

Leading the Rise of Chinese Pump Industry

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KQSN(S/W)系列泵 (全新升级版)

KQSN(S/W) Series Double Suction Pumps (Φ150- Φ600)



➤ **Kaiquan, the source of energy saving**
Using advanced technology can produce more energy than expected with minimum energy consumption and meet more market demand

➤ **A green revolution in the history of water pump**
Let the media flow at will, to optimize the process, minimum environmental impact, active in various fields, obtain high energy efficiency

➤ **Successful design details lead to innovation**
It can not only improve the efficiency, but also extend the service life of the unit, improve the overall operation reliability and safety of the equipment, and greatly reduce the life cycle cost

➤ **Efficient and reliable solution for fluid transportation**
Intelligent design of structure and automation technology of hydromechanical materials ensures the first-class reliability and efficiency of products in industrial application and process technology

➤ **Exquisite and beautiful, exquisite technology leading the trend**
We use technology to realize your desire, in every part, every processing technology with the most advanced inspection equipment and the most scientific method to control each production link



SKF Equipped



YB/KQ KQSN(S/W)-2021/02

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ISO9001 2015 版国际质量体系认证
ISO9001 2015 Certified (Version 2015)

Kaiquan and SKF Strategic Cooperation

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

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

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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 Overview

KQSN series single-stage, double-suction, horizontal-split, high-efficiency horizontal centrifugal pump is a new generation high-efficiency and energy-saving double-suction pump product innovated and researched by our company on the basis of the extensive absorption of advanced technologies from like products both home and abroad. It's a new generation pump product developed by the most advanced CFD hydromechanics calculation method and computer aided design method, featuring extensive lineup scope, good hydraulic performance, novel structure, high efficiency and energy-saving, low pulsation, low noise, good stiffness and durability, and easy maintenances. The efficiency index of KQSS series pump conforms to the energy-saving evaluation value of GB19762 Minimum Allowable Values of Energy Efficiency and Evaluating Values of Energy Conservation of Centrifugal Pump for Fresh Water.

With elaborate manufacturing and complete quality control, this product reaches domestic advanced level. Our company has qualified ISO9001 quality certification to sufficiently guarantee the product quality.

This series pump conforms to the standards ISO2548C, GB3216C, and GB/T5657.

Application Field

KQSN series high-efficiency double-suction centrifugal pump is generally used for conveyance of fresh water or other liquids of water-equivalent physical and chemical properties without solid contents and can be extensively applied for high building water supply, construction fire protection, central A/C water circulation, circulating water supply in engineering systems, cooling water circulation, boiler water supply, industrial water supply and drainage, and water conservancy and irrigation, especially suitable for water plant, paper plant, power plant, thermal power plant, steel works, chemical plant, water conservancy project, and irrigation water supply. Made of corrosion-resistant or wear-resistant materials (such as SEBF coating or 1.4460 duplex stainless steel), it can be used for conveyance of corrosive industrial wastewater, seawater, and rainwater with suspended solids.

Technical Parameters

KQSN-S/W series totally includes the products of 107 models and 508 specifications and can provide choices of diversified working conditions with different impeller diameters and different speeds (See product lineup for details).

Rotation speed: 740, 990, 1480, and 2960r/min.

Inlet and outlet diameters: 150-600mm, with the flanges conforming to GB/T17241.6 PN1.0 (for nominal head ≤ 75 m) and GB/T17241.6 PN1.6 (for nominal head > 75 m). The inlet and outlet are compatible with the flanges of same grade specified by following standards: BS 4504, ISO 7005.1, and DIN 2533.

Capacity Q: 68-6276m³/h

Head H: 9-306m

Temperature range: maximum liquid temperature $\leq 80^{\circ}\text{C}$ (standard configuration), 80°C - 130°C (special configuration)

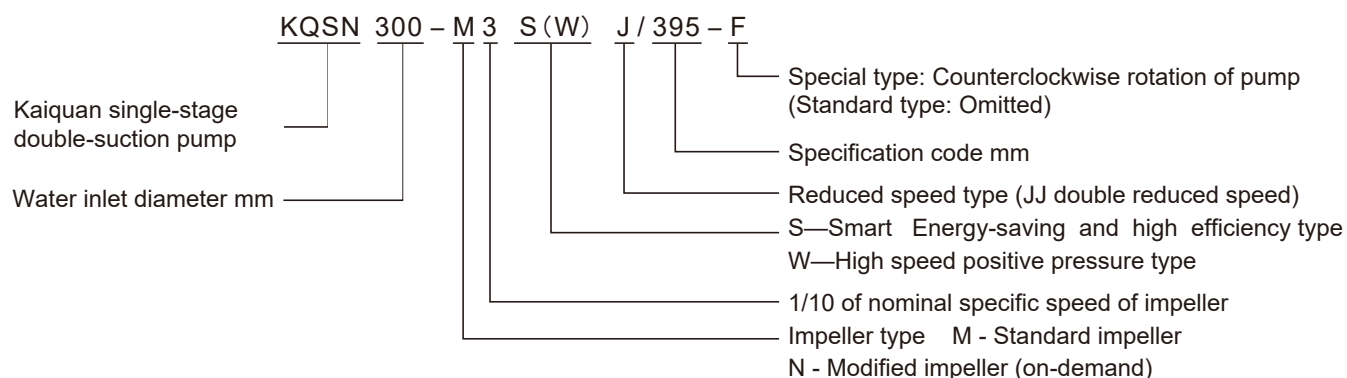
Notice: All KQSN-S pumps, all KQSN-W pumps and 40 shafting KQSN pumps [150-M(N)4, 150-M(N)46, 150-M(N)7, 200-M(N)6, 200-M(N)9, 200-M(N)12] cannot be added with water cooling structure due to tight pump structure

Standard test pressure: $1.2 \times$ (closing point head + inlet pressure) or $15 \times$ (working point head + inlet pressure)

Allowed medium: clear water, if the medium is other liquid, please contact us

Sealing water pipe parts: do not install when the inlet pressure is greater than or equal to 0.03Mpa

Model Description



KQSN Pump Product Structural Diagram and Characteristics

Impeller

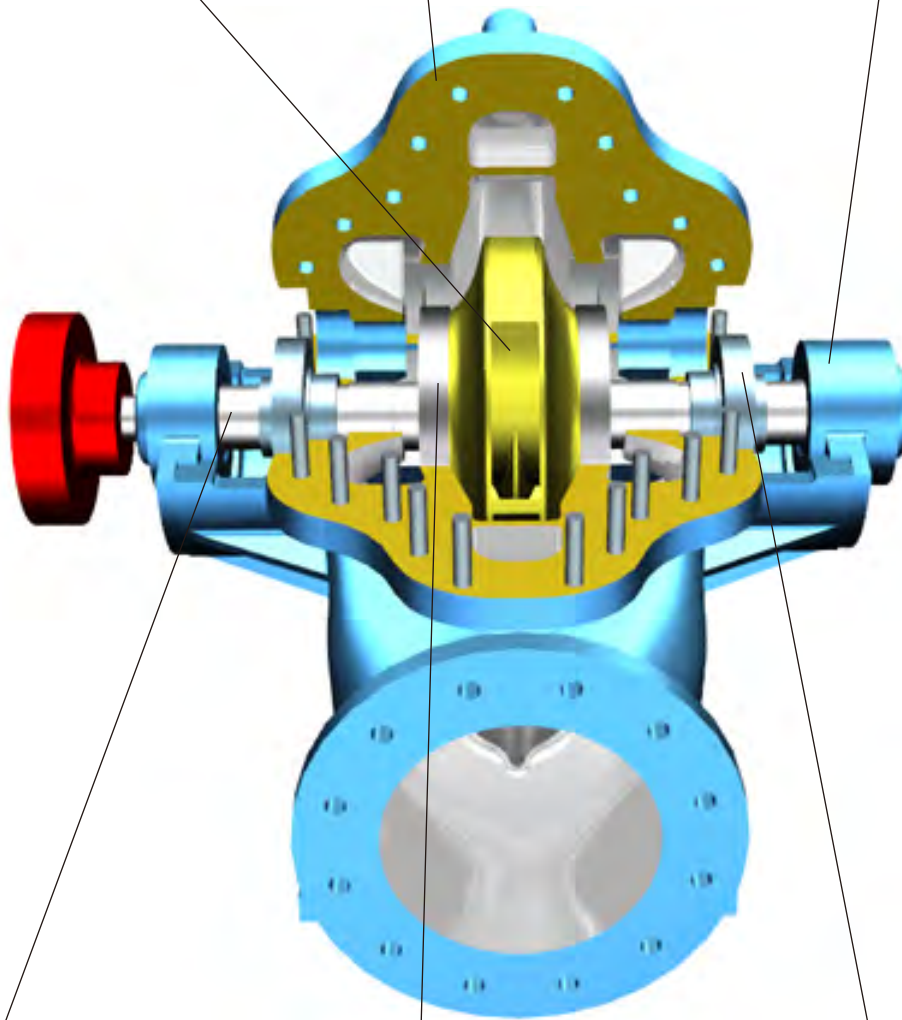
- ※ Double suction impeller is adopted to minimize the axial force.
- ※ The best hydraulic model of CAD Optimization design has good performance.
- ※ In addition to the original impeller, a modified impeller can also be used for a pump body to meet the requirements of different working conditions and improve efficiency.

Volute

- ※ The double volute type is adopted to reduce the radial force according to the stress condition, so the bearing force is small and the service life is long.
- ※ Easy to install and auto correct pump cover.
- ※ The relative positions of the inlet and outlet pipelines of the motor and the pump body can be changed according to the requirements of the user's site.
- ※ No vortex at the inlet, smooth operation and low loss.

Bearing

- ※ Grease lubricated rolling bearing, easy maintenance, bearing increase, long life.
- ※ The end bearing is installed with bearing bush and key, which is reliable and easy to disassemble.



Shaft

- ※ Thick shaft, good rigidity, smooth operation and novel structure.
- ※ The rotor has no damage in short time reversal and is convenient for reversing.
- ※ Completely sealed shaft, no contact with liquid, no thread corrosion.
- ※ The assembly size of the parts shall be ensured, and the pump does not need to be adjusted during assembly.

Sealing Ring

- ※ The replaceable sealing ring can protect the pump body from wear and tear, and reduce the maintenance cost and maintain the efficient operation of the pump by simply adjusting the appropriate clearance.
- ※ The whole series can be equipped with welded steel base according to the need, with the characteristics of impact resistance, good toughness, light and durable.

Shaft Seal

- ※ The high quality mechanical seal has no leakage. The shaft sleeve of the machine seal is made of stainless steel to avoid rust and easy to maintain.
- ※ Non-asbestos soft packing in line with environmental protection requirements.
- ※ With on-line maintenance function of injection soft packing, no need to shut down for maintenance, avoid costly production loss, low friction power consumption, no leakage.

KQSN-S Pump Product Structural Diagram and Characteristics

High performance and wide coverage

This series of products give consideration to both high efficiency and low cavitation, high efficiency and wide efficient area. The performance is higher than the energy saving standard and other domestic manufacturers' products. The efficiency of some models is higher than that of foreign brands. The cavitation performance is better than the national standard. The parameters of this series of products can fully cover the products of the main manufacturers in the current market, which is the most complete product series with the largest number of models.

Innovative design thinking

Three dimensional hydraulic structure integrated design, from water modeling, hydraulic optimization analysis, three-dimensional structure design to three-dimensional software virtual factory trial, all in one. In addition to hydraulic, structural, mechanical, vibration and other comprehensive analysis and calculation, the design process takes into account the most reasonable structural layout and high operational reliability.

Impeller

Staggered, twisted, adjustable impeller, U concave outlet, small hydraulic pulse, small vibration, small impact loss, ensure hydraulic efficiency.

Casing

The enveloping design of tendons and veins has strong pressure bearing capacity, full of power sense, and is durable.

Bearing Body

Upper and lower semi-veined bearing body, grease and thin oil lubrication universal self-cooling structure. Double bearing capacity, accurate size, easy maintenance and disassembly.

Sealing Ring

Widened sealing ring structure, effectively reduce the leakage of high pressure water into the low pressure chamber, reduce volume loss, and ensure volume efficiency.

Casing

Semi-center support structure from the design specification of petrochemical pump, anti-vibration and noise reduction, stable and reliable operation.

Support

Concave support steel welded bearing has the advantages of impact resistance, good toughness, satisfying the load requirements of the unit under multiple working conditions, convenient installation and maintenance, and effectively avoiding the vibration phenomenon caused by the defects such as sand inclusion, shrinkage hole and crack in the casting base.

Shaft Seal Parts

The packing and mechanical seal can be interchanged to reduce maintenance cost and production loss; The design of visual mesh protective cover can not only observe the operation of shaft seal, but also effectively prevent the damage caused by sudden accidents; The pump can also be installed in the open air to prevent rain.

KQSN-W Pump Product Structural Diagram and Characteristics

Impeller

- ※ Adopts the most advanced Bladegen CFD technology for internal flow field, so that the fully closed bidirectional fluid pulse precision casting impeller after hydraulic balance and dynamic balance is fully matched with the body, with less turbulence and backflow, which ensures that the pump has efficient and stable performance in the full performance range, and reduces the operation and maintenance cost.

Volute

- ※ Accurate geometric design of suction chamber and blade, vortex analysis of flow field, improve hydraulic efficiency, and reduce NPSH_r value.
- ※ Part of the middle and high lift pump pressure chamber adopts the compensating double volute design, which eliminates the radial force acting on the shaft, prolongs the service life of the machine seal and the bearing, and ensures the pump to run quietly and smoothly in the whole operation range.
- ※ Through the CAE finite element analysis of internal stress, check the pressure boundary, stable pressure durable, long life.

Bearing

- ※ Decrease lubricated rolling bearing, easy maintenance.
- ※ Famous brand heavy load bearing, the shortest bearing span and thickened shaft diameter to ensure that the bearing life of more than 50,000 hours.

Inlet Baffle

- ※ Unique integral casting inlet baffle guides the fluid to flow to the impeller inlet more centrally, and the internal fluid is gradually accelerated to suppress the eddy current, ensuring the quiet and stable operation.

Shaft Seal

- ※ Various mechanical seals and packing seals are available for the pump to meet the application requirements.
- ※ External flushing can be adjusted pipeline to ensure the flushing of the shaft seal mating surface and lubrication of the shaft sleeve.
- ※ The replaceable modular bushings are available in a variety of materials. They are installed on the shaft to protect the shaft from wear.

Bearing Body

- ※ Unique design of bearing body and pump body pump cover adopts disc flange connection, ensure the precise positioning of bearing and machine seal, prolong the life of machine seal and bearing, compared with the traditional double suction pump, its rigidity has been significantly improved, stable operation, small vibration, low noise.
- ※ Pump body, pump cover, bearing parts of the overall structure is elegant and generous, integrated.

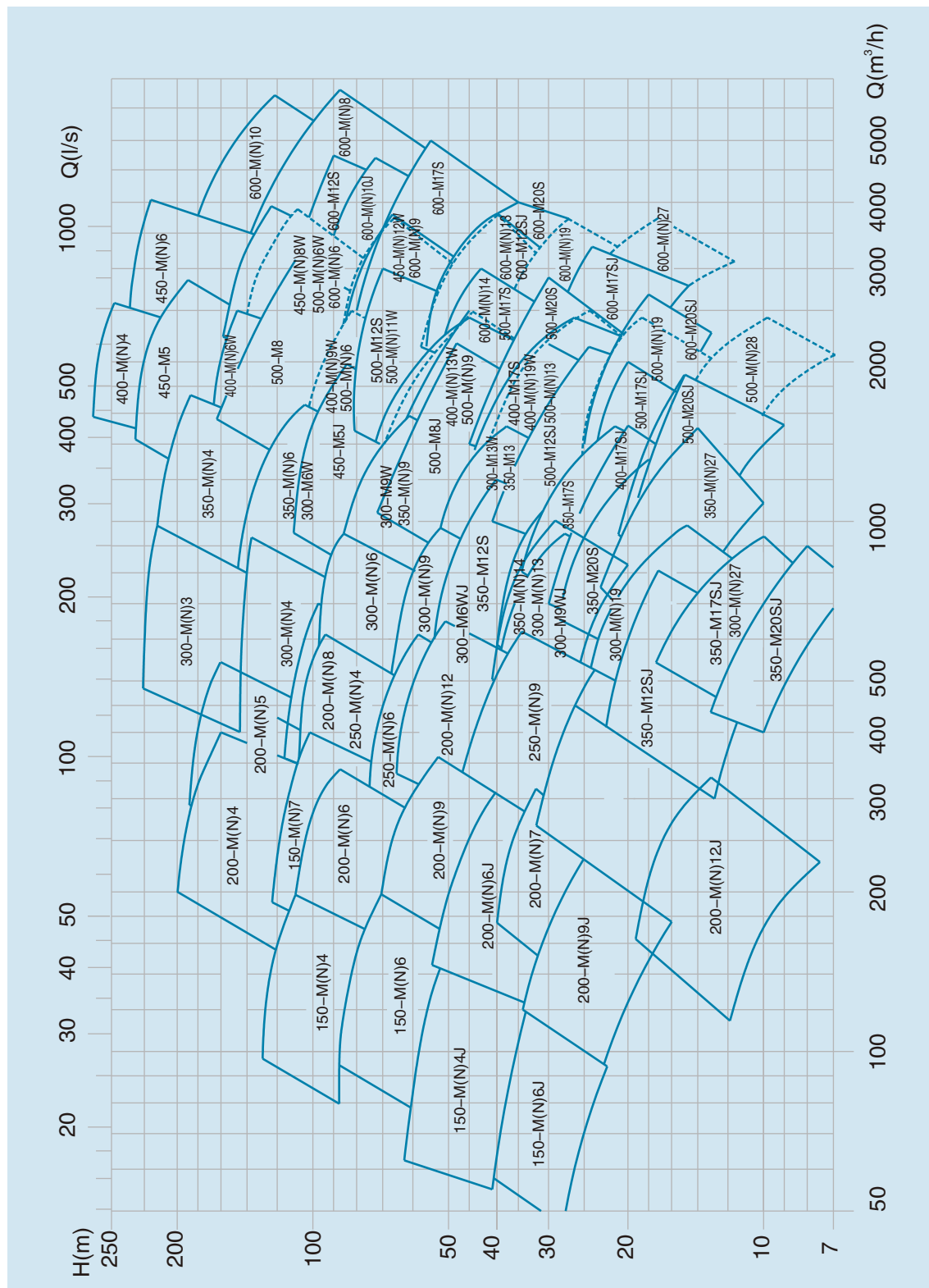
Sealing Ring

- ※ The replaceable seal ring protects the pump body from wear and tear, and through simple adjustment of appropriate clearance, reduces maintenance costs and keeps the pump running efficiently.

