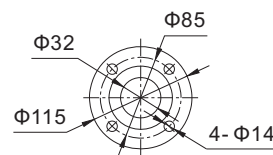
KQDP25-1G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-1-10G	283	503	528	135	86	20
2	25-1-16G	283	503	528			20
3	25-1-22G	301	521	546			21
4	25-1-27G	319	539	564			21
5	25-1-33G	337	557	582			22
6	25-1-39G	355	575	600			22
7	25-1-44G	373	593	618			23
8	25-1-49G	391	611	636			23
9	25-1-55G	409	629	654			23
10	25-1-60G	427	647	672			33
11	25-1-66G	445	665	690			35
12	25-1-71G	463	718	743	148	96	35
13	25-1-77G	481	736	761			37
14	25-1-83G	499	754	779			40
15	25-1-89G	517	772	797			42
16	25-1-94G	535	790	815			45
17	25-1-99G	553	808	833			47
18	25-1-105G	571	826	851			49
19	25-1-111G	589	844	869			51
20	25-1-117G	607	862	887			55
21	25-1-122G	625	880	905			56
22	25-1-128G	643	943	968	166	115	57
23	25-1-134G	661	961	986			58
24	25-1-139G	679	979	1004			59
25	25-1-145G	697	997	1022			60
26	25-1-150G	715	1015	1040			61
27	25-1-156G	733	1033	1058			62
28	25-1-161G	751	1051	1076			63
29	25-1-166G	769	1069	1094			64

Installation Diagram

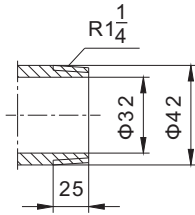
KQDP25-1G



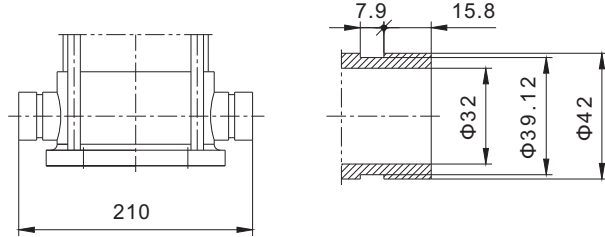
Inlet and outlet flange dimension
(standard configuration)
GB/T17241.6-2008 PN2.5MPa



Inlet and outlet thread connection dimension (optional)

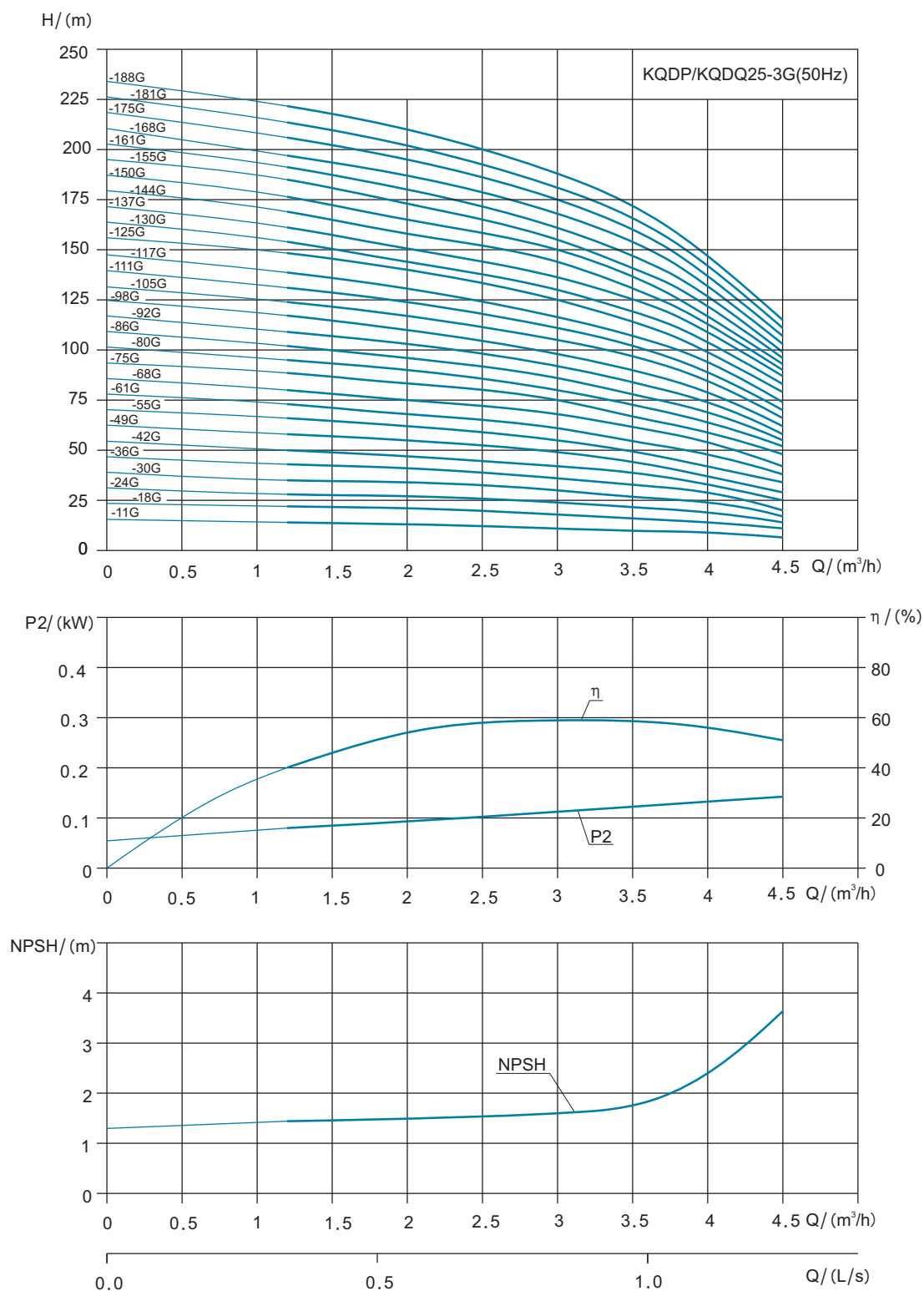


Inlet and outlet bayonet connection dimension (optional)