Large water pump unit installed directly on the concrete foundation, smooth operation
(It is suggested to bury a separate iron block in each anchor bolt position to facilitate maintenance and adjustment)

KQSN Double Suction Pump Comprehensive Characteristic Curve Charts

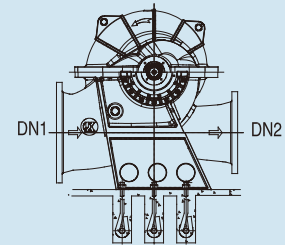
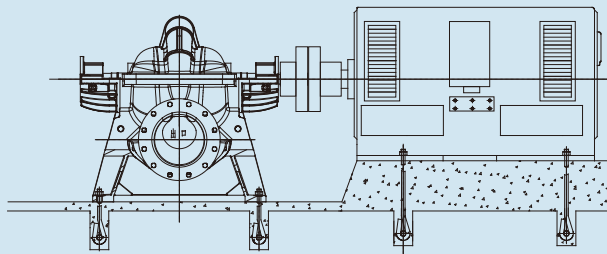
KQSN-S/W double suction pump comprehensive characteristic curve charts



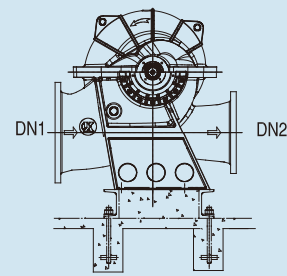
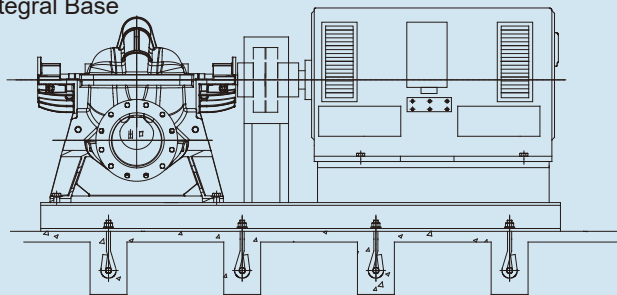
The performance parameters are suitable for the density of 1kg/dm^3 and viscosity is not greater than $20\text{mm}^2/\text{s}$ medium

KQSN Type Pump Installation Methods

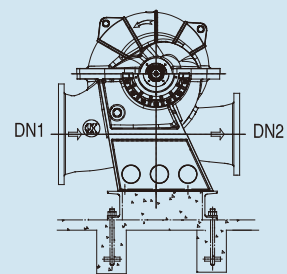
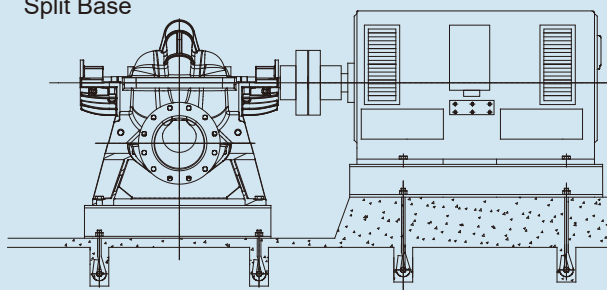
Direct Installation



Integral Base



Split Base



KQSN Structural Model			
KQSN150-M(N) 4	KQSN150-M(N) 6	KQSN150-M(N) 7	KQSN200-M(N) 4
KQSN200-M(N) 5	KQSN200-M(N) 6	KQSN200-M(N) 7	KQSN200-M(N) 8
KQSN200-M(N) 9	KQSN200-M(N) 12	KQSN250-M(N) 4	KQSN250-M(N) 6
KQSN250-M(N) 9	KQSN300-M(N) 3	KQSN300-M(N) 4	KQSN300-M(N) 6
KQSN300-M(N) 9	KQSN300-M(N) 13	KQSN300-M(N) 19	KQSN300-M(N) 27
KQSN350-M(N) 4	KQSN350-M(N) 6	KQSN350-M(N) 9	KQSN350-M(N) 13
KQSN350-M(N) 14	KQSN350-M(N) 27	KQSN400-M(N) 4	KQSN450-M(N) 6
KQSN450-M5(J)	KQSN500-M(N) 6	KQSN500-M8(J)	KQSN500-M(N) 9
KQSN500-M(N)13	KQSN500-M(N) 19	KQSN500-M(N) 28	KQSN600-M(N) 6
KQSN600-M(N) 8	KQSN600-M(N) 9	KQSN600-M10(J)	KQSN600-M13(J)
KQSN600-M(N) 14	KQSN600-M(N) 19	KQSN600-M(N) 27	
KQSN-S Structural Model			
KQSN350-M12S(J)	KQSN350-M17S(J)	KQSN350-M20S(J)	KQSN400-M17S(J)
KQSN500-M12S(J)	KQSN500-M17S(J)	KQSN500-M20S(J)	KQSN600-M12S(J)
KQSN600-M17S(J)	KQSN600-M20S(J)		
KQSN-W Structural Model			
KQSN300-M6W(J)	KQSN300-M9W(J)	KQSN300-M13W(J)	KQSN400-M(N) 6W
KQSN400-M(N) 9W	KQSN400-M(N) 13W	KQSN400-M(N) 19W	KQSN450-M(N) 8W
KQSN450-M(N) 12W	KQSN500-M(N) 6W	KQSN500-M(N) 11W	

Material Selection Table and Supply Range of Main Parts

Material configuration table of double suction pump					
No.	Name of parts	Material grade and combination			
		General configuration	Medium configuration	Advanced configuration	Special configuration
1	Casing	HT/QT	ZG	As cast 304/316/316L	Double phase steel (selected according to actual medium)
2	Impeller	20Cr13		As cast 304/316/316L	
3	Sealing ring	HT	ZG/20Cr13	As cast 304/316	
4	Shaft	40Cr		20Cr13	
5	Bearing body / Bearing gland	HT			
6	Sealing body	HT/QT	ZG	As cast 304/316/316L	
7	Coupling	HT		Diaphragm coupling	
8	Bearing	20Cr13/304		316	
9	Mechanical seal gland	QT		304/316	
10	Packing gland	HT	ZG	As cast 304/316	
11	Packing ring	HT		304	
12	Bearing sleeve	45		As cast 304	
13	Bearing	SKF/FAG			
14	Mechanical seal	Burgmann/John Crane			
Notice: 1. The minimum configuration of the following models of casing is QT (KQSN200-M4, KQSN200-M5, KQSN300-M3, KQSN300-M4, KQSN300-M3, KQSN300-M4, KQSN300-M6W, KQSN350-M4, KQSN350-M6, KQSN400-M4, KQSN400-M6W, KQSN450-M6, KQSN450-M8W, KQSN450-M9, KQSN500-M6W, KQSN600-M6, KQSN600-M10, KQSN700-M6, KQSN700-M17s, 900 and above); 2. The above configuration is conventional configuration, special configuration parts material can be provided according to customer requirements, please consult double suction pump technology department for details; 3. This standard will be implemented from July 1, 2019;					

Scope of supply

Pump without coupling, horizontal structure, only primer, packing seal or mechanical seal.

Pay Service: Dilute oil lubricated shaft pads, - Paints/finishes for drinking water,

- Common base for horizontal pump and motor, - Complete set supply of motor
- Material test, - Coupling and coupling guard
- Pressure gauge, - Cyclone separator and pipeline
- Exhaust valve, - Bearing temperature measuring device (PT100)

Notice: when the medium contains impurities or particles, the shaft seal should be connected with flushing water or contact the technical department to determine the relevant scheme.

Please indicate the material of main parts when ordering. If you have special requirements for pumps and motors, you can negotiate with our company about the technical requirements.

Attachment (additional charge)

1 vibration measuring instrument

1 set of sealing pipeline with a cyclone separator (to deal with contaminated fluid),

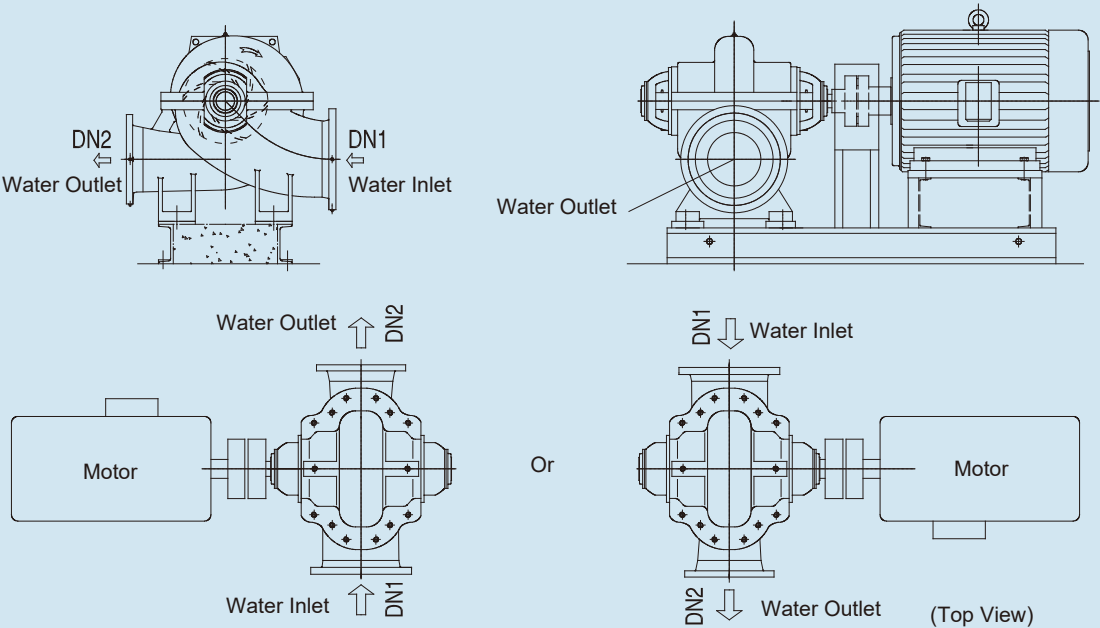
- Including: - Cyclone separator (stainless steel), - Flow meter (stainless steel)
- Globe valve (stainless steel), - Joint and pipe (stainless steel)

1 manual exhaust valve (stainless steel)

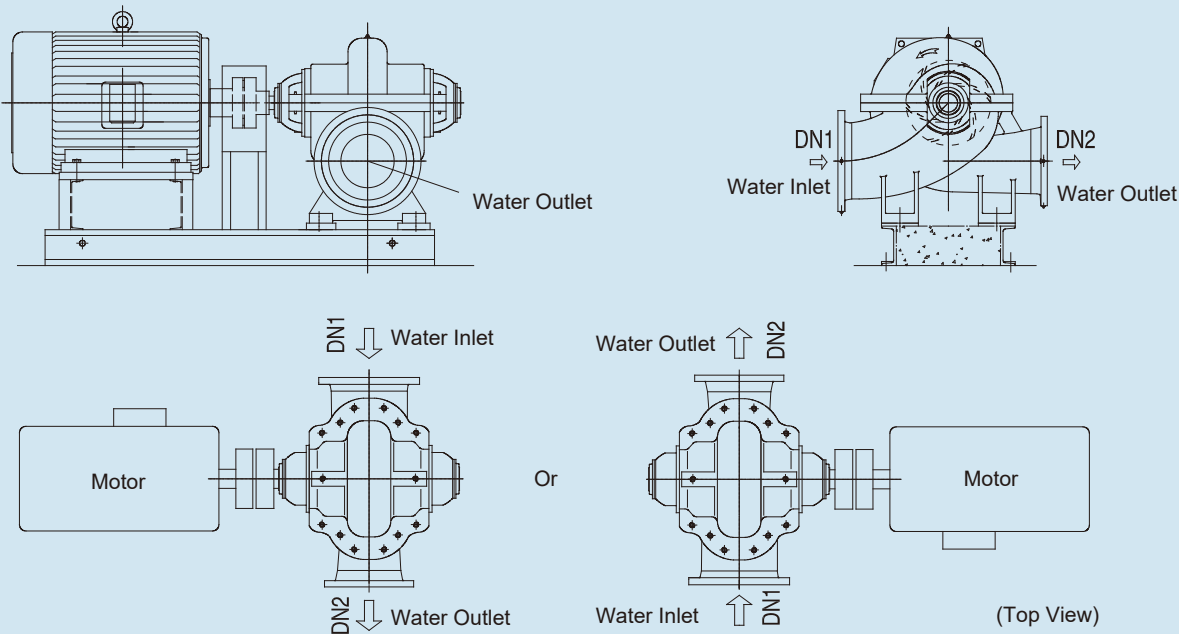
- Including: - Joint

KQSN Type Pump Rotation Direction Determination

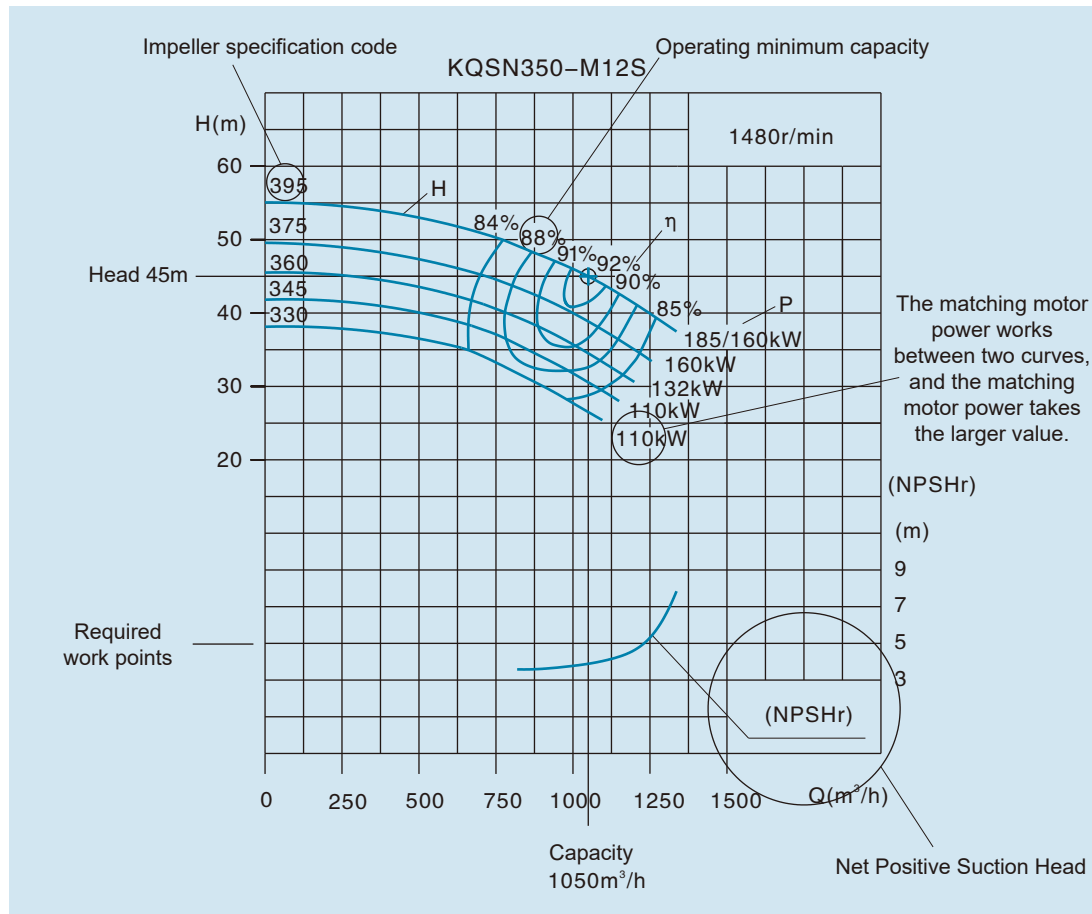
Standard type (from the drive end to the pump, the rotation direction of the pump is clockwise)



F: Special type (from the drive end to the pump, the rotation direction of the pump is counter clockwise)



KQSN Type Pump Performance Curve Description and Ordering Instructions



Ordering instructions

Pump: Various parameters related to the "model meaning" of pump

- Capacity Q, - Head H, - Material combination, - Flange structure
- Shaft seal type, packing seal (soft packing) or mechanical seal
- Grease or thin oil lubricated bearings, - Transported medium and medium temperature
- Rotation direction and motor layout
- Number of required accessories and operation instructions

Motor: (selected by KQ or specified by contract)

- Structural form, - Voltage, Power, Frequency, starting mode, - Protection grade, - Ambient temperature,
- Insulation grade, - Required accessories
- The motor (user provided motor) shall be provided with the external installation dimensions and technical parameters of the matching motor.

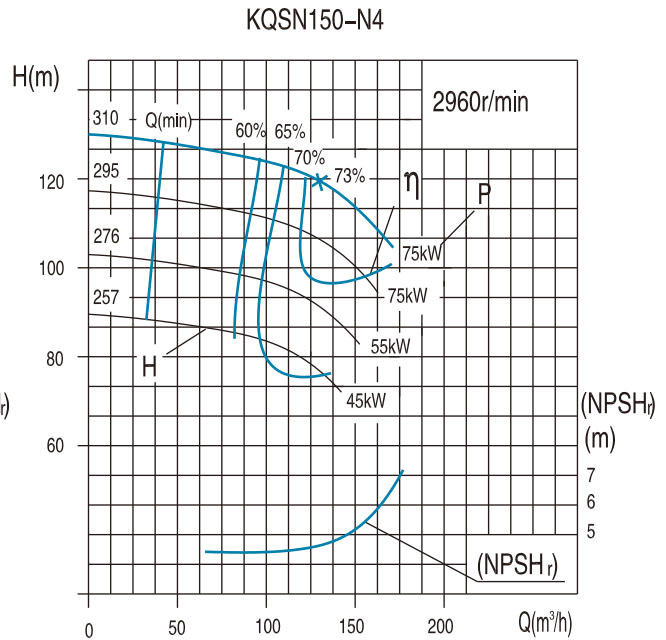
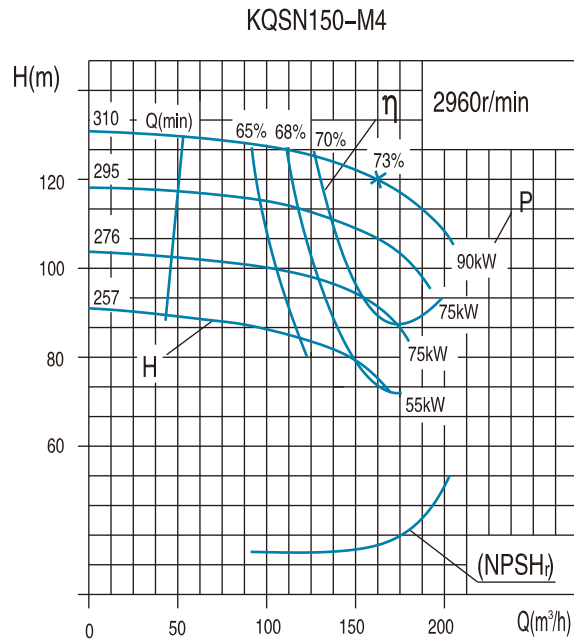
Unit:

- Base form (base, separate, public base)
- Foundation bolts

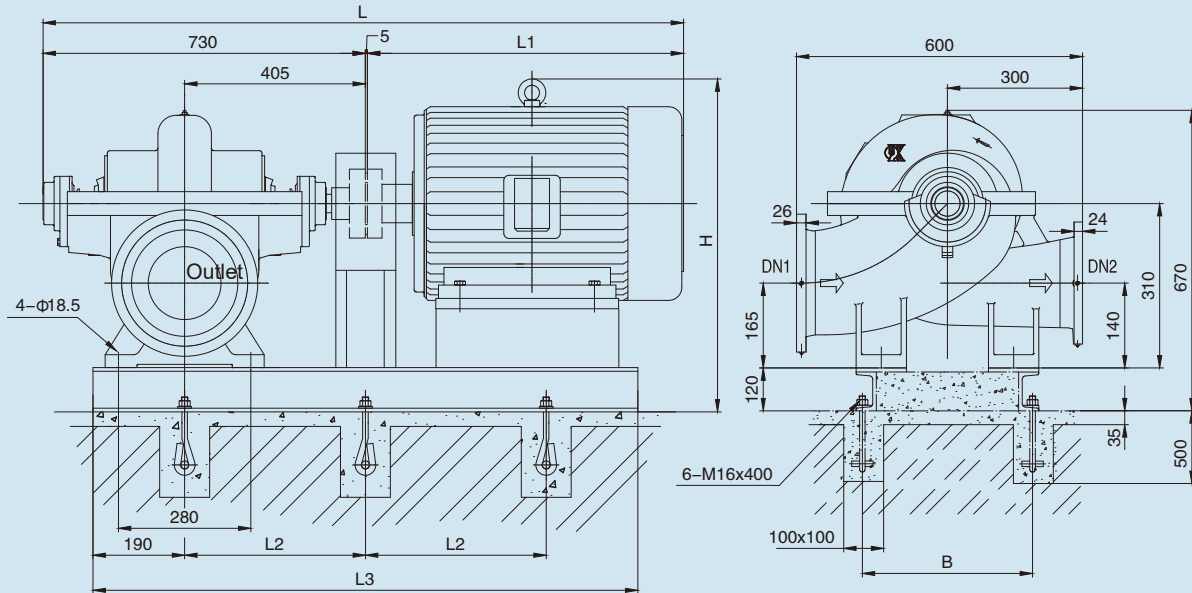
Description of model selection

- △ User's order is not limited by the parameters listed in the sample performance curve and technical data table. The parameters listed in the sample are only the parameters of special typical points for user's reference. Our company can provide products according to the flow and lift working points designed by users.
- △ If the performance parameters are similar, the standard impeller pump type (M type) and high speed pump type are generally preferred.
- △ If the flow and head parameters required by the user are not in the high flow and low head working condition area of the product, the power of the motor can be calculated and determined according to the actual working condition point and reduced appropriately.
- △ If there is any special selection beyond the sample content or there is any ambiguity about the sample content, please consult Shanghai Kaiquan technology center directly.