KQDQ25-1G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-1-10G	290	510	535	135	86	20
2	25-1-16G	290	510	535			20
3	25-1-22G	308	528	553			21
4	25-1-27G	326	546	571			21
5	25-1-33G	344	564	589			22
6	25-1-39G	362	582	607			22
7	25-1-44G	380	600	625			23
8	25-1-49G	398	618	643			23
9	25-1-55G	416	636	661			23
10	25-1-60G	434	654	679			33
11	25-1-66G	452	672	697			35
12	25-1-71G	470	725	750	148	96	35
13	25-1-77G	488	743	768			37
14	25-1-83G	506	761	786			40
15	25-1-89G	524	779	804			42
16	25-1-94G	542	797	822			45
17	25-1-99G	560	815	840			47
18	25-1-105G	578	833	858			49
19	25-1-111G	596	851	876			51
20	25-1-117G	614	869	894			55
21	25-1-122G	632	887	912			56
22	25-1-128G	650	950	975	166	115	57
23	25-1-134G	668	968	993			58
24	25-1-139G	686	986	1011			59
25	25-1-145G	704	1004	1029			60
26	25-1-150G	722	1022	1047			61
27	25-1-156G	740	1040	1065			62
28	25-1-161G	758	1058	1083			63
29	25-1-166G	776	1076	1101			64

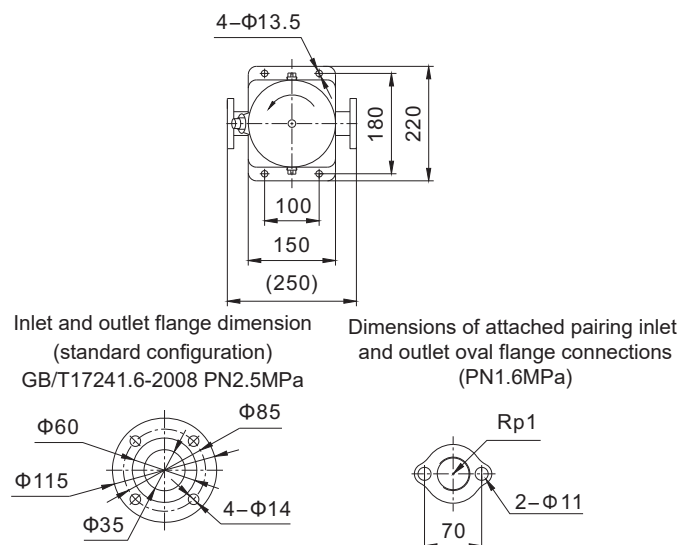
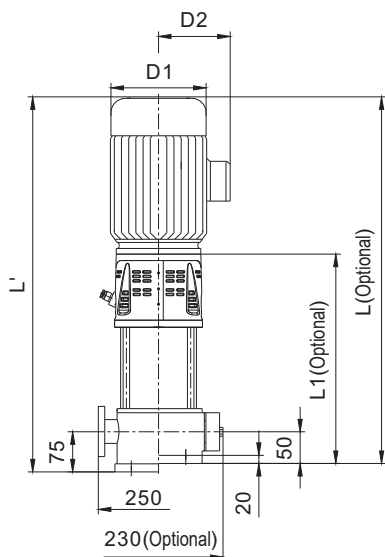
Performance Curve



KQDP/KQDQ25-3G Performance Table									
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	1.2	2	3	3.6	4	4.5
1	25-3-11G	0.37	H (m)	14	13	11	9.5	9	6.5
2	25-3-18G			22	21	18	15.5	14	11
3	25-3-24G			28	27	24	21	18.5	14
4	25-3-30G	0.55		35	34	30	26	23	17
5	25-3-36G			43	41	36	32	29	20
6	25-3-42G	0.75		50	47	42	38	33	25
7	25-3-49G			58	55	49	43	37	29
8	25-3-55G	1.1		66	62	55	48	42	34
9	25-3-61G			73	68	61	53	49	38
10	25-3-68G			80	75	68	60	54	42
11	25-3-75G	1.5		90	85	75	65	59	48
12	25-3-80G			95	90	80	71	64	52
13	25-3-86G			102	96	86	76	69	55
14	25-3-92G	2.2		108	103	92	82	74	58
15	25-3-98G			115	110	98	88	79	62
16	25-3-105G			122	117	105	95	85	66
17	25-3-111G			130	125	111	100	89	70
18	25-3-117G			138	132	117	106	94	74
19	25-3-125G			149	140	125	111	99	79
20	25-3-130G			155	144	130	116	104	83
21	25-3-137G			162	150	137	122	109	87
22	25-3-144G			169	158	144	127	113	90
23	25-3-150G	3		177	165	150	133	117	93
24	25-3-155G			185	173	155	135	122	96
25	25-3-161G			192	180	161	143	127	99
26	25-3-168G			197	187	168	150	132	103
27	25-3-175G			205	195	175	156	137	107
28	25-3-181G			215	202	181	162	142	111
29	25-3-188G			220	210	188	168	147	115

Installation Diagram

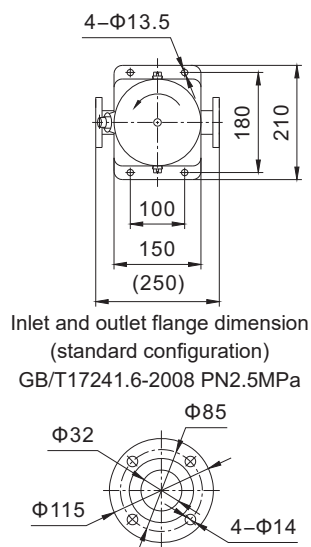
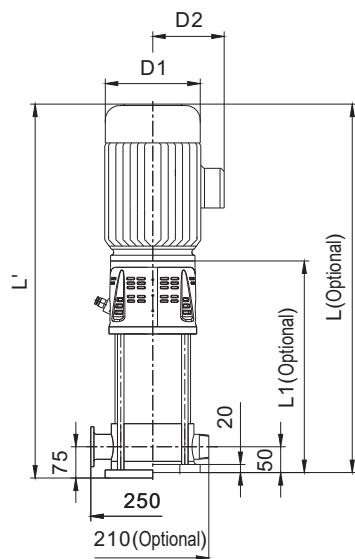
KQDP25-3G



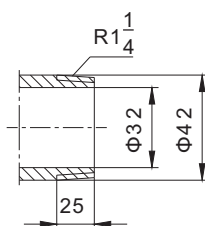
KQDP25-3G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-3-11G	283	503	528	135	86	20
2	25-3-18G	283	503	528			20
3	25-3-24G	301	521	546			21
4	25-3-30G	319	539	564			21
5	25-3-36G	337	557	582			22
6	25-3-42G	355	610	635	148	96	23
7	25-3-49G	373	628	653			25
8	25-3-55G	391	646	671			25
9	25-3-61G	409	664	689			26
10	25-3-68G	427	682	707			28
11	25-3-75G	445	745	770	166	115	28
12	25-3-80G	463	763	788			29
13	25-3-86G	481	781	806			30
14	25-3-92G	499	799	824			38
15	25-3-98G	517	817	842			39
16	25-3-105G	535	835	860			40
17	25-3-111G	553	853	878			41
18	25-3-117G	571	871	896			42
19	25-3-125G	589	889	914			43
20	25-3-130G	607	907	932			44
21	25-3-137G	625	925	950			52
22	25-3-144G	643	943	968			53
23	25-3-150G	671	996	1021	191	128	54
24	25-3-155G	689	1014	1039			55
25	25-3-161G	707	1032	1057			56
26	25-3-168G	725	1050	1075			57
27	25-3-175G	743	1068	1093			58
28	25-3-181G	761	1086	1111			59
29	25-3-188G	779	1104	1129			60

Installation Diagram

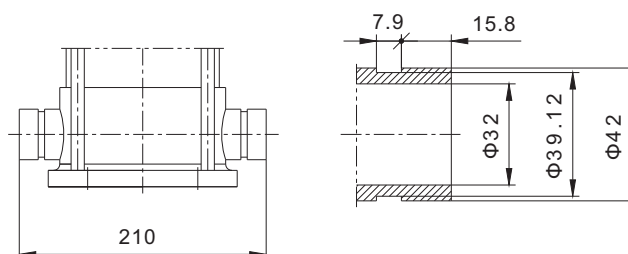
KQDP25-3G



Inlet and outlet thread connection dimension (optional)