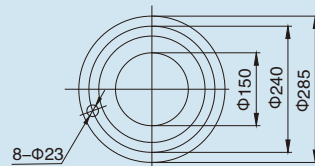
KQSN150-M(N)4 Technical Data



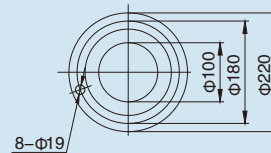
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN150-M4	310	96	26.7	127	2960	51.0	90	65	4.5	208
		160	44.4	120		71.6		73		
		202	56.1	108		82.5		72		
	295	91	25.3	114	2960	45.1	75	63	4.4	206
		152	42.2	108		62.3		72		
		192	53.3	97		72.8		70		
	276	85	23.7	100	2960	38.3	75	61	4.3	204
		142	39.6	95		52.0		71		
		180	49.9	86		61.6		68		
	257	80	22.1	87	2960	32.1	55	59	4.2	202
		131	36.4	83		42.2		70		
		169	46.9	74		51.9		66		
KQSN150-N4	310	81	22.6	123	2960	46.6	75	59	4.5	206
		131	36.4	116		56.8		73		
		171	47.6	106		69.3		71		
	295	77	21.5	111	2960	41.3	75	57	4.4	204
		124	34.6	105		49.3		72		
		163	45.2	96		61.2		69		
	276	72	20.1	97	2960	35.2	55	55	4.3	203
		117	32.4	92		41.1		71		
		153	42.4	84		51.8		67		
	257	68	18.8	85	2960	29.7	45	53	4.2	202
		109	30.2	80		33.8		70		
		142	39.5	73		43.3		65		



Inlet flange DN 1 and outlet flange of discharge taper pipe



Outlet flange DN 2

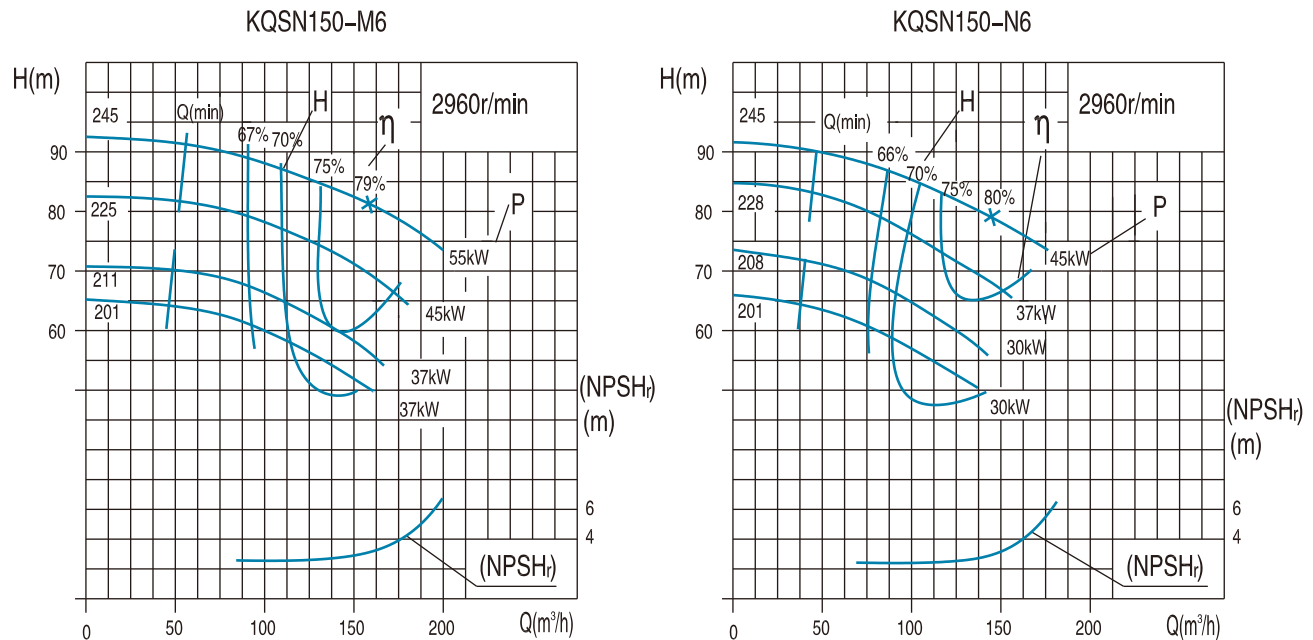


Length of discharge taper pipe E=300

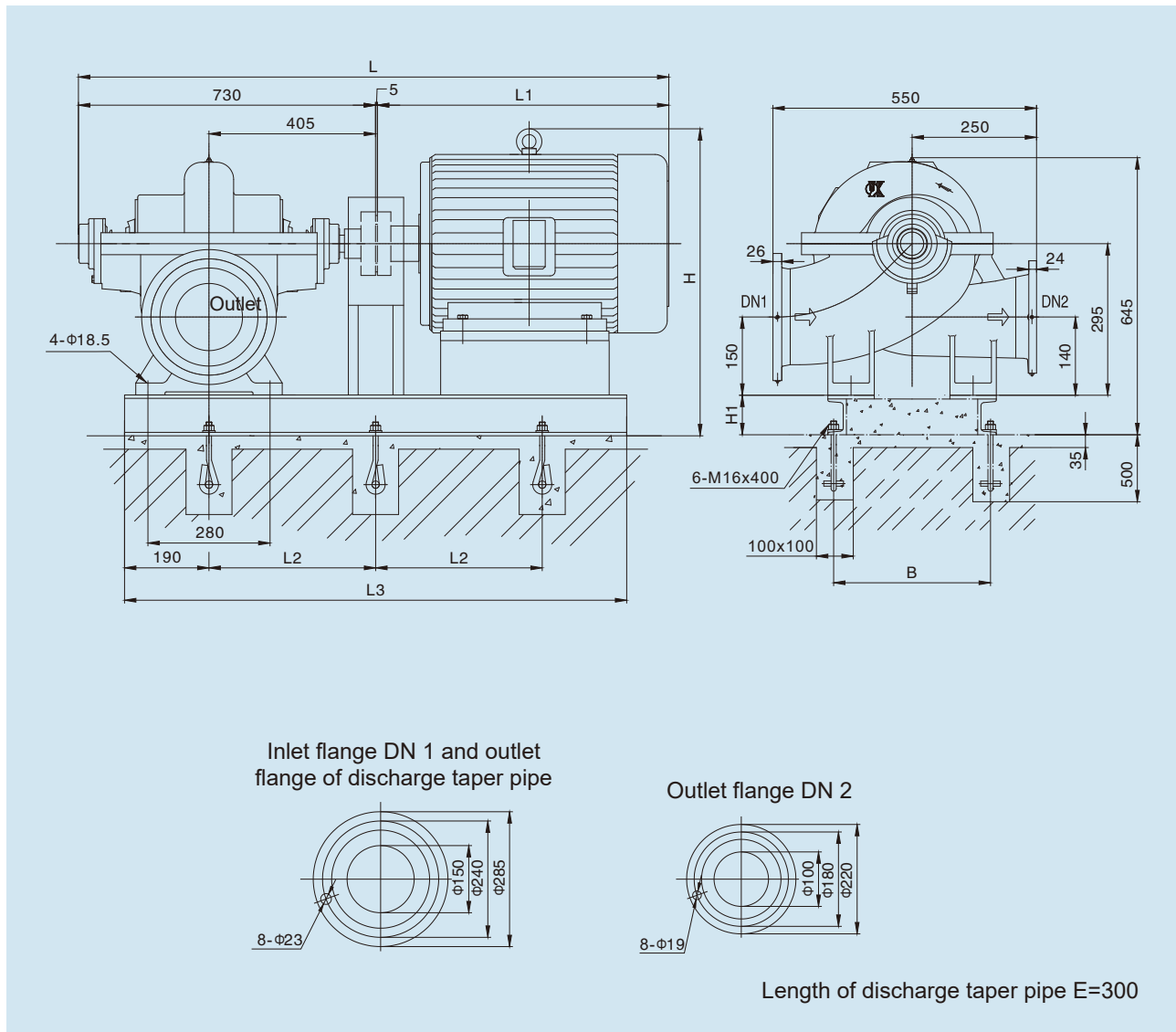
Pump Model	Motor				Dimension mm						Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	Motor	Base
KQSN150-M4/N4	Y280M-2	380	IV	90	1815	1080	535	1450	500	885	545	192
	Y280S-2	380	IV	75	1785	1050	510	1400	500	885	505	190
	Y250M-2	380	IV	55	1695	960	475	1330	450	850	477	188
	Y225M-2	380	IV	45	1616	881	425	1230	400	795	365	184

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN150-M(N)6 Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN150-M6	245	101	28.0	90	2960	37.4	55	66	3.7	188
		168	46.7	83		48.1		79		
		202	56.0	75		54.2		76		
	225	88	24.5	75	2960	28.2	45	64	3.6	185
		155	42.9	70		37.9		78		
		182	50.6	60		40.0		74		
	211	89	24.8	66	2960	25.7	37	62	3.5	182
		144	40.1	61		31.4		77		
		183	50.9	52		36.1		72		
KQSN150-N6	245	90	25.1	60	2960	24.4	37	60	3.4	179
		138	38.3	56		27.5		76		
		184	51.2	47		34.0		70		
	228	87	24.2	87	2960	34.7	45	59	3.5	185
		145	40.3	78		38.5		80		
		174	48.3	74		45.2		77		
	208	81	22.5	75	2960	28.9	37	57	3.4	182
		135	37.5	67		31.4		79		
		162	45.0	64		36.9		76		
KQSN150-N6	201	74	20.5	63	2960	22.9	30	55	3.3	179
		123	34.2	56		24.3		78		
		148	41.1	53		28.9		74		
	201	71	19.8	59	2960	21.3	30	53	3.2	176
		119	33.0	52		22.1		77		
		143	39.6	49		26.7		72		

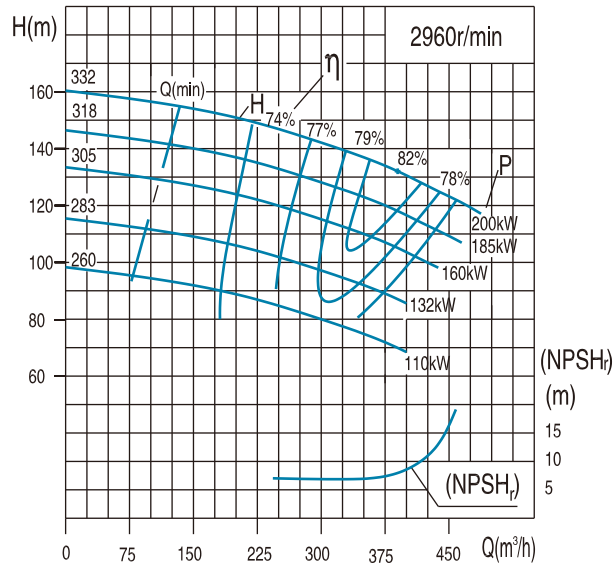


Pump Model	Motor				Dimension mm							Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	Motor	Base
KQSN150-M6/N6	Y250M-2	380	IV	55	1695	960	475	1330	450	835	120	477	158
	Y225M-2	380	IV	45	1616	881	425	1230	400	780	120	365	156
	Y200L2-2	380	IV	37	1590	855	410	1200	350	735	100	311	154
	Y200L1-2	380	IV	30	1590	855	410	1200	350	735	100	293	154

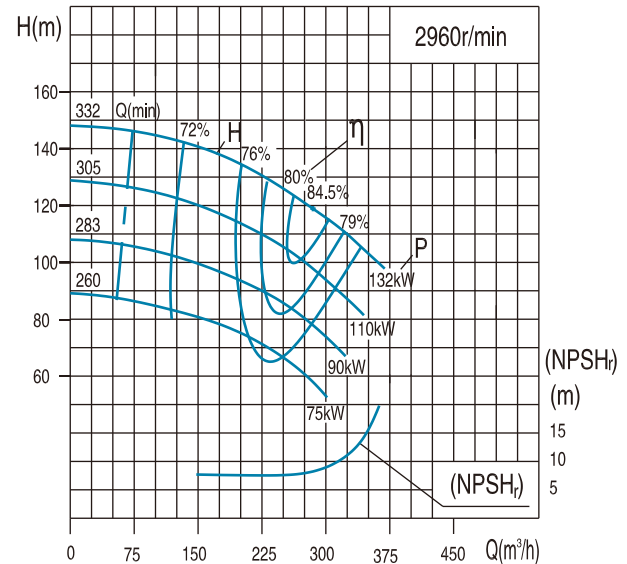
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN150-M(N)7 Technical Data

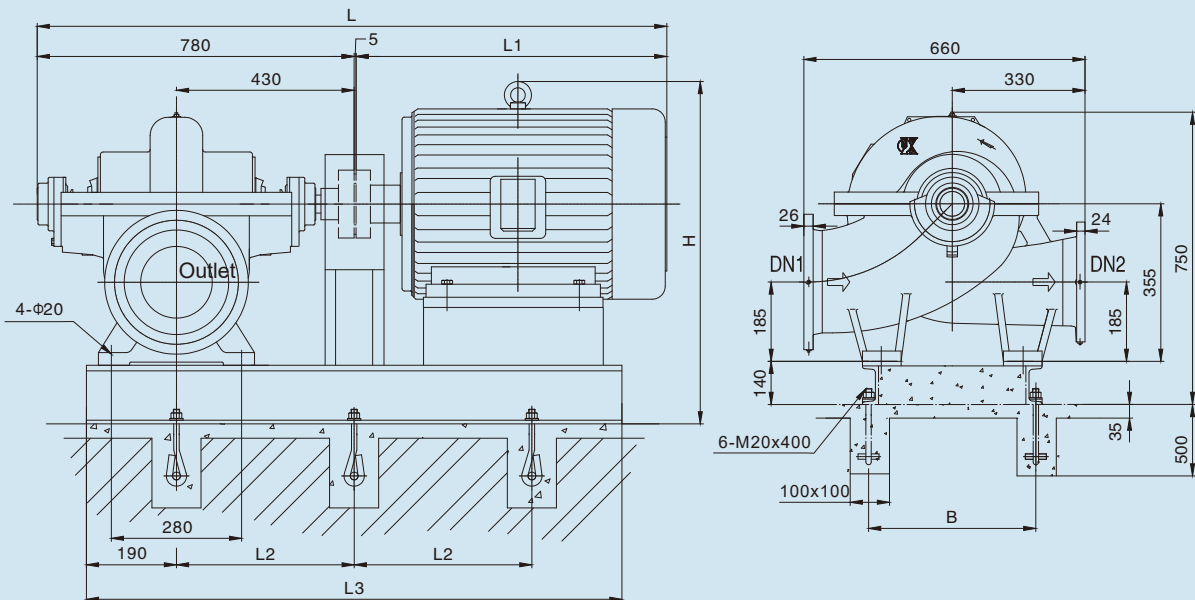
KQSN150-M7



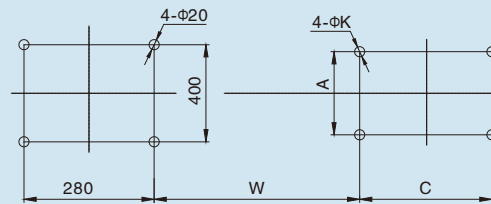
KQSN150-N7



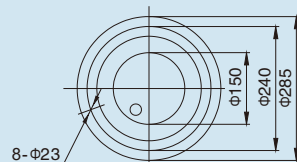
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN150-M7	332	234	65.0	146	2960	122.4	200	76.0	7.2	234
		390	108.3	132		171.0		82.0		
		468	130.0	108		174.2		79		
	318	224	62.3	135	2960	108.4	185	76	7.0	233
		374	103.8	121		152.1		81		
		448	124.5	98		153.4		78		
	305	215	59.7	120	2960	96.2	160	73.0	6.8	232
		358	99.5	111		135.9		80		
		430	119.4	85		129.3		77.0		
	283	199	55.4	104	2960	76.3	132	74.0	6.6	231
		332	92.3	96		109.9		79.0		
		399	110.8	74		103.1		78		
	260	183	50.9	88	2960	58.6	110	75.0	6.4	230
		305	84.8	81		86.3		78.0		
		367	101.8	64		83.0		77		
KQSN150-N7	332	171	47.5	137	2960	82.9	132	77	7.1	233
		285	79.2	120		110.2		84.5		
		342	95.0	105		122.2		80		
	305	159	44.2	118	2960	63.1	110	81	6.9	232
		265	73.6	103		89.0		83.5		
		318	88.3	89		94.0		82		
	283	150	41.7	99	2960	50.6	90	80	6.7	231
		250	69.4	84		69.3		82.5		
		300	83.3	74		74.6		81		
	260	140	39.0	81	2960	39.2	75	79	6.5	230
		234	65.0	69		54.0		81.5		
		281	78.0	59		56.4		80		



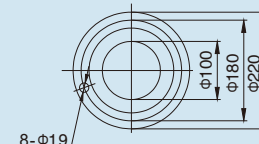
Installation foundation dimension without base:



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

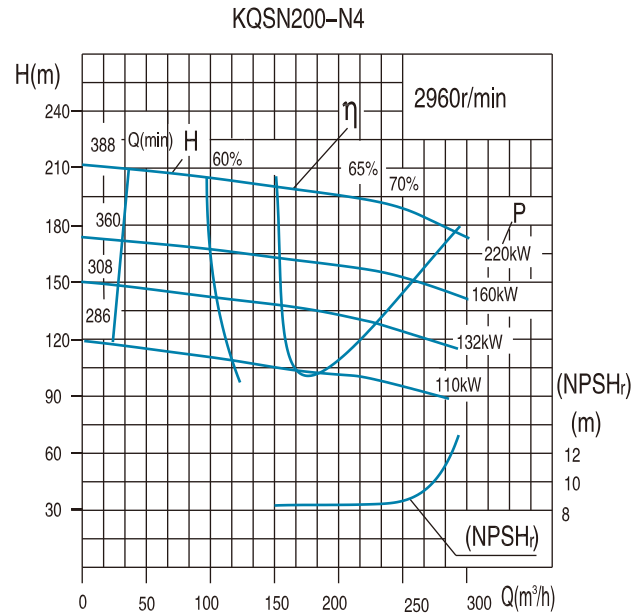
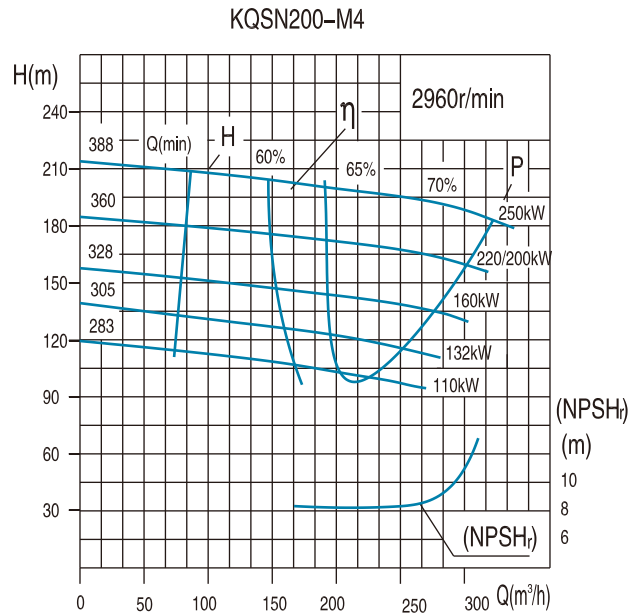


Length of discharge taper pipe E=300

Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN150-M7/N7	Y315L2-2	380	IV	200	2140	1355	600	1599	600	1050	651	508	508	28	1219	289
	Y355S1-2	380	IV	185	2240	1455	620	1650	680	1100	689	610	500	28	1524	300
	Y315L1-2	380	IV	160	2140	1355	600	1599	600	1050	651	508	508	28	1141	289
	Y315M-2	380	IV	132	2140	1355	580	1538	600	1050	651	508	457	28	1094	285
	Y315S-2	380	IV	110	2011	1226	550	1497	600	1050	651	508	406	28	1001	283
	Y280M-2	380	IV	90	1865	1080	550	1465	500	950	625	457	419	24	545	278
	Y280S-2	380	IV	75	1835	1050	550	1416	500	950	625	457	368	24	505	275

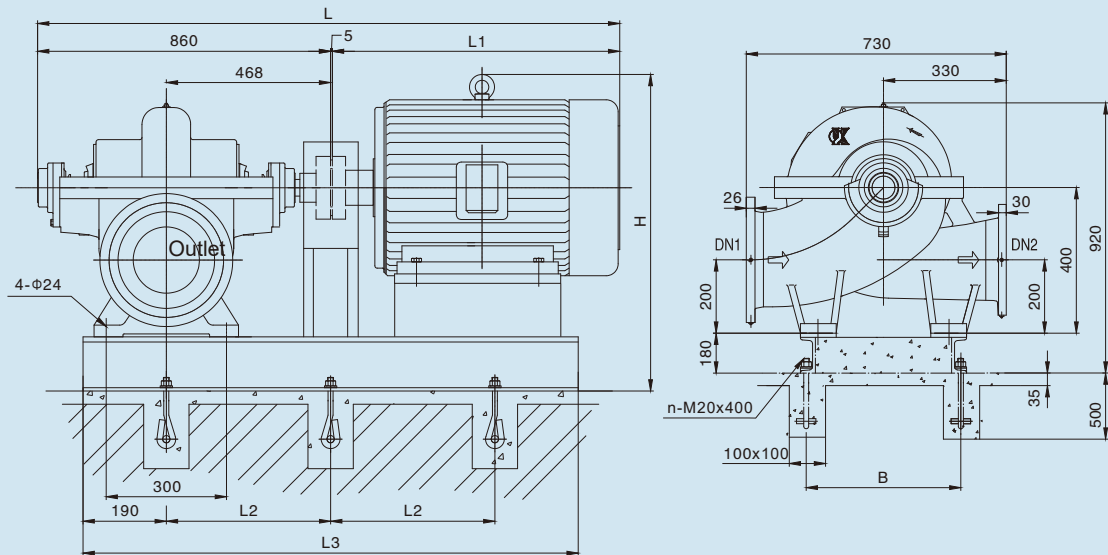
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN200-M(N)4 Technical Data

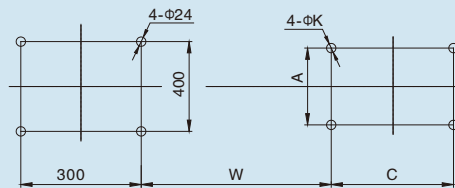


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN200-M4	388	168	46.7	200	2960	145.2	250	63	8.5	369
		280	77.8	193		210.2		70		
		336	93.3	180		245.7		67		
	360	155	43.1	176	2960	121.7	*220/200	61	8.3	365
		258	71.7	165		167.9		69		
		310	86.1	155		195.2		67		
	328	142	39.4	146	2960	95.7	160	59	8.1	361
		236	65.6	138		130.4		68		
	305	132	36.7	131	2960	81.2	132	58	7.9	359
		220	61.1	120		107.3		67		
KQSN200-N4	388	143	39.7	196	2960	123.1	220	62	8.3	368
		238	66.1	190		175.9		70		
		285	79.2	176		206.9		66		
	360	124	34.4	172	2960	96.8	160	60	8.1	363
		208	57.8	160		131.3		69		
		250	69.4	151		158.1		65		
	328	156	43.3	136	2960	99.6	132	58	7.9	359
		196	54.4	133		104.4		68		
	286	114	31.7	109	2960	60.4	110	56	7.7	356
		190	52.8	102		78.7		67		
		224	62.2	98		98.0		61		

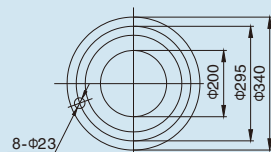
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



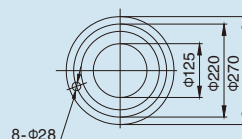
Installation foundation dimension without base:



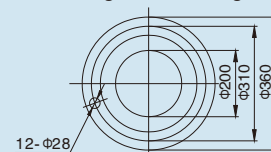
Inlet flange DN 1



Outlet flange DN 2



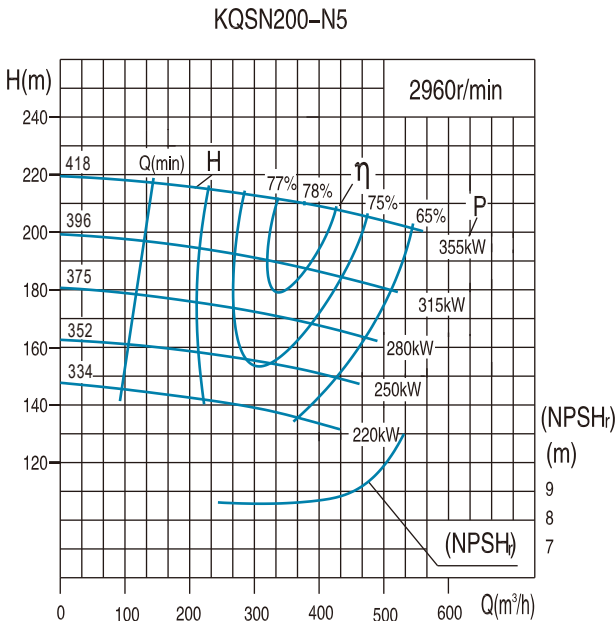
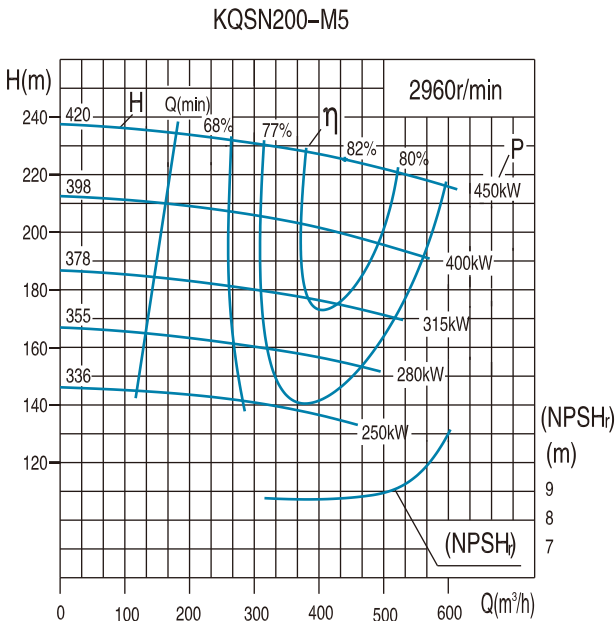
Outlet flange of discharge taper pipe



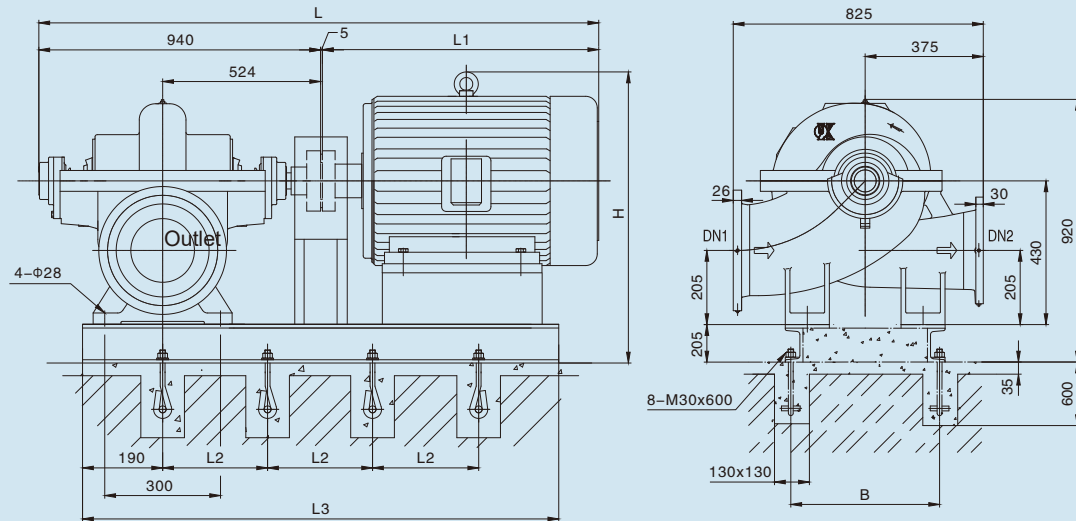
Length of discharge taper pipe E=375

Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN200-M4/N4	Y450-2	10000	I / II	200~250	2865	2000	730	2565	920	1500	893	800	1120	35	2950	295	8
	Y355-2	6000	I / II	200~250	2735	1870	650	2325	720	1400	808	630	900	28	2050	280	8
	Y355M2-2	380	IV	250	2320	1455	650	1735	645	1185	717	610	560	28	1717	268	6
	Y355M1-2	380	IV	220	2320	1455	650	1735	645	1185	717	610	560	28	1619	268	6
	Y315L2-2	380	IV	200	2220	1355	640	1655	520	1135	679	508	508	28	1219	261	6
	Y315L1-2	380	IV	160	2220	1355	640	1655	520	1135	679	508	508	28	1141	261	6
	Y315M-2	380	IV	132	2220	1355	610	1580	520	1135	679	508	457	28	1094	256	6
	Y315S-2	380	IV	110	2091	1226	570	1530	520	1135	679	508	406	28	1001	251	6

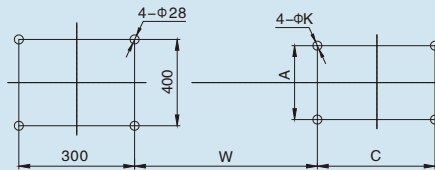
KQSN200-M(N)5 Technical Data



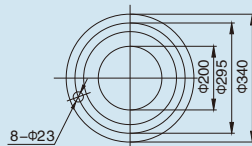
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN200-M5	420	264	73.3	232	2960	245.3	450	68	8.9	425
		440	122.2	225		328.8		82		
		528	146.7	220		410.8		77		
	398	250	69.4	208	2960	211.4	400	67	8.7	420
		416	115.6	201		279.6		81.5		
		499	138.6	196		351.4		76		
	378	234	65.0	182	2960	176.0	315	66	8.5	415
		390	108.3	177		231.8		81		
		468	130.0	173		293.7		75		
	355	221	61.4	163	2960	150.5	280	65	8.3	410
		368	102.2	157		195.9		80.5		
		442	122.8	154		250.8		74		
KQSN200-N5	418	225	62.5	216	2960	206.8	355	64	8.7	420
		375	104.2	210		274.9		78		
		450	125.0	206		345.8		73		
	396	214	59.4	195	2960	180.8	315	63	8.5	415
		356	98.9	189		238.3		77		
		427	118.6	185		299.6		72		
	375	203	56.4	176	2960	156.8	280	62	8.3	410
		338	93.9	171		206.6		76		
		406	112.8	168		261.1		71		
	352	193	53.6	159	2960	136.9	250	61	8.1	405
		321	89.2	154		179.4		75		
		385	106.9	151		225.9		70		
	334	183	50.8	143	2960	118.7	220	60	7.9	400
		305	84.7	139		155.9		74		
		366	101.7	136		196.8		69		



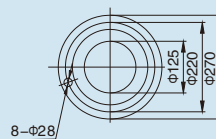
Installation foundation dimension without base:



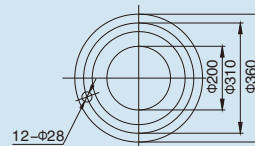
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

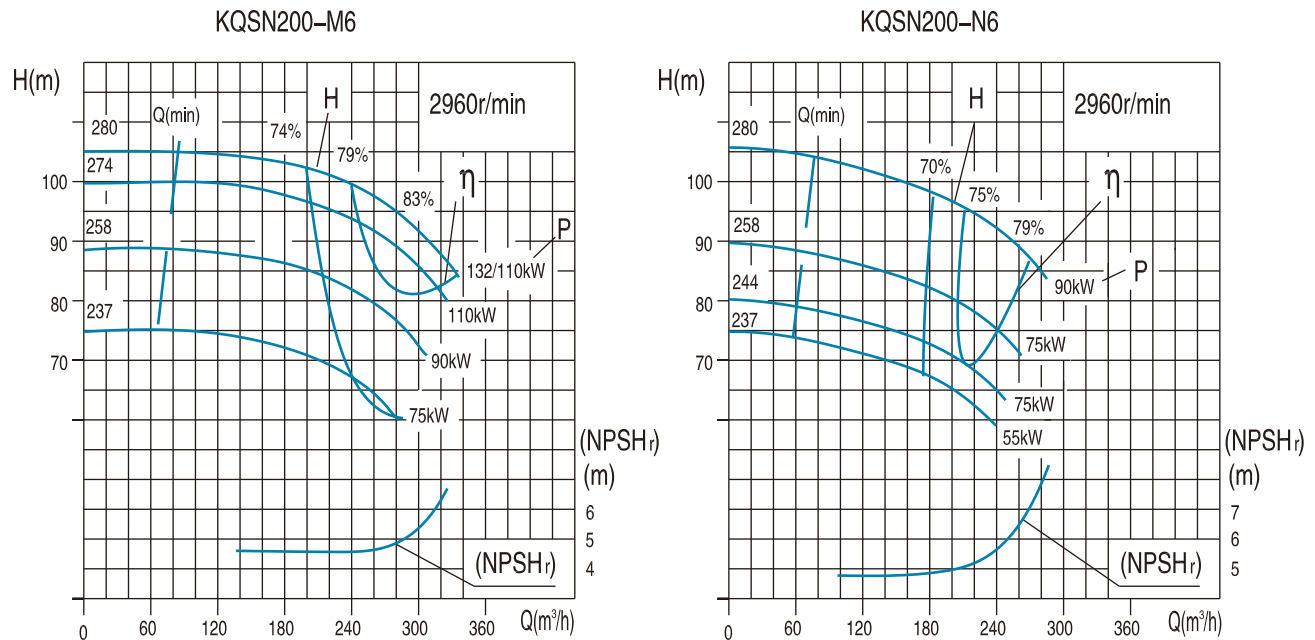


Length of discharge taper pipe E=375

Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN200-M5/N5	Y400-2	6000	I	450	2825	1880	700	2530	840	1415	924	710	1000	35	2800	305
	Y355-2	6000	I	220~400	2695	1750	660	2400	720	1340	864	630	900	28	2260	298
	Y450-2	10000	I	220~450	2945	2000	750	2650	920	1525	949	800	1120	35	3290	315
	Y355L2-2	380	IV	315	2520	1575	520	1950	680	1240	773	610	630	28	1980	302
	Y355L1-2	380	IV	280	2520	1575	520	1950	680	1240	773	610	630	28	1812	302
	Y355M2-2	380	IV	250	2400	1455	460	1880	680	1240	773	610	560	28	1717	295
	Y355M1-2	380	IV	220	2400	1455	460	1880	680	1240	773	610	560	28	1619	295

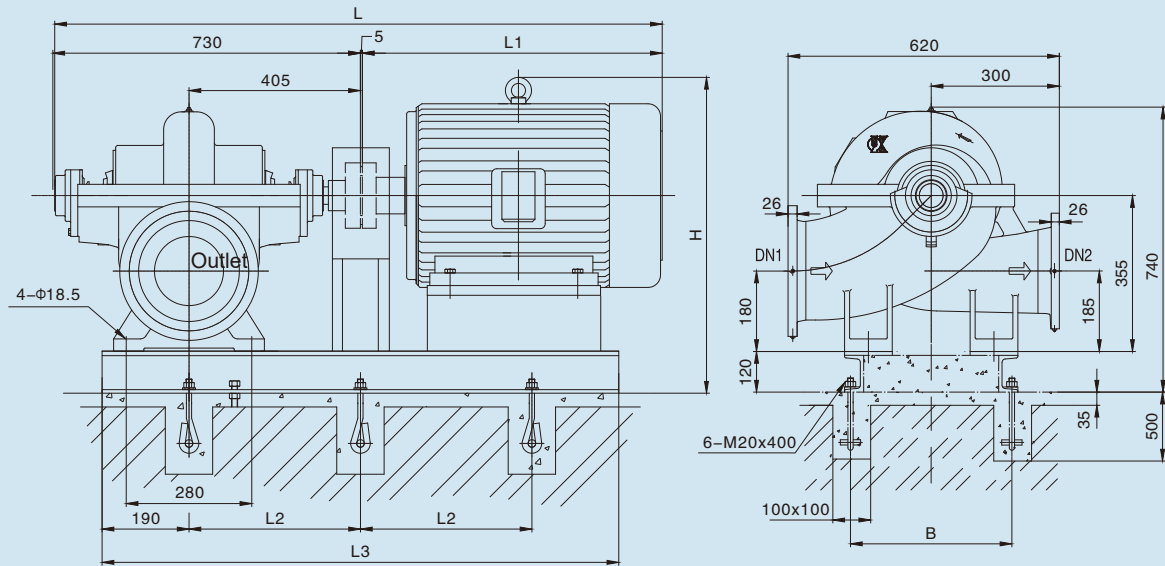
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN200-M(N)6 Technical Data

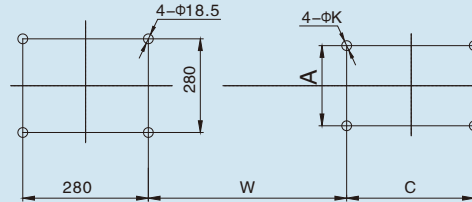


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN200-M6	280	168	46.7	105	2960	75.1	*132/110	64	4.7	240
		280	77.8	95		87.3		83		
		326	93.3	85		96.3		78		
	274	163	45.3	98	2960	70.2	110	62	4.6	239
		272	75.4	90		81.2		82		
		326	90.5	80		92.9		76		
	258	154	42.7	87	2960	60.9	90	60	4.5	237
		256	71.2	80		69.0		81		
		307	85.4	71		80.1		74		
	237	141	39.2	74	2960	48.7	75	58	4.4	235
		235	65.3	67		54.0		80		
		282	78.4	60		63.7		72		
KQSN200-N6	280	143	39.6	102	2960	68.5	90	58	5.8	238
		238	66.0	92		75.3		79.0		
		285	79.2	83		83.3		77		
	258	131	36.4	86	2960	55.3	75	56	5.6	236
		219	60.8	78		59.4		78		
		262	72.8	70		66.6		75		
	244	124	34.4	77	2960	48.5	75	54	5.4	234
		207	57.5	70		50.2		78.0		
		248	68.9	63		57.9		73		
	237	120	33.3	72	2960	45.3	55	52	5.2	233
		200	55.4	64		45.2		77		
		239	66.5	57		55.4		67		

Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.

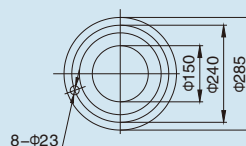
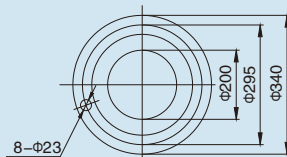


Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe

Outlet flange DN 2



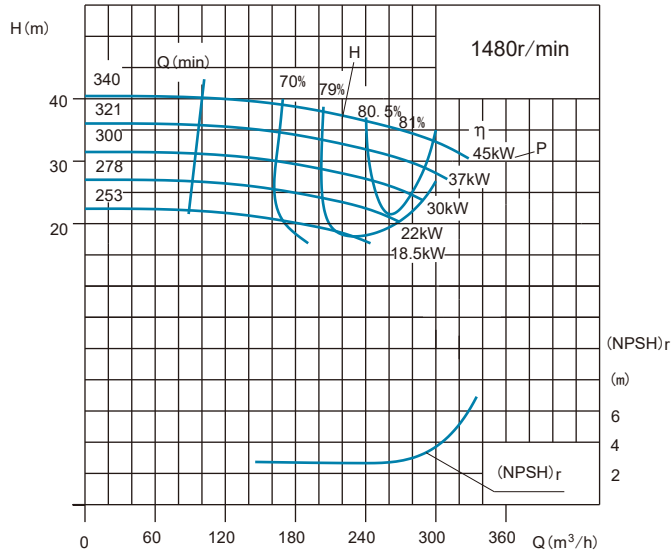
Length of discharge taper pipe E=375

Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN200-M6/N6	Y315M-2	132	IV	132	2090	1355	580	1540	600	1030	626	508	457	28	1094	211
	Y315S-2	110	IV	110	1961	1226	580	1540	600	1030	626	508	406	28	1001	211
	Y280M-2	90	IV	90	1815	1080	535	1450	500	930	600	457	419	24	545	209
	Y280S-2	75	IV	75	1785	1050	510	1400	500	930	600	457	368	24	505	207
	Y250M-2	55	IV	55	1695	960	475	1330	450	895	578	406	349	24	477	176

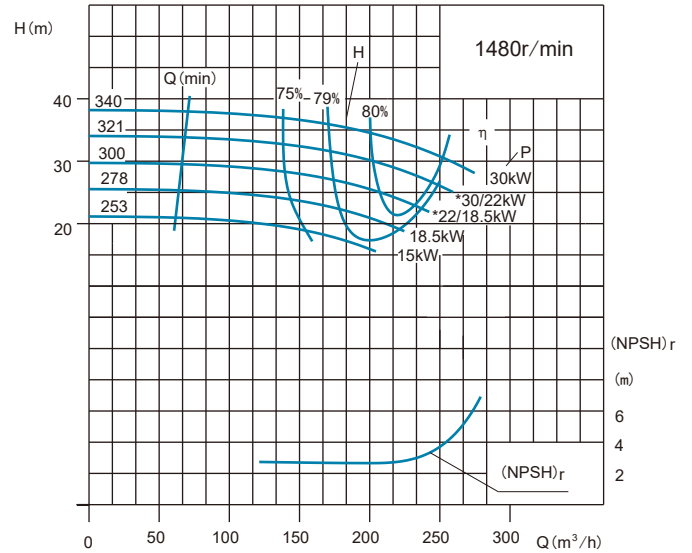
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN200-M(N)7 Technical Data

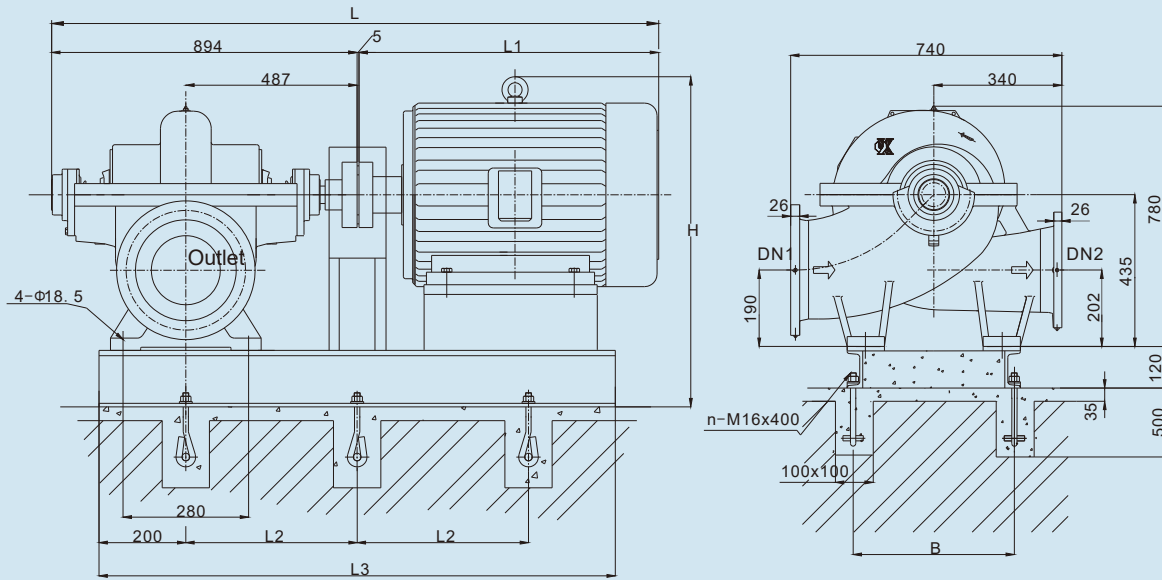
KQSN200-M7



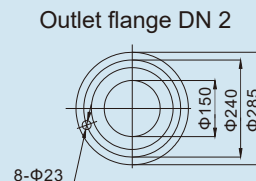
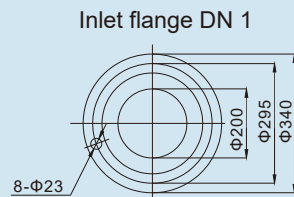
KQSN200-N7



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN200-M7	340	175	49	39	1480	26.6	45	70	2.6	348
		250	69	36		30.3		81		
		313	87	32		35.9		76		
	321	165	46	35	1480	22.6	37	69	2.5	346
		236	65	32		25.7		80		
	300	295	82	28	1480	31.1	30	74	2.4	344
		154	43	30		18.7		68		
		220	61	28		21.3		79		
	278	276	77	25	1480	25.7	22	73	2.3	342
		143	40	26		15.0		67		
KQSN200-N7	340	204	57	24	1480	17.1	18.5	78	2.3	340
		255	71	21		20.7		72		
		130	36	22	1480	11.7	15	65	2.2	340
	321	186	52	20		13.4		76		
		233	65	18		16.2		70		
	300	147	41	37	1480	21.3	30	69	2.5	346
		209	58	34		24.2		80		
		262	73	30		28.7		74		
	321	138	38	32	1480	17.9	*30/22	68	2.4	344
		197	55	30		20.3		79		
KQSN200-M7	340	246	68	26	1480	24.1	*22/18.5	73	2.4	344
		128	36	28		14.6		67		
		183	51	26		16.6		78		
	300	229	64	23	1480	19.7	18.5	72	2.3	342
		101	28	24		10.1	15	65		
		168	47	22		13.5		75		
	278	211	58	19	1480	15.9		69	2.2	340
		107	30	19		8.8		65		
	253	152	42	18	1480	10.0	15	75	2.1	338
		190	53	16		11.8		69		