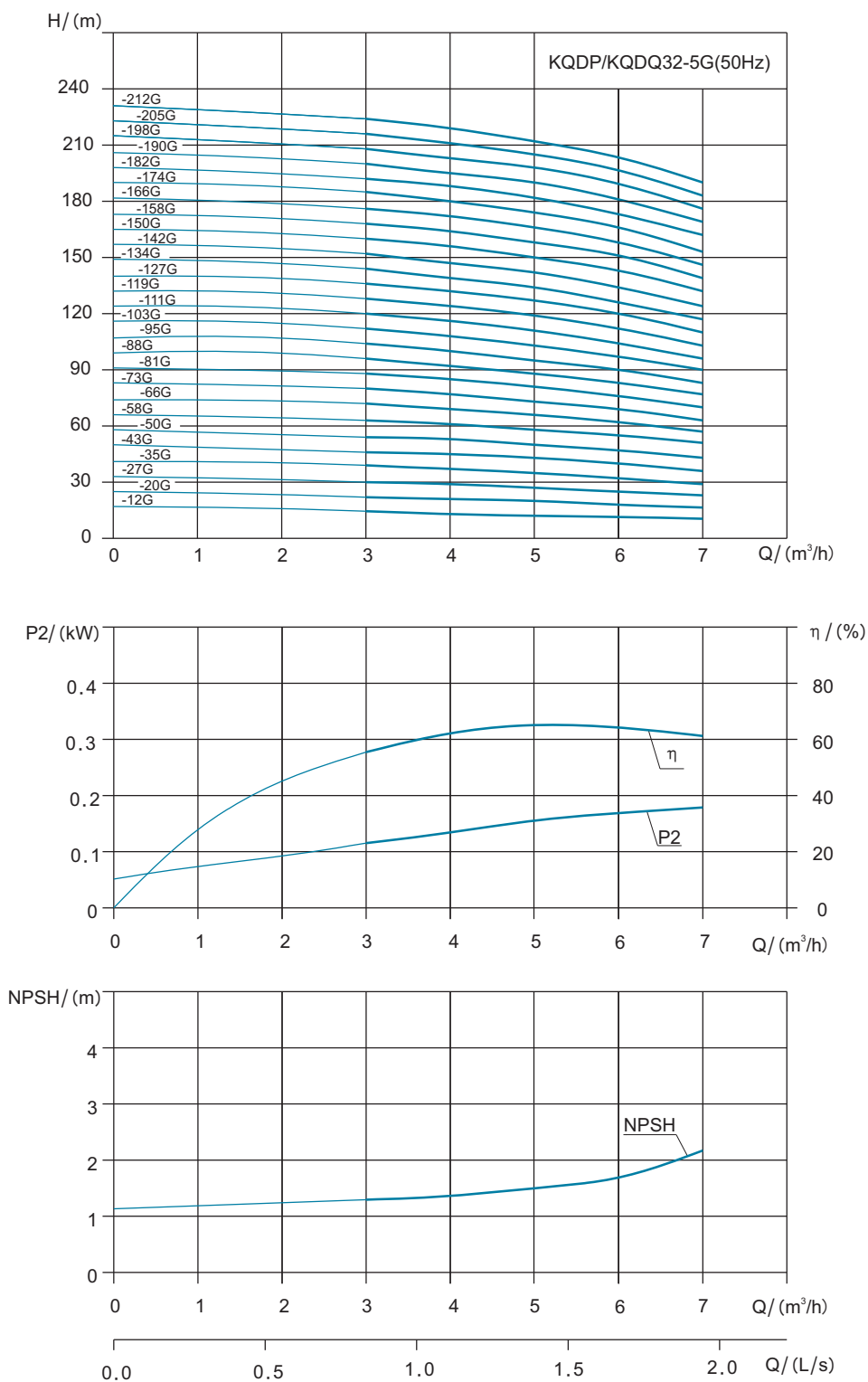


Inlet and outlet bayonet connection dimension (optional)



KQDQ25-3G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	25-3-11G	290	510	535	135	86	20
2	25-3-18G	290	510	535			20
3	25-3-24G	308	528	553			21
4	25-3-30G	326	546	571			21
5	25-3-36G	344	564	589			22
6	25-3-42G	362	617	642	148	96	23
7	25-3-49G	380	635	660			25
8	25-3-55G	398	653	678			25
9	25-3-61G	416	671	696			26
10	25-3-68G	434	689	714			28
11	25-3-75G	452	752	777	166	115	28
12	25-3-80G	470	770	795			29
13	25-3-86G	488	788	813			30
14	25-3-92G	506	806	831			38
15	25-3-98G	524	824	849			39
16	25-3-105G	542	842	867			40
17	25-3-111G	560	860	885			41
18	25-3-117G	578	878	903			42
19	25-3-125G	596	896	921			43
20	25-3-130G	614	914	939			44
21	25-3-137G	632	932	957			52
22	25-3-144G	650	950	975			53
23	25-3-150G	678	1003	1028	191	128	54
24	25-3-155G	696	1021	1046			55
25	25-3-161G	714	1039	1064			56
26	25-3-168G	732	1057	1082			57
27	25-3-175G	750	1075	1100			58
28	25-3-181G	768	1093	1118			59
29	25-3-188G	786	1111	1136			60

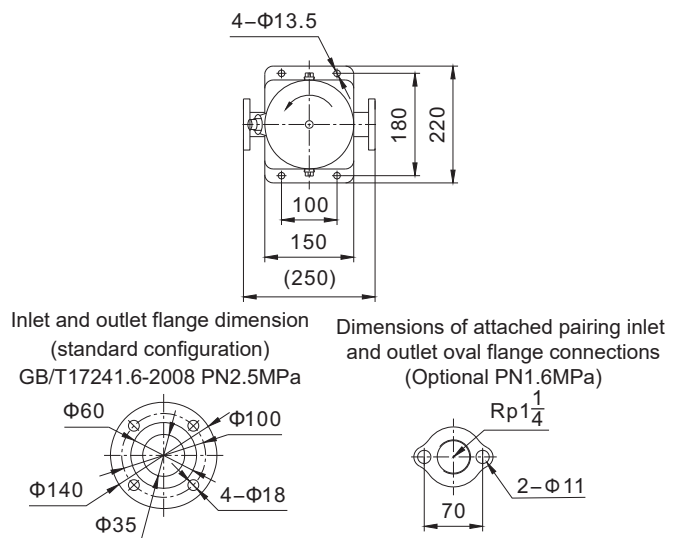
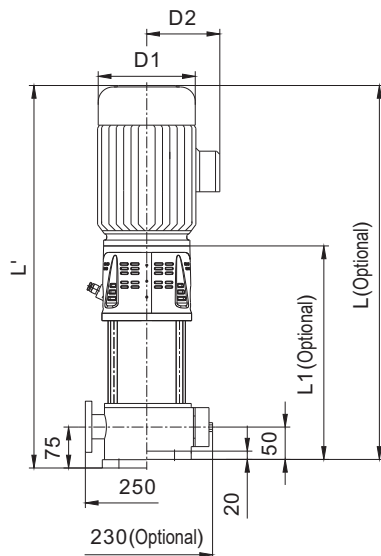
Performance Curve