Installation foundation dimension without base :

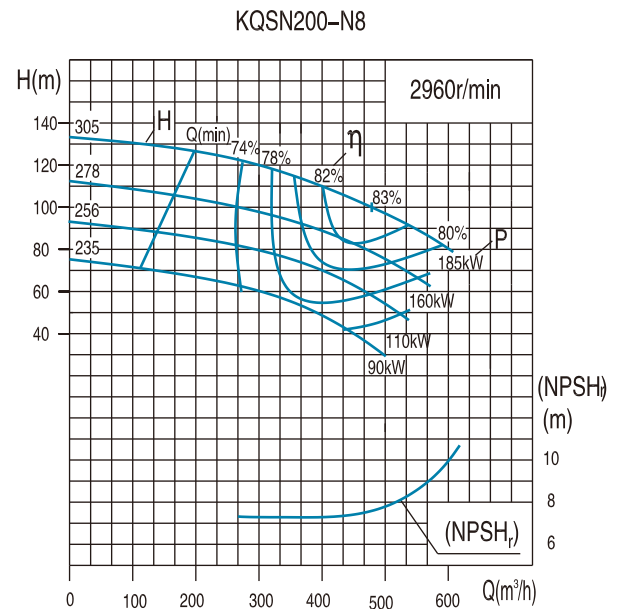
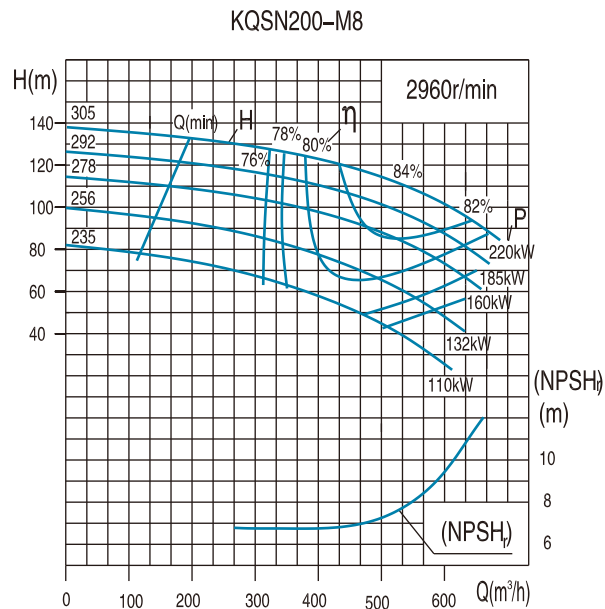


Length of discharge taper pipe is 400

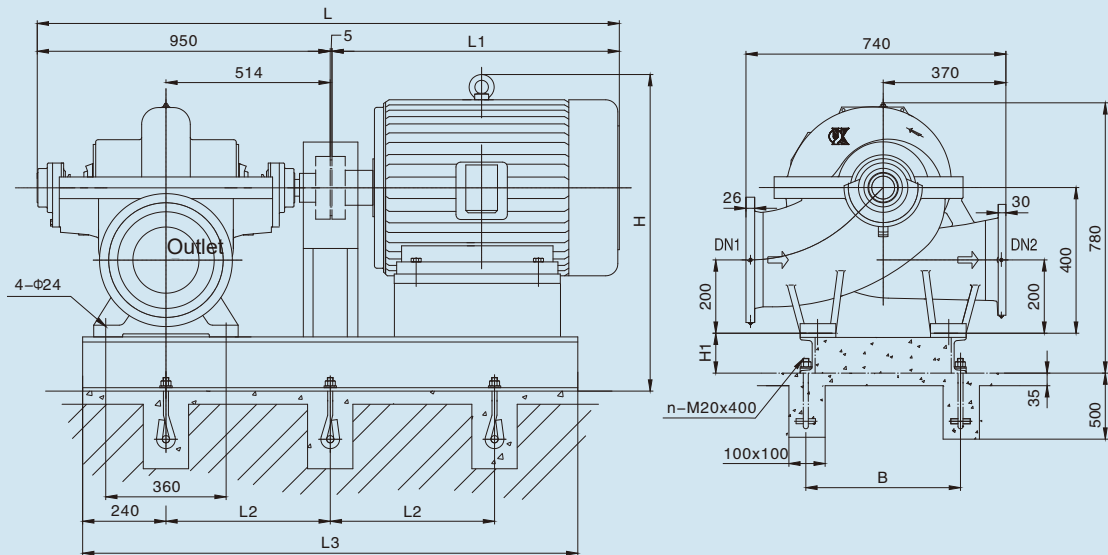
Pump Model	Motor				Dimension mm							Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	n	Motor	Base
KQSN200-M7/N7	Y225M-4	380	IV	45	1810	911	475	1350	450	840	6	375	180
	Y225S-4	380	IV	37	1785	886	475	1350	450	840	6	250	180
	Y200L-4	380	IV	30	1754	855	445	1290	400	815	6	298	165
	Y180L-4	380	IV	22	1674	775	430	1260	360	773	6	233	130
	Y180M-4	380	IV	18.5	1654	755	410	1220	360	773	6	222	130

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

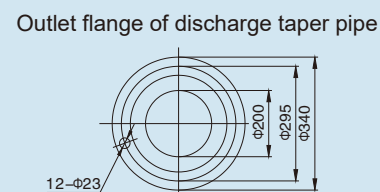
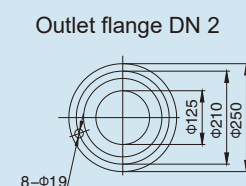
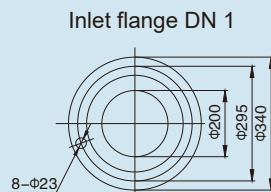
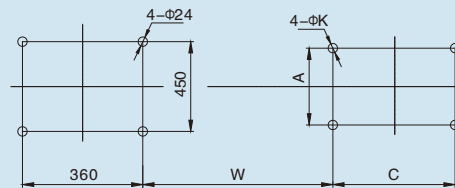
KQSN200-M(N)8 Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN200-M8	305	318	88.3	125	2960	144.3	220	75	7.6	348
		530	147.2	111		190.7		84		
		636	176.7	95		201.9		81.5		
	292	305	84.7	115	2960	129.1	185	74	7.6	347
		508	141.1	100		166.7		83		
		609	169.2	87		178.1		81		
	278	291	80.8	105	2960	112.4	160	74	7.4	346
		485	134.7	88		141.7		82		
		582	161.7	78		153.6		80.5		
	256	263	73.2	89	2960	87.5	132	73	7.2	345
		439	121.9	72		106.3		81.0		
		527	146.3	63		115.9		78		
	235	235	65.3	73	2960	64.9	110	72	7.0	344
		392	108.9	57		76.1		80		
		470	130.7	50		83.2		77		
KQSN200-N8	305	288	80.0	121	2960	126.5	185	75	7.5	346
		480	133.3	100		157.5		83		
		576	160.0	85		166.7		80		
	278	263	73.2	100	2960	96.9	160	74	7.4	345
		439	121.9	84		121.7		82		
		527	146.3	70		127.1		79		
	256	241	66.8	83	2960	74.5	110	73	7.3	344
		401	111.4	70		94.4		81		
		481	133.7	57		98.3		76		
	235	214	59.3	66	2960	53.3	90	72	7.2	343
		356	98.9	55		66.7		80		
		427	118.7	44		69.2		74		



Installation foundation dimension without base :

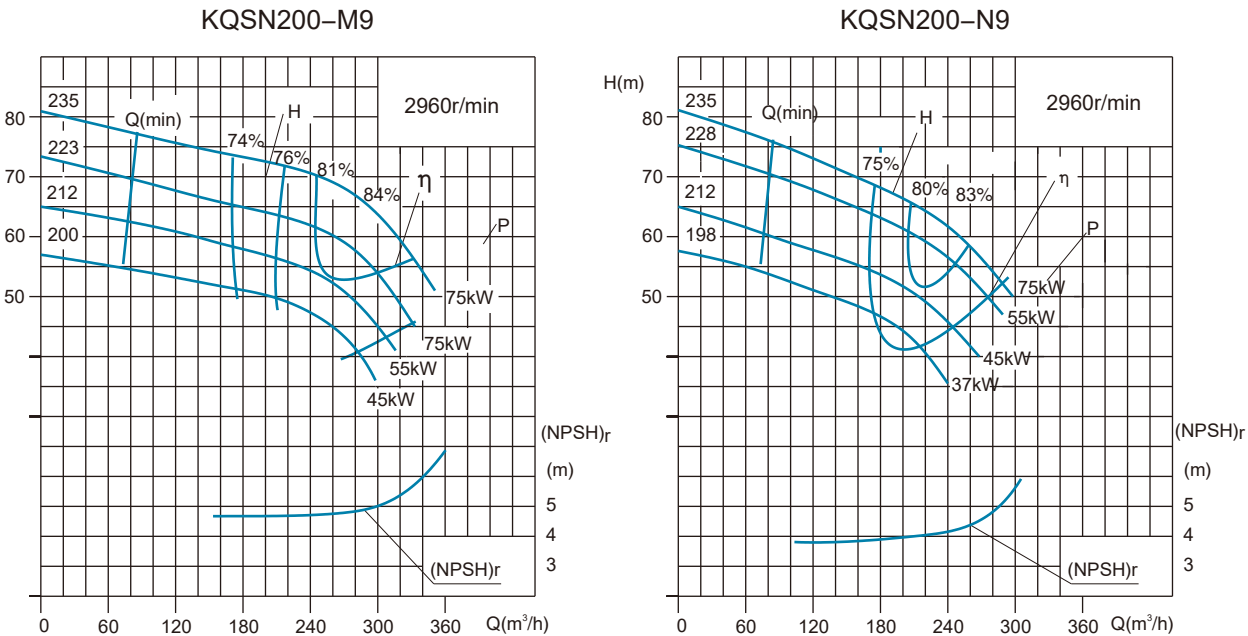


Length of discharge taper pipe E=400

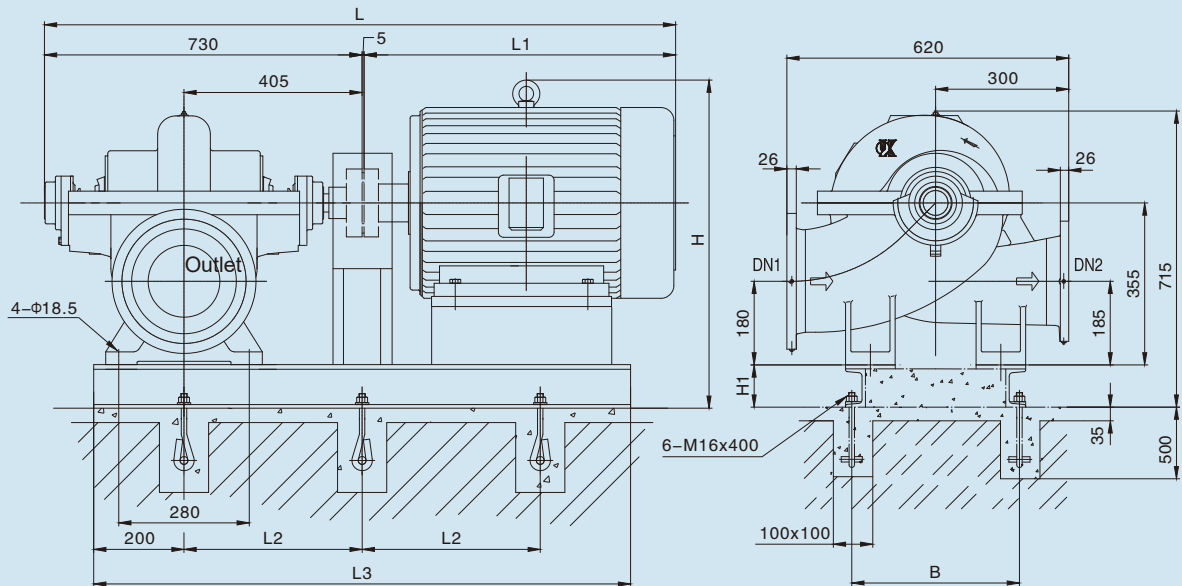
Pump Model	Motor				Dimension mm												Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	H1	n	Motor	Base
KQSN200-M8/N8	Y355-2	6000	I	220~185	2825	1870	640	2438	760	1375	824	630	900	28	180	8	1870	518
	Y450-2	10000	I	220~185	2955	2000	720	2673	940	1430	909	800	1120	35	180	8	2935	588
	Y355M1-2	380	IV	220	2410	1455	720	1917	720	1165	733	610	560	28	160	6	1619	388
	Y355S1-2	380	IV	185	2410	1455	720	1917	500	1165	733	610	500	28	160	6	1524	388
	Y315L1-2	380	IV	160	2310	1355	640	1757	580	1095	695	508	508	28	140	6	1141	368
	Y315M-2	380	IV	132	2310	1355	600	1696	580	1095	695	508	457	28	140	6	1094	358
	Y315S-2	380	IV	110	2181	1226	600	1640	580	1095	695	508	406	28	140	6	1001	350

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

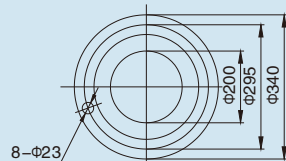
KQSN200-M(N)9 Technical Data



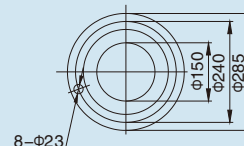
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN200-M9	235	168	46.7	73	2960	45.1	75	74	4.9	217
		300	77.8	66		64.2		84		
		351	97.5	51		62.5		78		
	223	160	44.3	65	2960	39.5	75	72	4.8	216
		285	73.9	58		54.2		83		
		333	92.6	45		55.0		75		
	212	151	42.0	59	2960	34.5	55	70	4.7	215
		270	70.0	52		46.6		82		
		316	87.8	41		48.1		73		
	200	143	39.7	52	2960	30.0	45	68	4.6	214
		255	66.1	47		40.3		81		
		298	82.9	36		41.6		71		
KQSN200-N9	235	143	39.6	71	2960	41.7	75	66	4.3	214
		238	66.0	62		48.3		83		
		298	82.7	50		53.2		76		
	228	138	36.8	66	2960	39.3	55	64	4.1	213
		230	61.4	58		45.2		81		
		289	76.9	47		49.8		74		
	212	128	35.2	57	2960	32.4	45	62	3.9	211
		214	58.7	50		37.0		79		
		268	73.6	40		40.9		72		
	198	121	33.7	51	2960	28.2	37	60	3.7	209
		202	56.1	44		31.4		77		
		240	70.3	35		30.2		70		



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

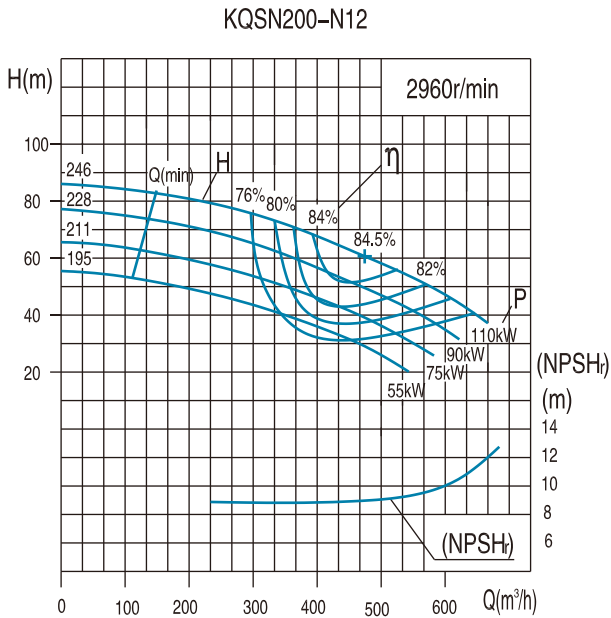
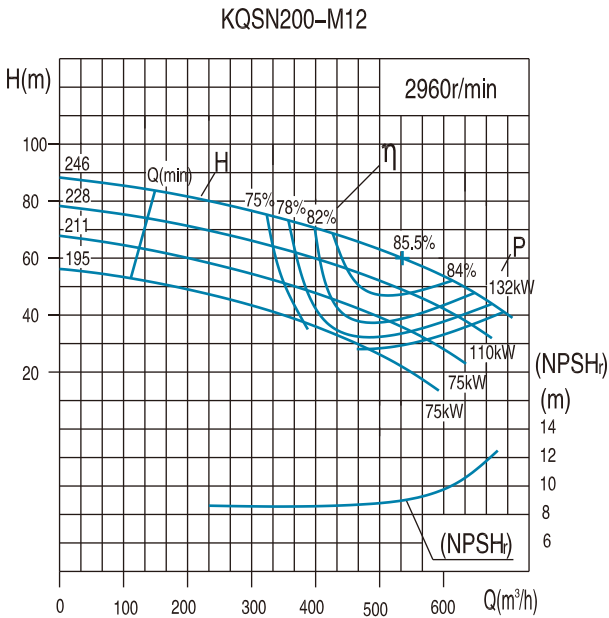


Length of discharge taper pipe E=375

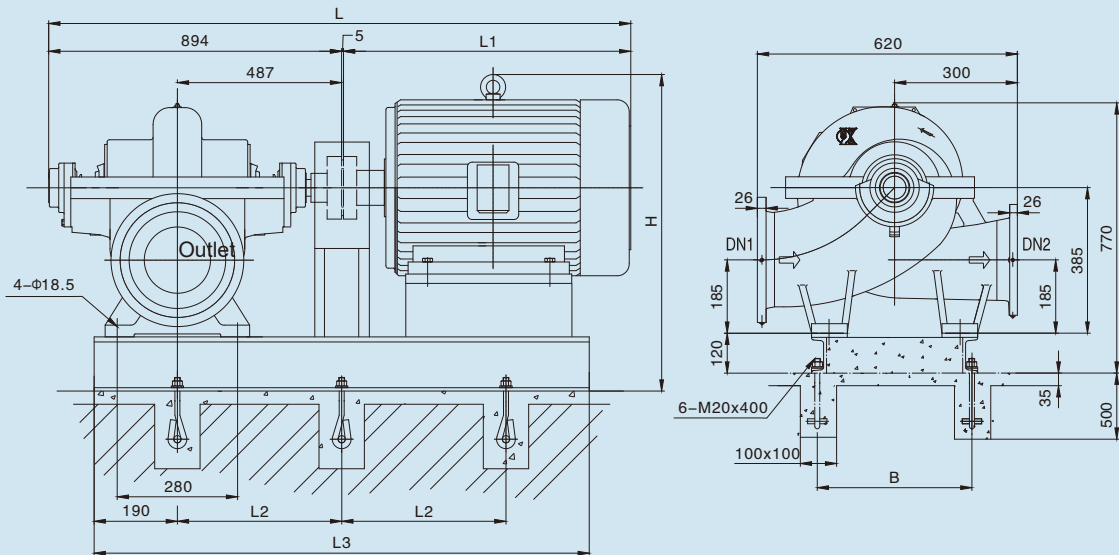
Pump Model	Motor				Dimension mm							Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	Motor	Base
KQSN200-M9/N9	Y280S-2	380	IV	75	1785	1050	510	1400	500	930	120	505	180
	Y250M-2	380	IV	55	1695	960	475	1330	450	895	120	477	176
	Y225M-2	380	IV	45	1616	881	425	1230	400	840	120	365	173
	Y200L2-2	380	IV	37	1590	855	410	1200	350	795	100	295	170

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

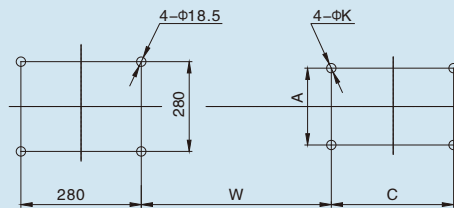
KQSN200-M(N)12 Technical Data



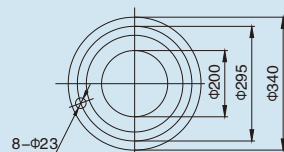
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN200-M12	246	320	89.0	75.0	2960	86.1	132	76	8.8	280
		534	148.3	61.0		103.8		85.5		
		641	178.0	50.0		106.4		82		
	228	298	82.8	65.0	2960	70.4	110	75	8.7	279
		497	138.1	53.0		85.4		84		
		596	165.7	43.0		86.2		81		
	211	272	75.7	56.0	2960	56.9	75	73	8.6	278
		454	126.1	44.0		65.9		82.5		
		545	151.3	34.0		64.7		78		
	195	255	70.8	46.0	2960	45.0	75	71	8.5	277
		425	118.1	35.0		53.0		81		
		510	141.7	29.0		55.2		74		
KQSN200-N12	246	284	78.8	76.5	2960	77.8	110	76	8.6	280
		473	131.4	61.0		93.0		84.5		
		568	157.7	51.0		96.1		82		
	228	266	73.8	67.0	2960	65.5	90	74	8.5	279
		443	123.1	54.0		77.6		84		
		532	147.7	43.0		76.9		81		
	211	246	68.3	57.0	2960	52.3	75	73	8.4	278
		410	113.9	45.0		61.3		82		
		492	136.7	37.5		63.6		79		
	195	229	63.5	47.5	2960	41.6	55	71	8.3	277
		381	105.8	37.0		49.9		81		
		457	127.0	30.0		50.5		78		



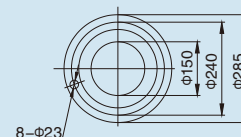
Installation foundation dimension without base :