KQDP/KQDQ32-5G Performance Table								
No.	Model	Matching Motor Power (kW)	Capacity (m³/h)	3	4	5	6	7
1	32-5-12G	0.37	H (m)	14.5	13	12	11.5	10.5
2	32-5-20G	0.55		22	21	20	18	15
3	32-5-27G	0.75		30	29	27	25	21
4	32-5-35G	1.1		39	37	35	32	29
5	32-5-43G			46	45	43	40	36
6	32-5-50G	1.5		54	53	50	47	43
7	32-5-58G			63	61	58	55	51
8	32-5-66G	2.2		72	69	66	62	57
9	32-5-73G			80	77	73	69	63
10	32-5-81G			88	85	81	76	70
11	32-5-88G			96	92	88	83	77
12	32-5-95G	3		104	100	95	90	83
13	32-5-103G			112	108	103	97	90
14	32-5-111G			120	116	111	104	96
15	32-5-119G			128	124	119	112	103
16	32-5-127G	4		136	132	127	120	110
17	32-5-134G			144	139	134	126	117
18	32-5-142G			152	147	142	134	121
19	32-5-150G			160	156	150	143	132
20	32-5-158G			168	164	158	151	139
21	32-5-166G	5.5		176	172	166	158	146
22	32-5-174G			185	180	174	166	153
23	32-5-182G			192	188	182	173	162
24	32-5-190G			200	195	190	181	169
25	32-5-198G			208	203	198	190	176
26	32-5-205G			216	211	205	197	183
27	32-5-212G			224	219	212	204	190

Installation Diagram

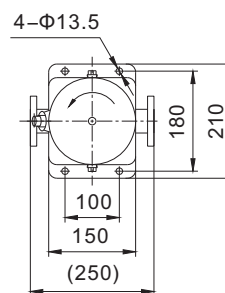
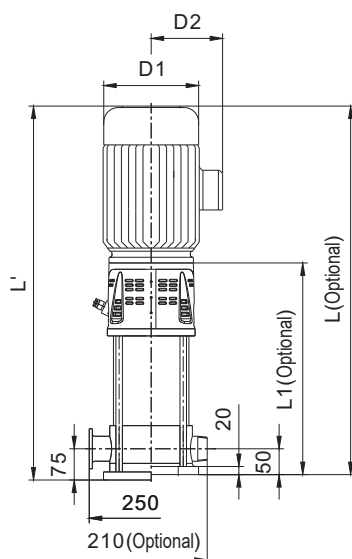
KQDP25-5G



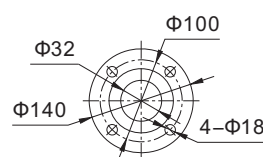
KQDP32-5G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-5-12G	283	503	528	135	86	21
2	32-5-20G	310	530	555			22
3	32-5-27G	337	592	617			26
4	32-5-35G	364	619	644	148	96	27
5	32-5-43G	391	646	671			28
6	32-5-50G	418	718	743			33
7	32-5-58G	445	745	770	166	115	34
8	32-5-66G	472	772	797			36
9	32-5-73G	499	799	824			37
10	32-5-81G	526	826	851			38
11	32-5-88G	553	853	878			38
12	32-5-95G	590	915	940	191	128	49
13	32-5-103G	617	942	967			50
14	32-5-111G	644	969	994			50
15	32-5-119G	671	996	1021			51
16	32-5-127G	698	1023	1048			52
17	32-5-134G	725	1080	1105	212	140	55
18	32-5-142G	752	1107	1132			56
19	32-5-150G	779	1134	1159			57
20	32-5-158G	806	1161	1186			58
21	32-5-166G	833	1188	1213			59
22	32-5-174G	880	1310	1335	258	163	69
23	32-5-182G	907	1337	1362			70
24	32-5-190G	934	1364	1389			71
25	32-5-198G	961	1391	1416			72
26	32-5-205G	988	1418	1443			74
27	32-5-212G	1015	1445	1470			76

Installation Diagram

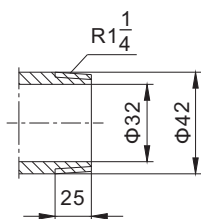
KQDP25-5G



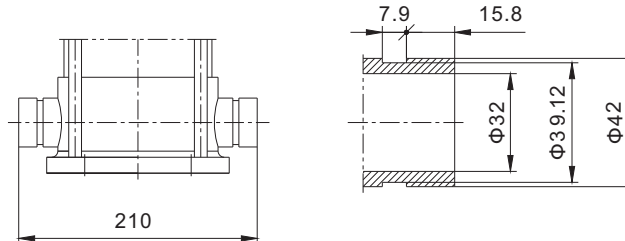
Inlet and outlet flange dimension
(standard configuration)
GB/T17241.6-2008 PN2.5MPa



Inlet and outlet thread connection dimension (optional)