Inlet flange DN 1 and outlet flange of discharge taper pipe



Outlet flange DN 2

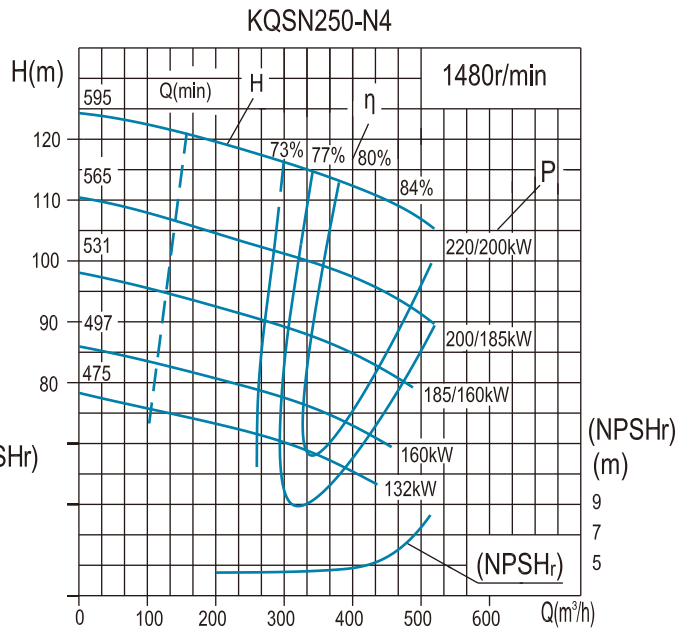
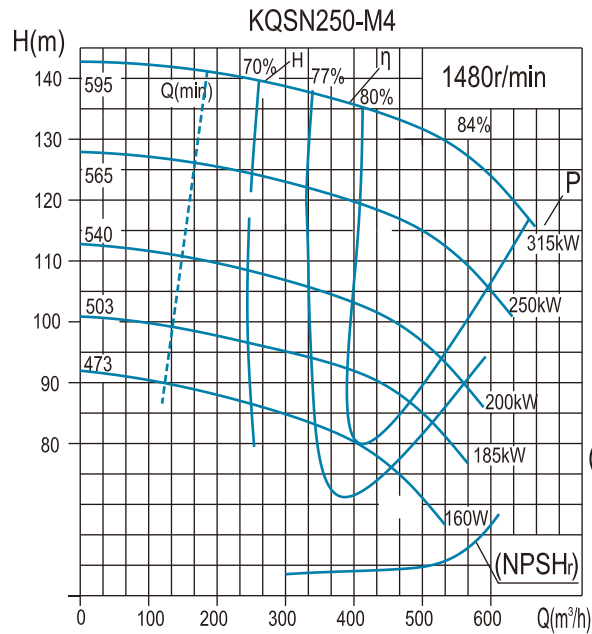


Length of discharge taper pipe E=375

Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN200-M12/N12	Y315M-2	380	IV	132	2254	1355	600	1605	580	1060	708	508	457	28	1094	285
	Y315S-2	380	IV	110	2125	1226	580	1550	580	1060	708	508	406	28	1001	283
	Y280M-2	380	IV	90	1979	1080	580	1523	520	960	682	457	419	24	545	278
	Y280S-2	380	IV	75	1949	1050	550	1475	520	960	682	457	368	24	505	275
	Y250M-2	380	IV	55	1859	960	520	1410	440	925	660	406	349	24	477	250

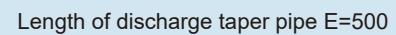
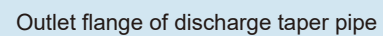
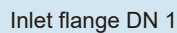
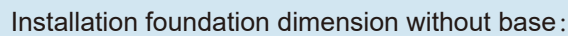
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN250-M(N)4 Technical Data



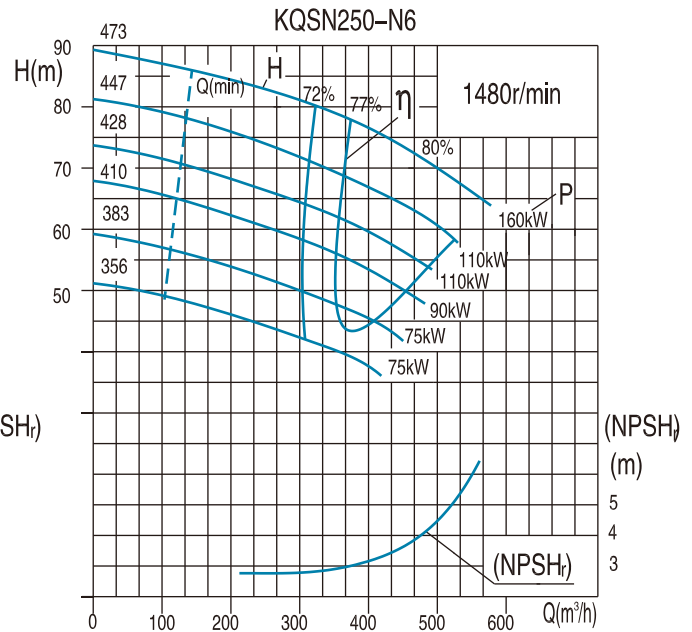
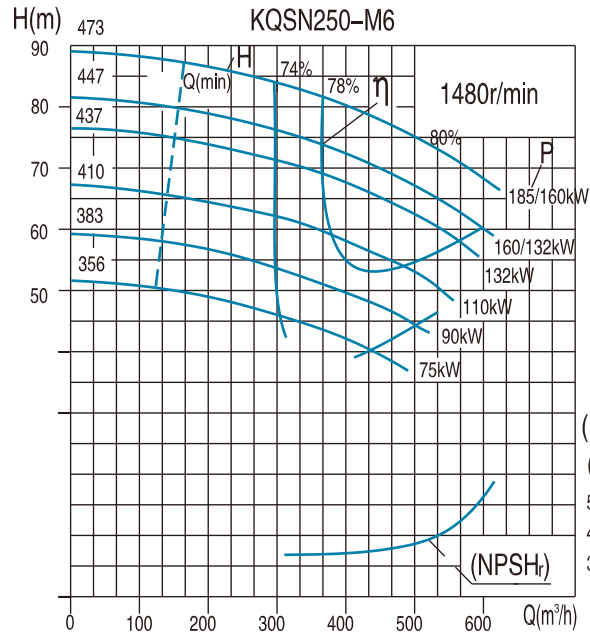
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN250-M4	595	318	88.3	137	1480	158.1	315	75	5.1	680
		530	147.2	130		223.3		84		
		636	176.7	118		258.6		79		
	565	299	83.0	122	1480	134.2	250	74	5.0	678
		498	138.4	115		187.7		83		
		598	166.1	103		214.9		78		
	540	281	78.1	108	1480	113.2	200	73	4.9	676
		468	130.1	101		157.8		82		
		562	156.1	92		182.8		77		
	503	264	73.4	95	1480	94.9	185	72	4.8	674
		440	122.3	90		132.7		81		
		528	146.7	82		155.2		76		
	473	248	69.0	84	1480	80.0	160	71	4.7	672
		414	114.9	79		111.6		80		
		497	137.9	71		128.0		75		
KQSN250-N4	595	258	71.7	118	1480	109.0	*220/200	76	5.1	680
		432	120.0	110		154.0		84		
		518	143.9	100		178.5		79		
	565	247	68.6	103	1480	91.9	*200/185	75	5.0	678
		412	114.3	97		130.7		83		
		494	137.2	89		153.1		78		
	531	232	64.5	91	1480	77.4	*185/160	74	4.9	676
		387	107.5	86		109.8		82		
		464	128.9	78		128.7		77		
	497	217	60.4	79	1480	64.4	160	73	4.8	674
		362	100.6	75		91.2		81		
		434	120.6	69		106.9		76		
	475	207	57.6	72	1480	56.8	132	72	4.7	672
		346	96.0	68		80.3		80		
		415	115.3	63		94.4		75		

Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



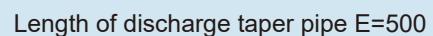
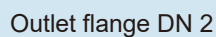
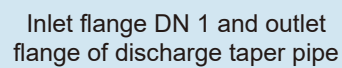
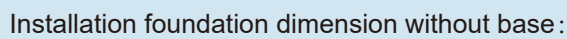
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN250-M(N)6 Technical Data



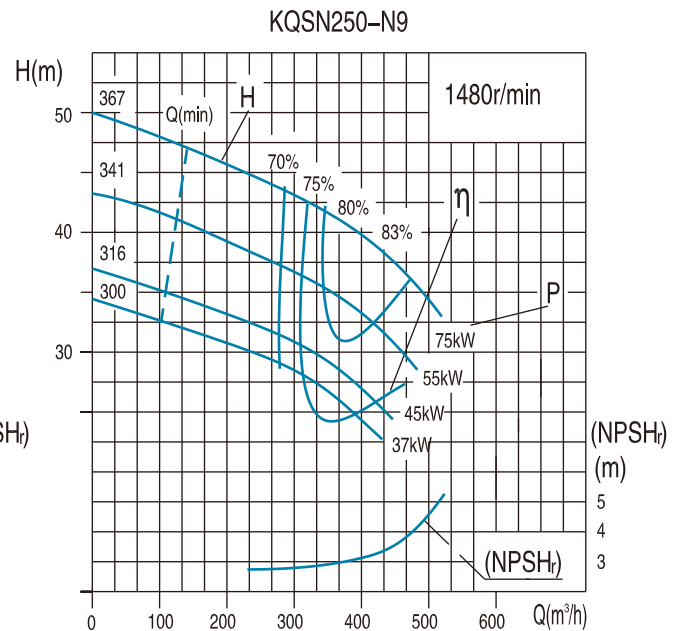
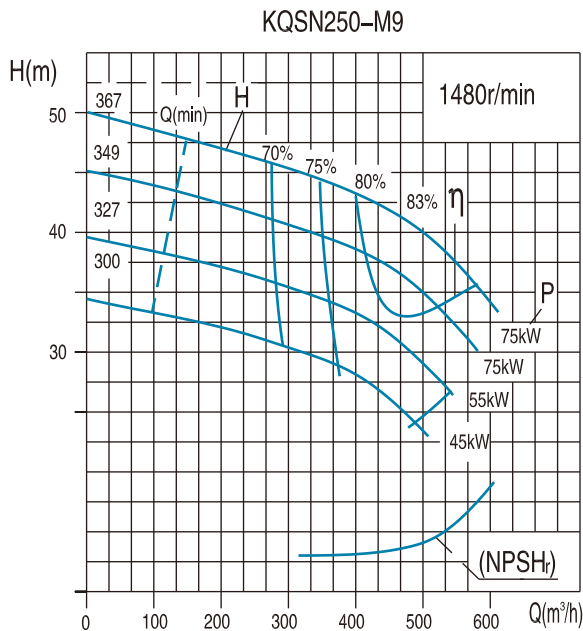
Model	Specification	Capacity		Head	Speed	Power(kW)		Efficiency	(NPSH) _r	Weight
	(mm)	(m³/h)	(l/s)	(m)	(r/min)	Shaft Power	Motor Power	%	(m)	(kg)
KQSN250-M6	473	302	83.9	84	1480	97.3	*185/160	71	3.5	538
		493	136.9	75		125.8		80		
		631	175.3	67		153.4		75		
	447	291	80.8	77	1480	84.7	*160/132	72	3.4	536
		485	134.7	66		110.3		79		
		612	170.0	59		134.6		73		
	437	282	78.4	72	1480	77.4	132	71	3.3	534
		470	130.7	64		104.6		78		
		594	164.9	55		119.9		74		
KQSN250-N6	473	265	73.6	63	1480	65.8	160	69	3.1	537
		441	122.6	56		87.5		77		
		550	152.8	48		100.5		72		
	447	247	68.7	55	1480	55.2	110	67	3.0	530
		412	114.5	49		72.2		76		
		520	144.5	42		84.1		71		
	383	230	63.9	47	1480	45.0	90	66	2.9	528
		383	106.4	42		58.8		75		
		483	134.3	36		68.5		70		
KQSN250-N6	473	258	71.7	83	1480	88.3	160	66	3.1	537
		432	120.0	75		110.3		80		
		535	148.6	67		133.7		73		
	447	252	70.0	75	1480	76.3	110	67	3.0	535
		420	116.7	64		92.6		79.0		
		520	144.4	57		109.0		74		
	428	239	66.4	67	1480	67.1	110	65	3.0	533
		399	110.8	59		82.2		78		
		504	140.0	52		99.1		72		
KQSN250-N6	410	229	63.7	62	1480	61.4	90	63	2.9	531
		382	106.2	54		73.3		77.0		
		482	134.0	48		88.5		71		
	383	214	59.5	54	1480	51.6	75	61	2.8	529
		357	99.2	47		60.6		76		
		451	125.1	42		73.2		70		
	356	199	55.3	47	1480	42.9	75	59	2.6	527
		332	92.2	41		49.3		75		
		419	116.3	36		59.4		69		

Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.

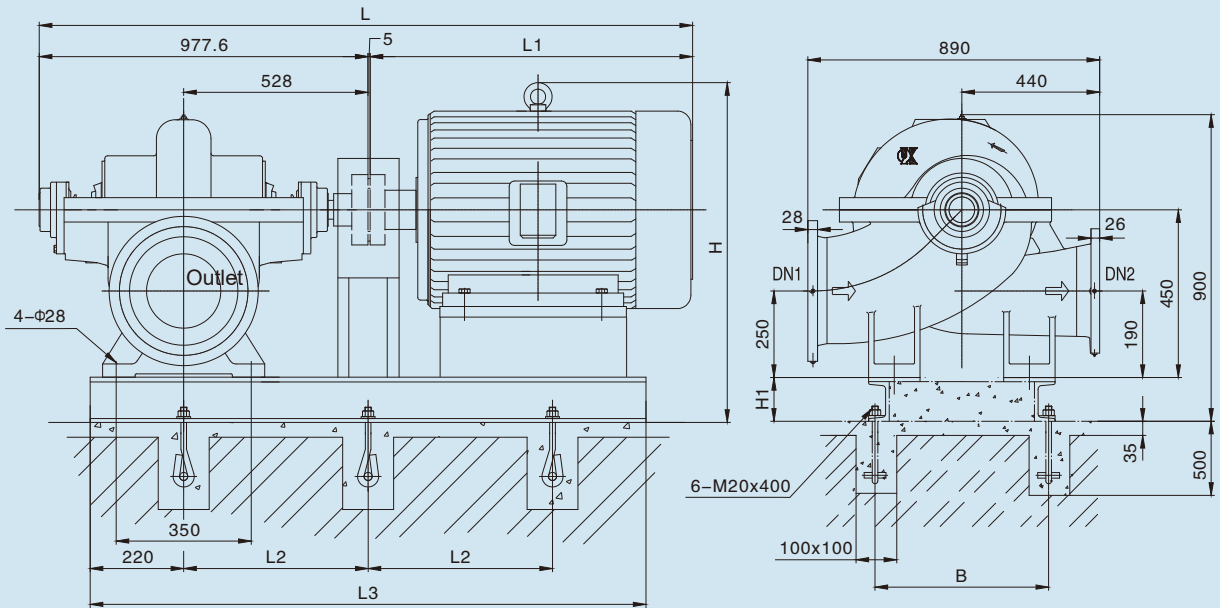


Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

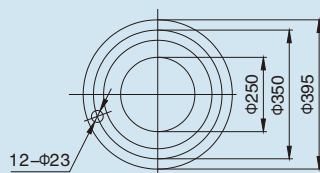
KQSN250-M(N)9 Technical Data



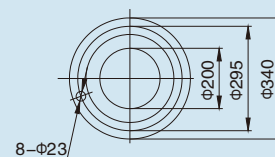
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN250-M9	367	291	80.8	46	1480	50.1	75	72	3.4	442
		485	134.7	41		64.7		83		
		612	170.0	34		71.7		79		
	349	276	76.8	41	1480	44.2	75	70	3.2	439
		461	128.0	37		56.8		81		
		581	161.5	30		61.9		77		
	327	259	71.9	36	1480	37.4	55	68	3.1	436
		432	119.9	32		47.9		79		
		545	151.3	26		51.5		76		
	300	242	67.1	31	1480	31.3	45	66	3.0	433
		403	111.8	27		38.4		77		
		490	141.1	23		40.9		75		
KQSN250-N9	367	247	68.6	44	1480	45.7	75	65	3.0	441
		412	114.3	39		53.1		83		
		519	144.2	33		60.3		78		
	341	230	65.8	38	1480	38.0	55	63	2.9	438
		383	109.7	34		43.8		81		
		483	138.5	29		49.7		76		
	316	212	61.0	33	1480	31.0	45	61	2.8	435
		354	101.7	29		35.5		79		
		447	128.4	25		40.4		74		
	300	205	56.9	30	1480	28.8	37	59	2.7	432
		342	94.9	25		30.2		77		
		415	119.7	21		32.9		72		



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2



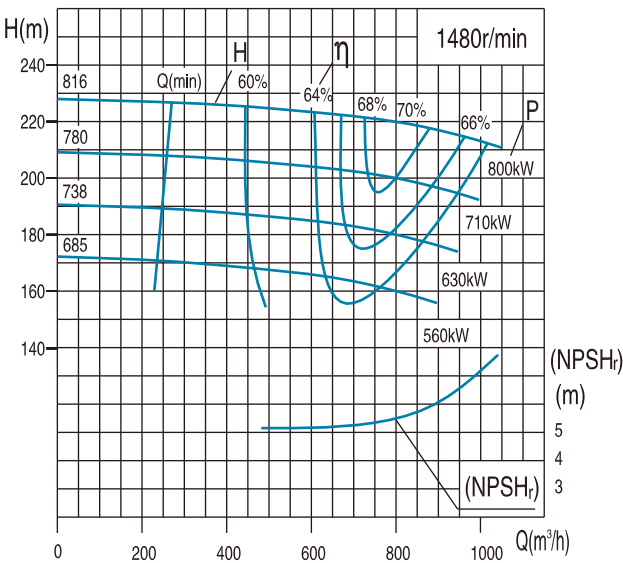
Length of discharge taper pipe E=300

Pump Model	Motor				Dimension mm							Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	Motor	Base
KQSN250-M9/N9	Y280S-4	380	IV	75	2033	1050	560	1560	500	1045	140	550	200
	Y250M-4	380	IV	55	1943	960	520	1480	460	990	120	494	198
	Y225M-4	380	IV	45	1894	911	485	1410	460	935	120	375	196
	Y225S-4	380	IV	37	1869	886	470	1380	460	935	120	350	194

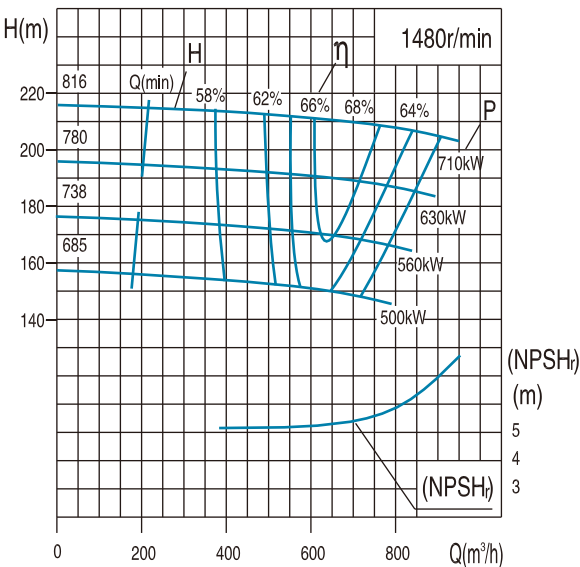
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN300-M(N)3 Technical Data

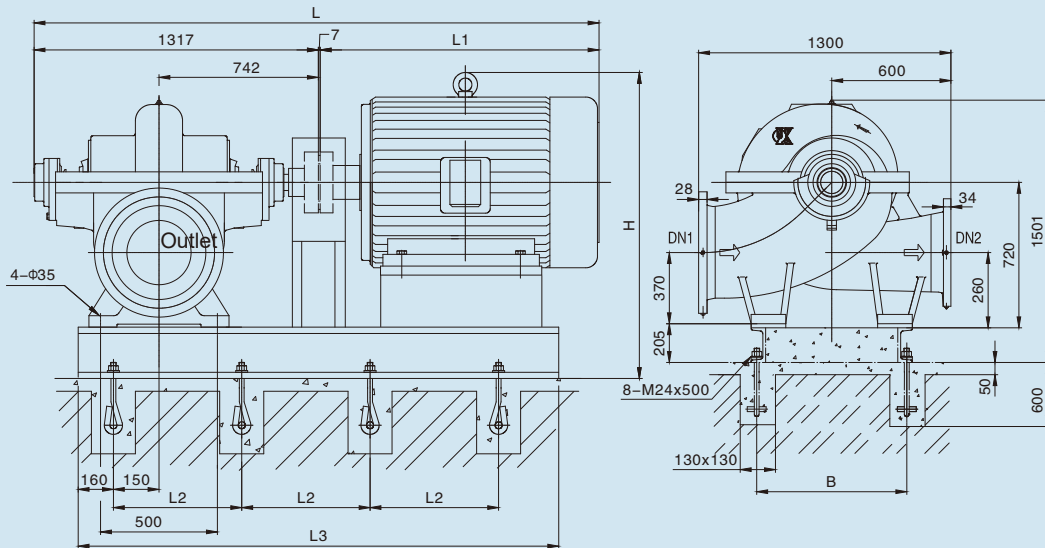
KQSN300-M3



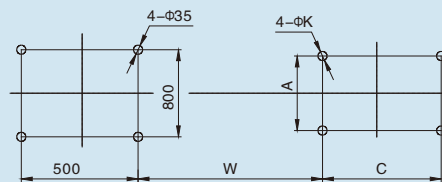
KQSN300-N3



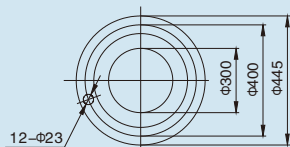
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M3	816	474	131.7	225	1480	476.1	800	61	5.3	1538
		790	219.4	220		676.2		70		
		909	252.4	215		793.9		67		
	780	459	127.5	205	1480	427.1	710	60	5.2	1535
		765	212.5	200		603.9		69		
		880	244.4	195		707.9		66		
	738	442	122.7	186	1480	379.1	630	59	5.1	1531
		736	204.4	180		530.6		68		
		846	235.1	174		617.0		65		
	685	424	117.8	166	1480	330.6	560	58	5.0	1526
		707	196.4	160		459.8		67		
		813	225.8	153		529.3		64		
KQSN300-N3	816	402	111.7	214	1480	390.5	710	60	5.3	1537
		670	186.1	210		563.5		68		
		777	215.9	205		667.5		65		
	780	388	107.8	194	1480	347.6	630	59	5.2	1535
		647	179.7	190		499.7		67		
		751	208.5	185		590.8		64		
	738	375	104.2	175	1480	308.1	560	58	5.1	1532
		625	173.6	170		438.4		66		
		731	203.1	165		521.6		63		
	685	361	100.3	156	1480	269.2	500	57	5.0	1528
		602	167.2	150		378.3		65		
		710	197.3	144		449.3		62		



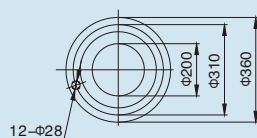
Installation foundation dimension without base:



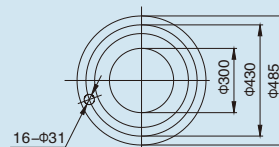
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

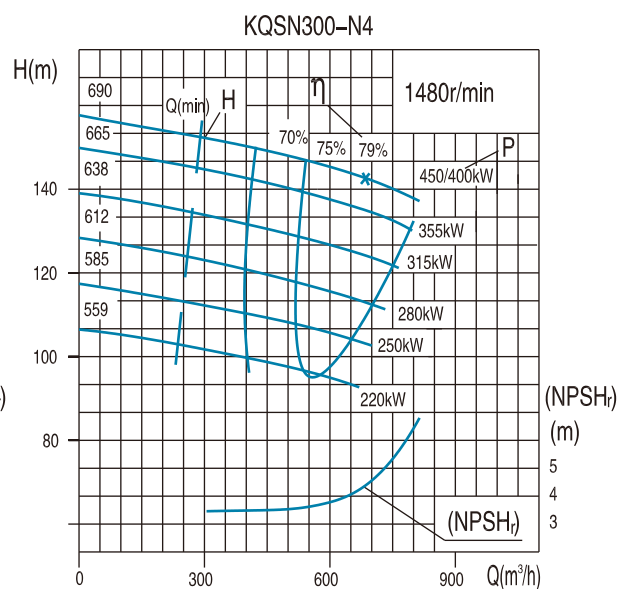
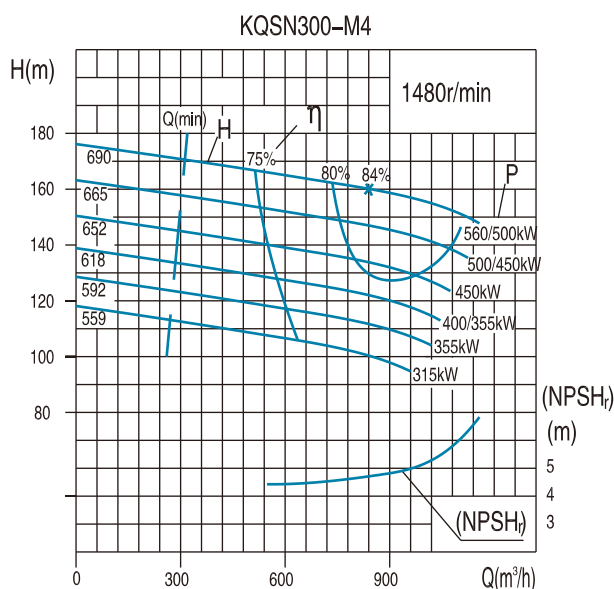


Length of discharge taper pipe E=500

Pump Model	Motor				Dimension mm											Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN300-M3/N3	Y450-4	6k	I /II	710	3504	2180	915	3019	950	1950	1064	800	1120	35	3180	898	
	Y450-4	6k	I /II	630	3504	2180	915	3019	950	1950	1064	800	1120	35	3092	898	
	Y400-4	6k	I /II	560	3304	1980	860	2864	920	1855	1044	710	1000	35	2600	918	
	Y400-4	6k	I /II	500	3304	1980	860	2864	920	1855	1044	710	1000	35	2510	918	
	Y500-4	10k	I /II	800	3524	2200	950	3129	1050	1475	1184	900	1250	42	4600	938	
	Y500-4	10k	I /II	710	3524	2200	950	3129	1050	1475	1184	900	1250	42	4550	938	
	Y450-4	10k	I /II	630	3374	2050	915	2993	950	1425	1064	800	1120	35	3461	898	
	Y450-4	10k	I /II	560	3374	2050	915	2993	950	1425	1064	800	1120	35	3380	898	
	Y450-4	10k	I /II	500	3374	2050	915	2993	950	1425	1064	800	1120	35	3315	898	

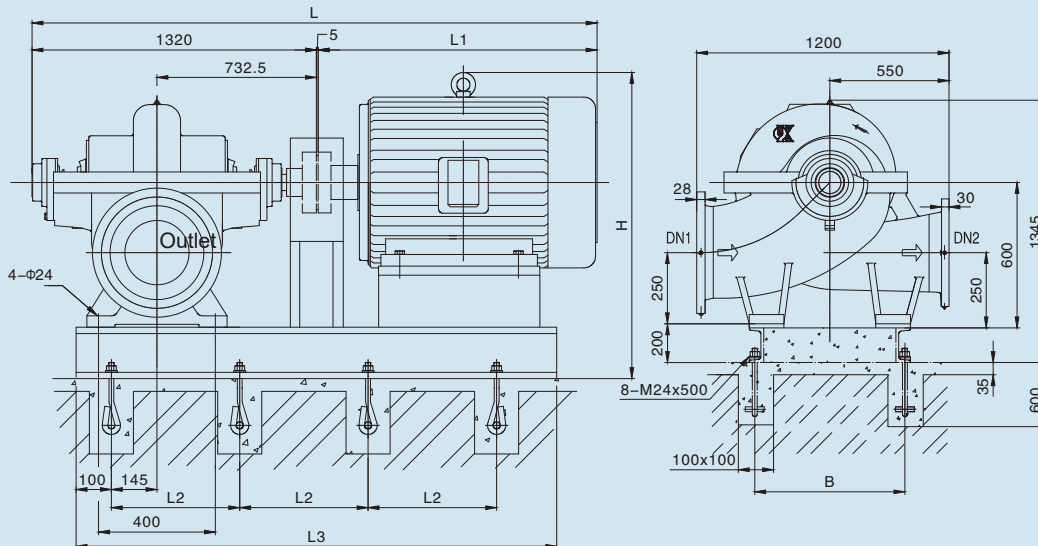
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN300-M(N)4 Technical Data

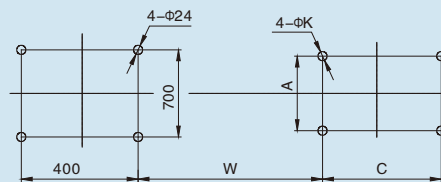


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN300-M4	690	504	140.0	163	1480	294.3	*560/500	76	4.6	1003
		840	233.3	160		435.6		84		
		1008	280.0	152		508.6		82		
	665	484	134.4	152	1480	267.0	*500/450	75	4.5	1000
		806	224.0	147		390.2		83		
		968	268.8	140		455.5		81		
	652	464	129.0	140	1480	239.3	450	74	4.4	998
		774	215.0	136		349.4		82		
		929	258.0	132		417.4		80		
	618	446	123.9	129	1480	214.6	*400/355	73	4.3	995
		743	206.4	125		312.9		81		
		892	247.7	118		362.8		79		
	592	428	118.9	120	1480	194.3	355	72	4.2	993
		713	198.2	115		280.3		80		
		856	237.8	108		322.8		78		
KQSN300-N4	690	411	114.2	109	1480	171.8	315	71	4.1	990
		685	190.3	106		251.2		79		
		822	228.3	103		299.4		77		
	690	414	115	150	1480	313.4	*450/400	70	4.2	1001
		690	191.7	144		342.4		84		
		828	230.0	139		412.2		76		
	665	397	110	142	1480	292.9	355	68	4.1	999
		662	184.0	133		288.4		83		
		795	220.8	128		345.5		80		
	638	382	106	131	1480	254.7	315	68	4.0	997
		636	176.6	122		255.2		83		
		763	212.0	117		303.2		80		
	612	366	102	122	1480	230.3	280	67	3.9	994
		610	169.6	113		228.5		82		
		733	203.5	108		272.1		79		
	585	352	98	111	1480	209.0	250	66	3.8	992
		586	162.8	104		204.7		81		
		703	195.3	99		242.5		78		
	559	338	94	102	1480	186.7	220	65	3.7	989
		563	156.3	96		183.4		80		
		675	187.5	91		216.8		77		

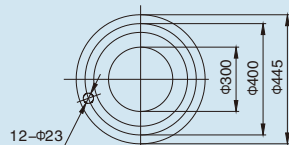
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



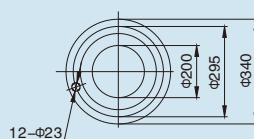
Installation foundation dimension without base :



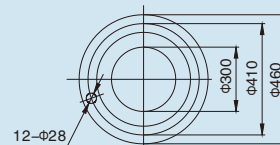
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

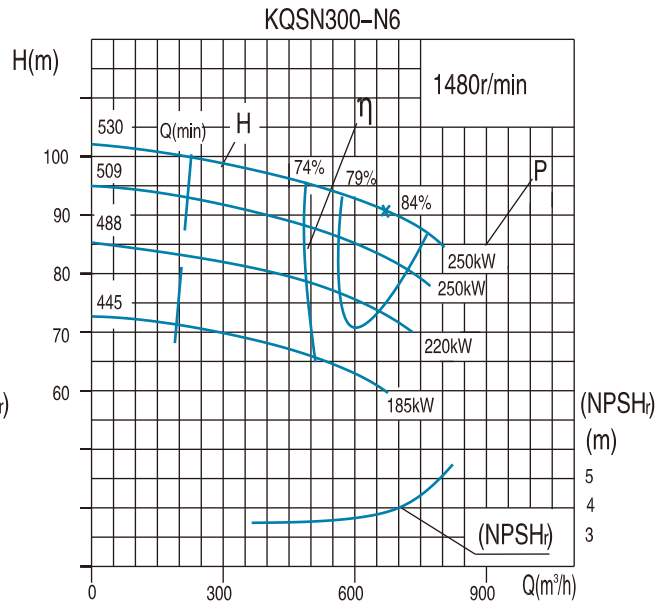
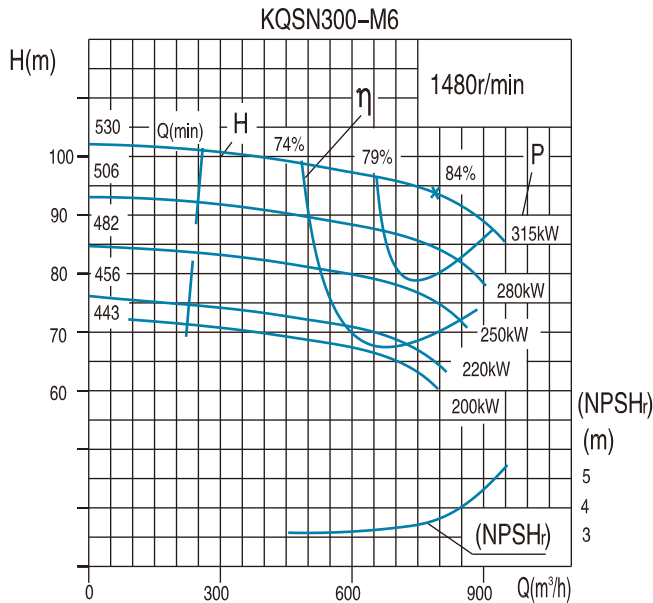


Length of discharge taper pipe E=500

Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN300-M4/N4	Y400-4	6000	I / II	560~355	3265	1940	810	2788	840	1235	1083	710	1000	35	2520	601
	Y355-4	6000	I / II	315~250	3145	1820	810	2660	700	1225	1063	630	900	28	1870	590
	Y450-4	10000	I / II	560~250	3375	2050	880	2920	920	1300	1103	800	1120	35	3315	630
	Y400L-4	380	IV	500	3245	1920	710	2510	700	1590	1028	686	710	35	3200	592
	Y400M-4	380	IV	450~400	3245	1920	710	2510	700	1590	1028	686	630	35	3100	592
	Y400S-4	380	IV	355	3245	1920	710	2510	700	1590	1028	686	630	35	2900	592
	Y355L2-4	380	IV	315	2946	1621	595	2157	700	1405	961.5	610	630	28	2084	588
	Y355L1-4	380	IV	280	2946	1621	595	2157	700	1405	961.5	610	630	28	1947	588
	Y355M2-4	380	IV	250	2816	1491	585	2117	700	1405	961.5	610	560	28	1764	568
	Y355M1-4	380	IV	220	2816	1491	585	2117	700	1405	961.5	610	560	28	1705	568

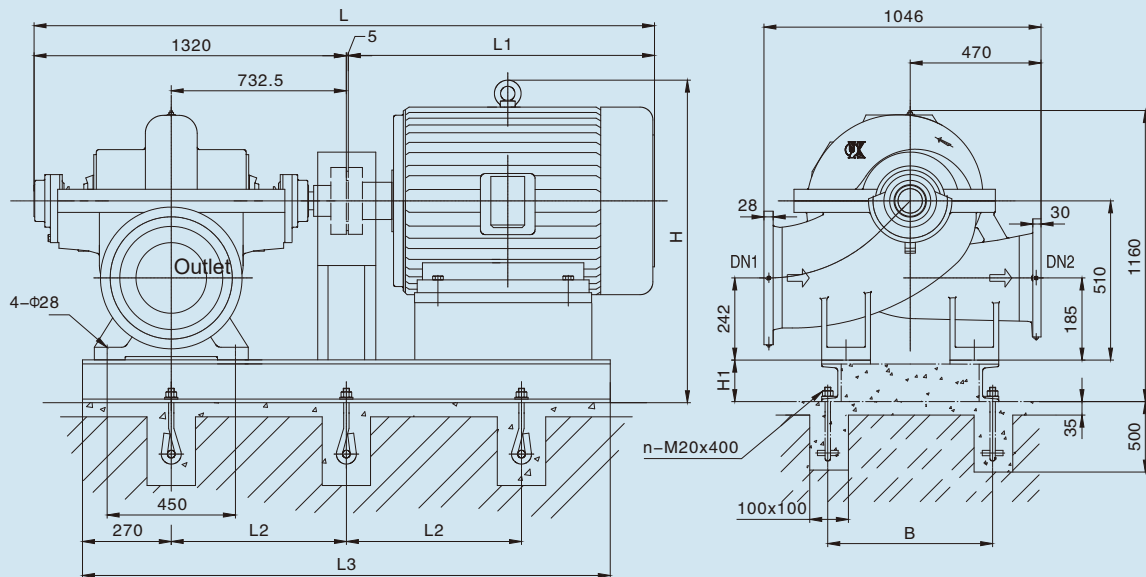
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN300-M(N)6 Technical Data

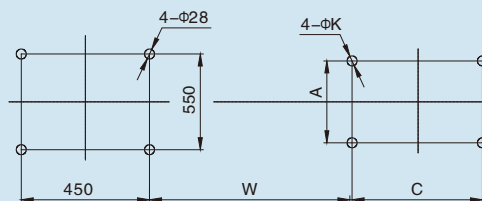


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN300-M6	530	474	132	98	1480	171.0	*315/280	74	3.0	870
		800	222	94		243.2		84		
		948	263	86		277.5		80		
	509	455	126	91	1480	159.2	280	71	2.9	868
		758	211	86		220.3		81		
		910	253	79		253.4		77		
	482	431	120	82	1480	141.6	250	68	2.8	866
		719	200	78		194.9		78		
		863	240	71		224.6		74		
	456	408	113	73	1480	124.1	220	66	2.7	864
		679	189	69		169.9		76		
		815	226	63		196.2		72		
	443	398	111	70	1480	120.2	200	63	2.6	862
		664	184	65		160.9		73		
		790	219	58		183.5		68		
KQSN300-N6	530	402	112	95	1480	156.0	250	67	3.5	865
		670	186	91		197.2		84		
		804	223	83		229.6		79		
	509	386	107	87	1480	142.3	250	65	3.4	863
		644	179	84		178.7		82		
		772	215	76		208.4		77		
	488	370	103	80	1480	131.3	220	62	3.3	861
		617	171	77		163.3		79		
		740	206	70		190.8		74		
	445	338	94	67	1480	105.1	185	59	3.2	859
		563	156	64		129.2		76		
		676	188	59		151.4		71		

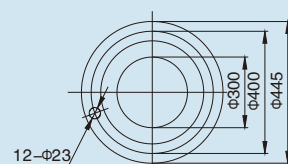
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



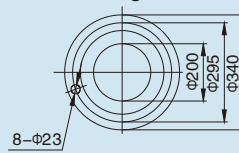
Installation foundation dimension without base :



Inlet flange DN 1 and outlet flange of discharge taper pipe



Outlet flange DN 2

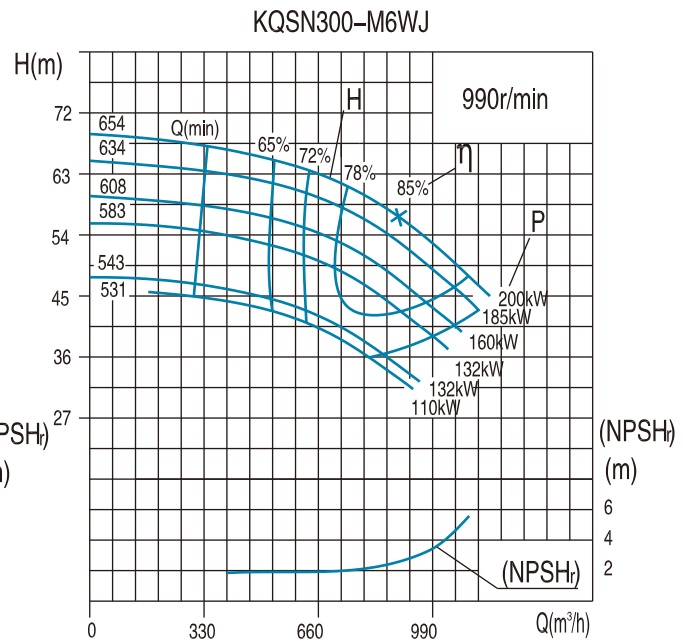
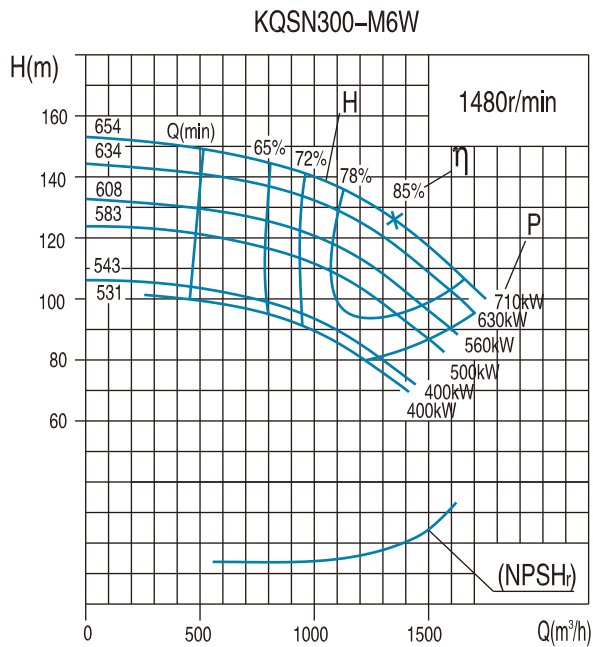


Length of discharge taper pipe E=500

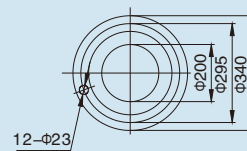
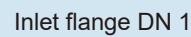
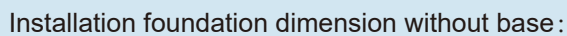
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN300-M6/N6	Y355-4	6000	I / II	315	3145	1820	730	2660	750	1115	180	1038	630	900	28	2100	521	8
	Y355-4	6000	I / II	280~250	3145	1820	730	2660	750	1115	180	1038	630	900	28	2050	521	8
	Y450-4	10000	I / II	315~200	3375	2050	830	2960	920	1190	180	1078	800	1120	35	2790	550	8
	Y355L2-4	380	IV	315	2946	1621	810	2160	700	1295	180	936.5	610	630	28	2084	514	6
	Y355L1-4	380	IV	280	2946	1621	810	2160	700	1295	180	936.5	610	630	28	1947	514	6
	Y355M2-4	380	IV	250	2816	1491	810	2160	700	1295	180	936.5	610	560	28	1764	514	6
	Y355M1-4	380	IV	220	2816	1491	810	2160	700	1295	180	936.5	610	560	28	1705	514	6
	Y315L2-4	380	IV	200	2762	1437	730	2000	560	1225	160	898.5	508	508	28	1281	509	6
	Y355S1-4	380	IV	185	2816	1491	810	2160	700	1295	180	936.5	610	500	28	1582	514	6