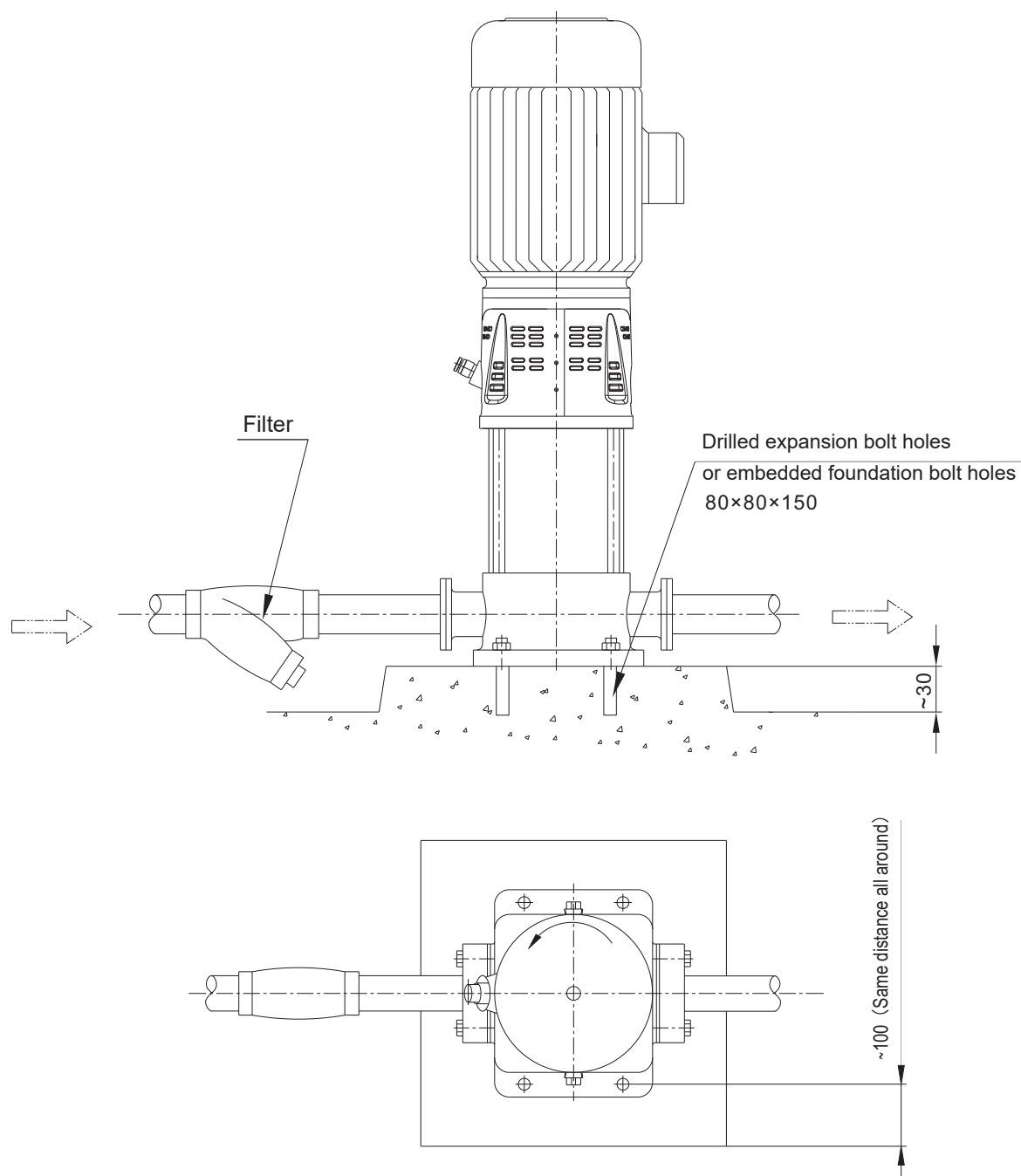
Inlet and outlet bayonet connection dimension (optional)



KQDQ32-5G Dimension Table							
No.	Model	L1	L	L'	D1	D2	Weight
	Style	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1	32-5-12G	290	510	535	135	86	21
2	32-5-20G	317	537	562			22
3	32-5-27G	344	599	624			26
4	32-5-35G	371	626	651	148	96	27
5	32-5-43G	398	653	678			28
6	32-5-50G	425	725	750			33
7	32-5-58G	452	752	777	166	115	34
8	32-5-66G	479	779	804			36
9	32-5-73G	506	806	831			37
10	32-5-81G	533	833	858			38
11	32-5-88G	560	860	885			38
12	32-5-95G	597	922	947	191	128	49
13	32-5-103G	624	949	974			50
14	32-5-111G	651	976	1001			50
15	32-5-119G	678	1003	1028			51
16	32-5-127G	705	1030	1055	212	140	52
17	32-5-134G	732	1087	1112			55
18	32-5-142G	759	1114	1139			56
19	32-5-150G	786	1141	1166			57
20	32-5-158G	813	1168	1193			58
21	32-5-166G	840	1195	1220	258	163	59
22	32-5-174G	887	1317	1342			69
23	32-5-182G	914	1344	1369			70
24	32-5-190G	941	1371	1396			71
25	32-5-198G	968	1398	1423			72
26	32-5-205G	995	1425	1450			74
27	32-5-212G	1022	1452	1477			76

Performance Curve

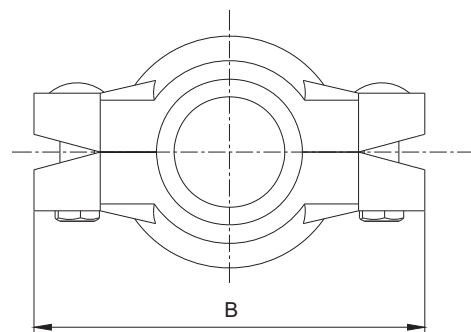
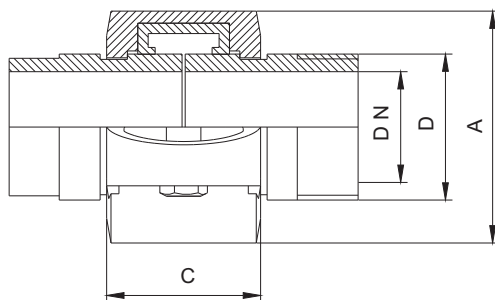
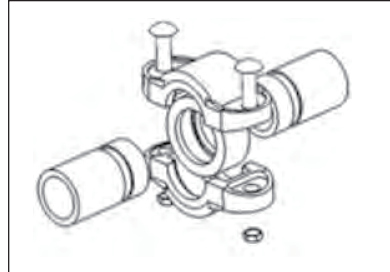
KQDP、KQDQ Installation diagram



Optional accessories

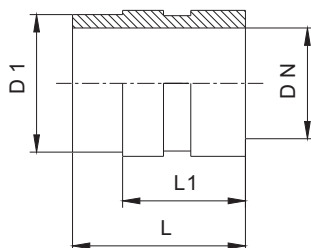
Flexible pipe clamp

The certain relative displacements and angular deviations are allowed and a gap is reserved between the ends of two pipes to accommodate the expansion and shrink of pipeline.



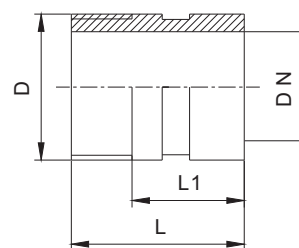
Steel Pipe		Pressure MPa	Maximum permissible deflection angle	Overall Dimensions mm		
Pipe Diameter DN	Outside Diameter Dmm			A	B	C
1 1/4"	42.2	3.5	3°	67	113	44.5
1 1/2"	48.3	3.5	3°	79	114	44.5
2"	60.3	3.5	3°	89	130	48

Welded pipe connector



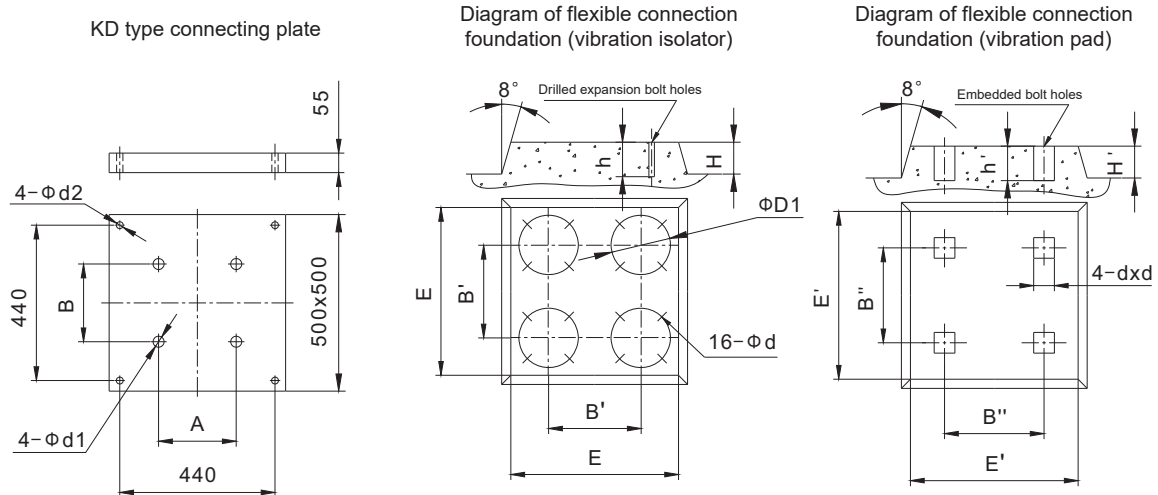
Pipe Diameter DN	D1	L	L1
1 1/4"	38	40	30
1 1/2"	45	40	32
2"	57	45	35

Threaded pipe connector



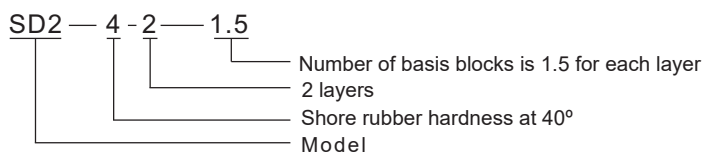
Pipe Diameter DN	D1	L	L1
1 1/4"	ZG1 1/4"	53	30
1 1/2"	ZG1 1/2"	55	32
2"	ZG2"	58	35

Dimension diagram of flexible installation foundation



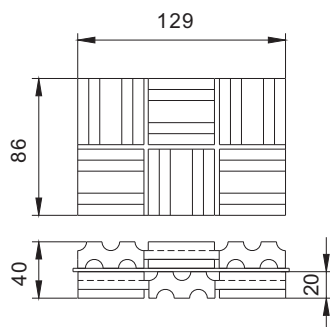
KD type connecting plate					Diagram of flexible connection foundation (vibration isolator)						Diagram of flexible connection foundation (vibration pad)				
Model	A	B	Φd1	Φd2	H	E	B'	D1	Φd	h	H'	E'	B''	dx	h'
KD-1/KQDP32	100	180	13	14	150	750	440	Same as vibration isolation pad ΦD1	14	100	150	750	440	90	250
KD-1/KQDP40	130	215	13	14											
KD-1/KQDP65	170	240	14	16											
KD-1/KQDP80	190	266	14	16											
KD-1/KQDP100-90	199	280	14	16											

For example

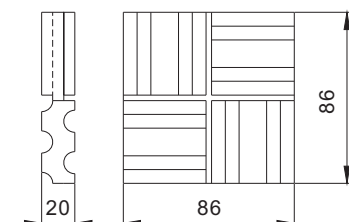


Model description

Rubber hardness in model number: 4 for 40°,
6 for 60°, and 8 for 80°

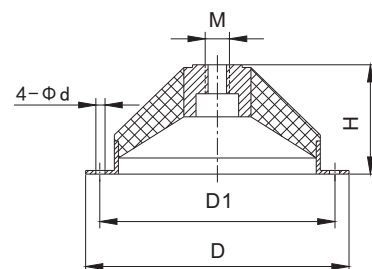


Dimension of basis blocks for type SD2 vibration pad

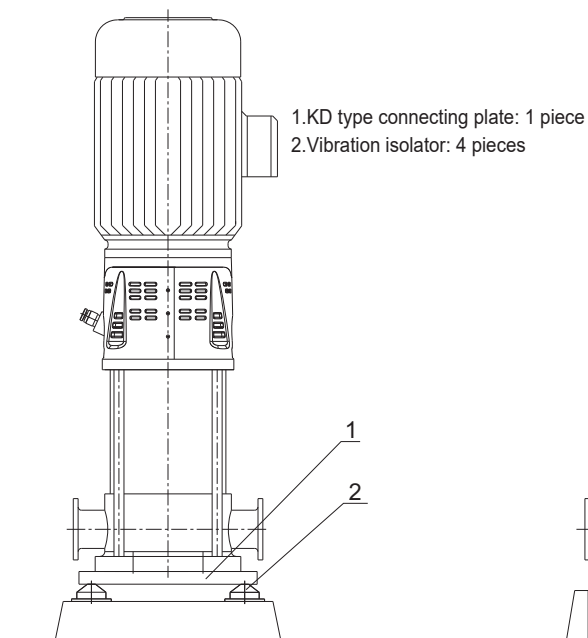


Installation dimensions of type JG vibration isolator

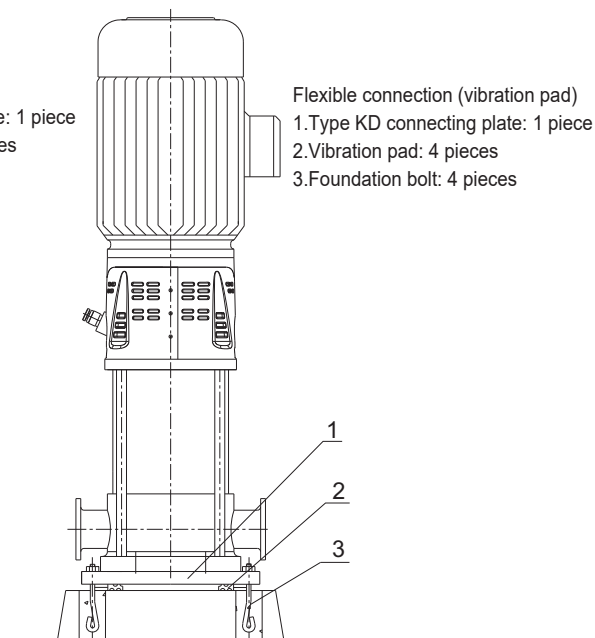
Model	M	D	D1	H	d
JG1-1 JG1-2	10	100	80	43	8.5
JG2-1 JG2-2	12	150	130	65	8.5
JG3-1 JG3-2	16	200	170	87	12.5
JG4-1 JG4-2	20	290	260	133	12.5



Flexible connection (vibration isolator)



Flexible connection (vibration pad)



KQDP(Q) vibration isolator configuration table					
Model	Head	KD type connecting plate	Vibration isolator	Vibration pad	Foundation bolt
KQDP(Q)25-1(G)	10~209	KD-1/KQDP32	JG2-1	SD2-4-1-0.5	M10x150 4 pieces
KQDP(Q)25-2	16~197				
KQDP(Q)25-3(G)	11~133		JG2-2	SD2-6-1-0.5	
	137~188				
KQDP(Q)32-4	17~92		JG2-1	SD2-4-1-0.5	
	101~217				
KQDP(Q)32-5(G)	12~90	JG2-1	SD2-4-1-0.5		
	95~212			JG2-2	
KQDP(Q)40-8	23~176	KD-1/KQDP40	JG2-2		
KQDP(Q)40-10	21~166				
KQDP(Q)50-12	25~94				
KQDP(Q)50-15	29~102				
KQDP(Q)50-16	28~100				
KQDP(Q)50-20	28~74				
KQDP(Q)40-8	188~236		JG3-1	SD2-6-1-1	
KQDP(Q)40-10	178~226				
KQDP(Q)50-12	107~196				
KQDP(Q)50-15	117~212				
KQDP(Q)50-16	115~206				
KQDP(Q)50-20	90~210				
KQDP(Q)65-32	14~106	KD-1/KQDP65	JG3-1	SD2-6-1-1	M12x200 4 pieces
	123~220		JG3-2	SD2-6-1-1.5	
KQDP(Q)80-45	17~88	KD-1/KQDP80	JG3-1	SD2-6-1-1	
	98~215		JG3-2	SD2-6-1-1.5	
KQDP(Q)100-64	20~62		JG3-1	SD2-6-1-1	
	70~170		JG3-2	SD2-6-1-1.5	
KQDP(Q)100-90	20~63	KD-1/KQDP100-90	JG3-1	SD2-6-1-1	
	73~126		JG3-2	SD2-6-1-1.5	

Where there is Kaiquan, there is water!



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