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN300-M6W(J) Technical Data

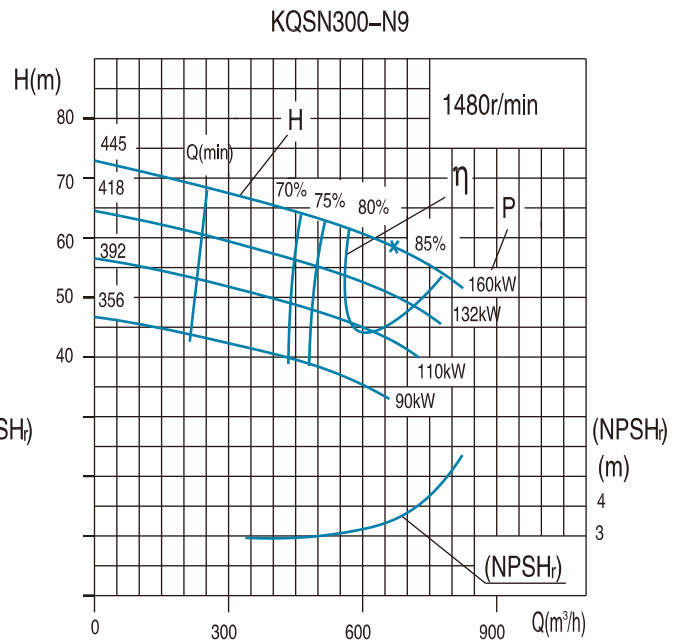
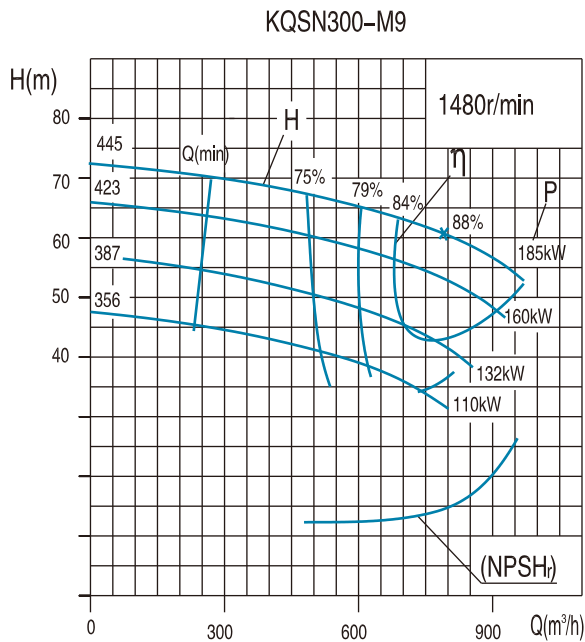


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M6W	654	810	225.0	148	1480	487.1	710	67	4.0	1312
		1350	375.0	126		545.0		85		
		1620	450.0	106		632.0		74		
	634	786	218.3	139	1480	451.3	630	66	3.9	1310
		1310	363.8	120		509.5		84		
		1571	436.5	98		574.6		73		
	608	762	211.7	128	1480	408.6	560	65	3.8	1308
		1270	352.8	110		464.0		82		
		1524	423.4	90		519.5		72		
	583	739	205.4	117	1480	368.6	500	64	3.7	1306
		1232	342.3	103		427.3		81		
		1479	410.7	83		468.0		71		
	543	717	199.2	102	1480	321.0	450	62	3.6	1304
		1195	332.0	88		367.2		78		
		1434	398.4	72		406.3		69		
KQSN300-M6WJ	654	542	150.5	65	990	142.8	200	67	2.5	1312
		903	250.8	56		163.1		85		
		1084	301.0	48		191.1		74		
	634	525	145.9	61	990	132.1	185	66	2.4	1310
		875	243.2	53		150.4		84		
		1051	291.8	45		176.5		73		
	608	504	139.9	56	990	118.3	160	65	2.3	1308
		840	233.2	49		135.9		82		
		1007	279.8	41		157.8		72		
	583	483	134.2	52	990	105.9	132	64	2.2	1306
		805	223.6	45		121.2		81		
		966	268.3	35		129.7		71		
	543	450	125.0	45	990	88.3	132	62	2.1	1304
		750	208.3	39		101.7		78		
		900	249.9	33		117.3		69		
	531	440	122.1	43	990	83.7	110	61	2.0	1302
		733	203.5	37		96.1		77		
		879	244.2	31		109.1		68		

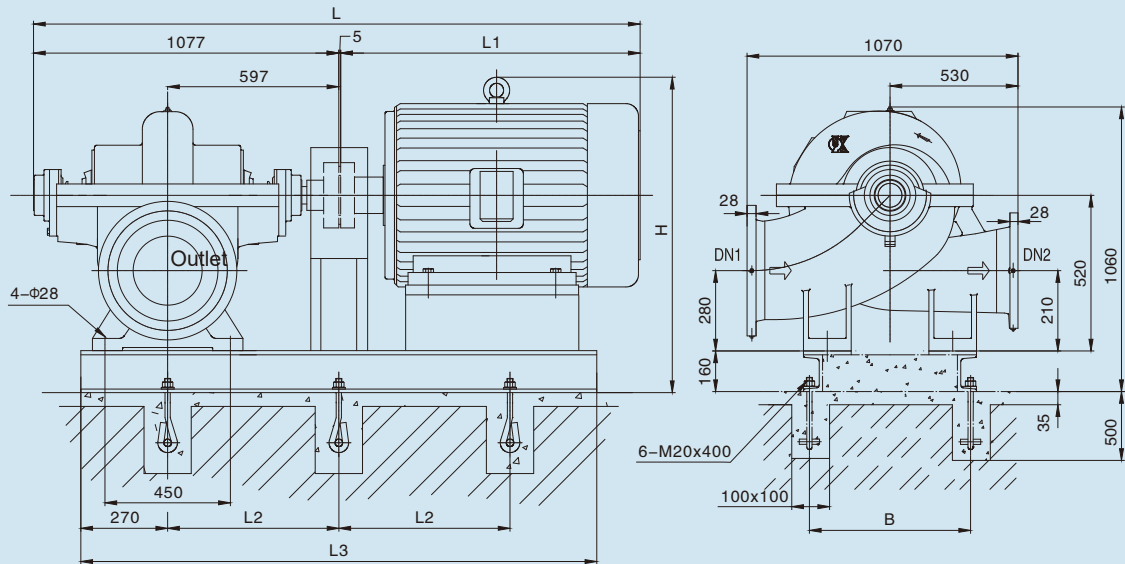


Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

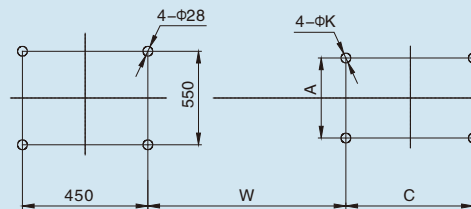
KQSN300-M(N)9 Technical Data



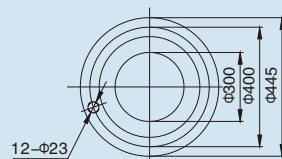
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M9	445	474	131.7	68	1480	118.1	185	74	3.8	606
		790	219.4	61		149.1		88		
		972	270.0	53		167.0		84		
	423	450	125.1	61	1480	104.1	160	72	3.7	604
		751	208.5	55		129.6		86		
		923	256.5	47		144.2		82		
	387	412	114.6	51	1480	82.2	132	70	3.6	602
		687	190.9	46		101.9		84		
		846	234.9	39		113.5		80		
	356	379	105.3	43	1480	65.8	110	68	3.5	600
		632	175.6	39		81.2		82		
		778	216.0	33		90.5		78		
KQSN300-N9	445	402	111.7	66	1480	112.2	160	64	3.5	605
		670	186.2	59		126.8		85		
		825	229.1	52		145.8		80		
	418	378	105.0	58	1480	96.2	132	62	3.4	603
		630	175.0	52		107.9		83		
		775	215.3	46		124.2		78		
	392	354	98.3	51	1480	81.5	110	60	3.3	601
		590	163.9	46		90.7		81		
		726	201.7	40		104.6		76		
	356	322	89.4	42	1480	63.4	90	58	3.2	599
		536	149.0	38		69.9		79		
		660	183.3	33		80.7		74		



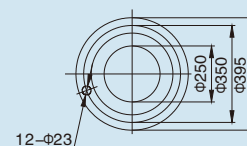
Installation foundation dimension without base:



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

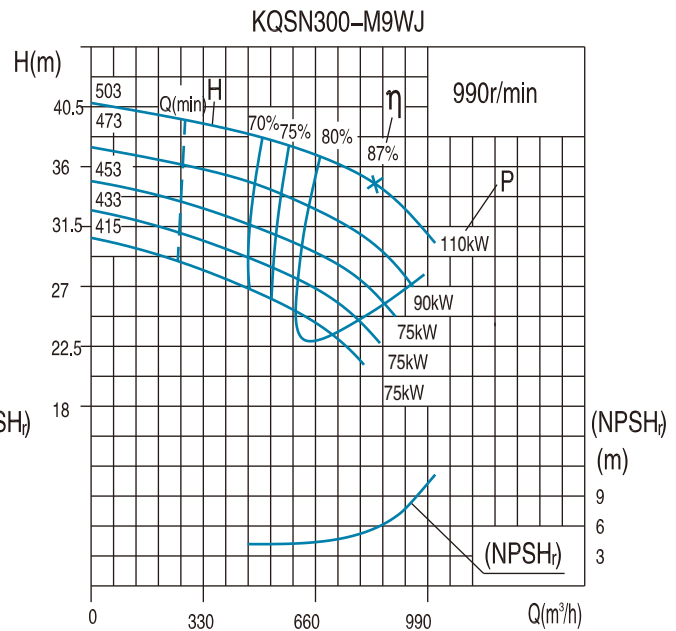
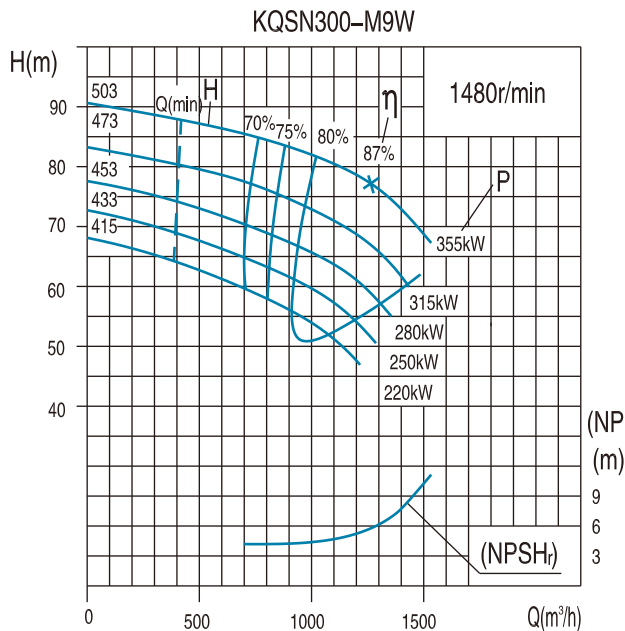


Length of discharge taper pipe E=300

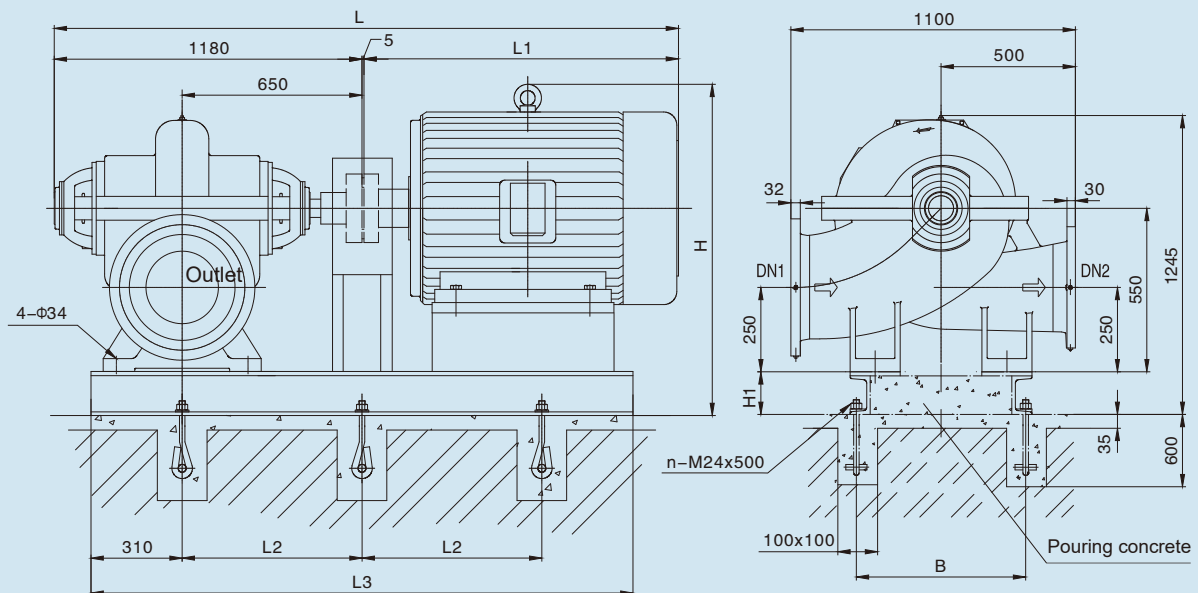
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN300-M9/N9	Y355S1-4	380	IV	185	2573	1491	730	1840	560	1285	801	610	500	28	1582	387
	Y315L1-4	380	IV	160	2519	1437	730	1860	560	1235	763	508	508	28	1192	390
	Y315M-4	380	IV	132	2519	1437	730	1840	560	1235	763	508	457	28	1192	390
	Y315S-4	380	IV	110	2389	1307	730	1790	560	1235	763	508	406	28	1018	387
	Y280M-4	380	IV	90	2162	1080	600	1720	560	1135	707	457	419	24	615	385

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

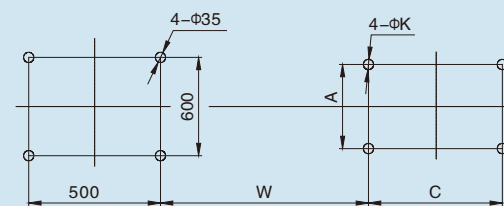
KQSN300-M9W(J) Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M9W	503	756	210.0	86	1480	252.9	355	70	5.3	1110
		1260	350.0	77		303.7		87		
		1512	420.0	68		345.7		81		
	473	711	197.4	77	1480	216.0	315	69	5.1	1108
		1184	329.0	69		258.9		86.0		
		1421	394.8	61		295.1		80		
	453	680	189.0	71	1480	193.5	280	68	4.9	1106
		1134	315.0	63		231.3		85		
		1361	378.0	55		258.0		79		
	433	650	180.6	62	1480	164.9	250	67	4.7	1104
		1084	301.0	58		204.2		84		
		1300	361.2	52		236.1		78		
KQSN300-M9WJ	503	624	173.3	57	1480	147.8	220	66	4.5	1102
		1040	288.8	53		182.5		83		
		1247	346.5	46		202.9		77		
	503	506	140.5	40	990	78.0	110	70	5.3	1110
		843	234.1	34		90.9		87		
		1011	280.9	29		99.6		81		
	473	475	132.0	35	990	65.7	90	69	5.1	1108
		792	220.1	30		76.4		86.0		
		951	264.1	26		83.7		80		
	453	455	126.4	32	990	58.5	75	68	4.9	1106
		759	210.7	28		68.2		85		
		910	252.9	24		74.4		79		
KQSN300-M9WJ	433	435	120.8	29	990	51.8	75	67	4.7	1104
		725	201.3	25		60.2		84		
		870	241.6	22		65.8		78		
	415	417	115.9	27	990	46.4	75	66	4.5	1102
		695	193.2	23		53.8		83		
		834	231.8	20		58.8		77		

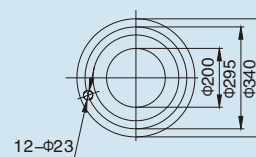
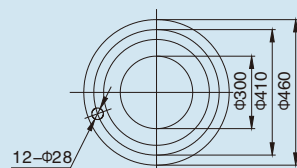


Installation foundation dimension without base :



Inlet flange DN 1

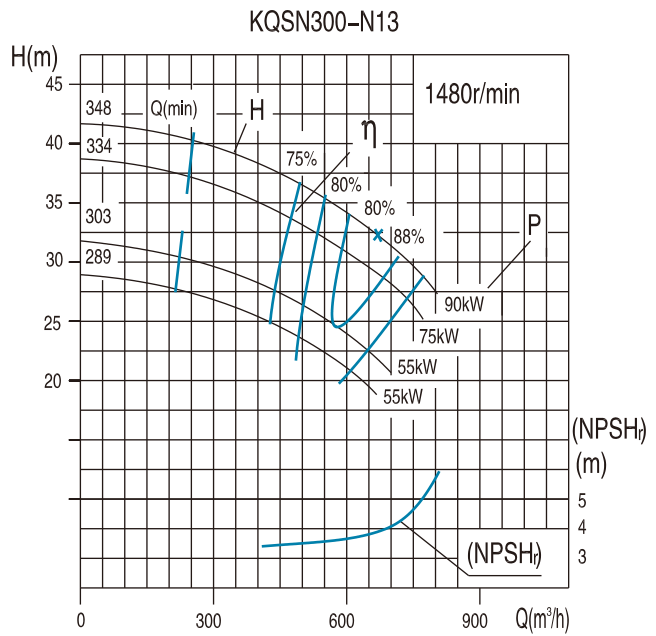
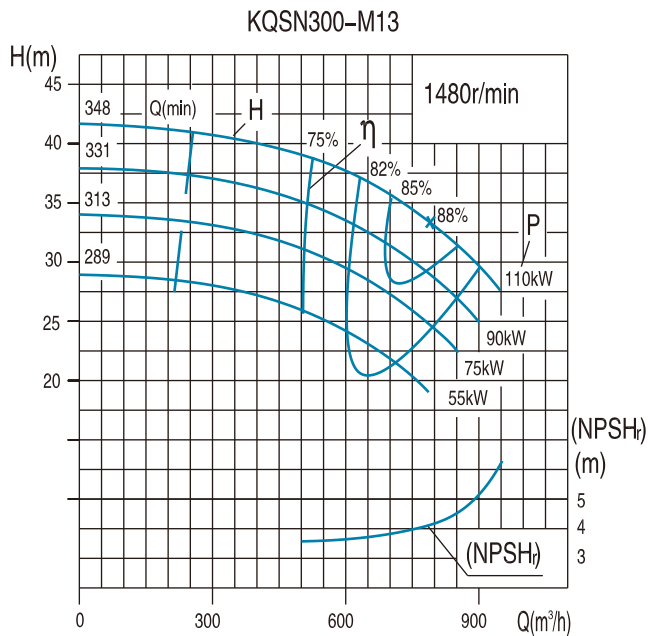
Outlet flange DN 2



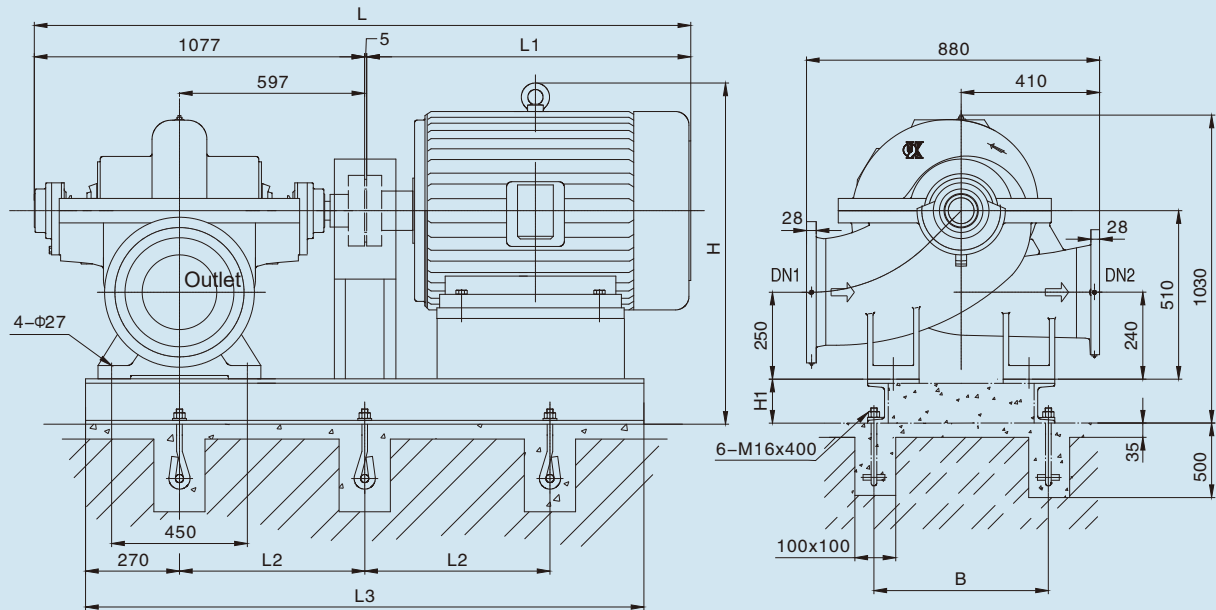
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN300-M9W	YKK355-4	6000	III/II	220~250	3255	2070	690	2700	740	1820	205	930	630	900	28	2650	550	8
	YKK400-4	6000	III/II	280~355	3435	2250	730	2810	920	1815	205	950	710	1000	35	2870	570	8
	YKK450-4	10000	III/II	220~355	3395	2210	770	2940	920	1965	205	970	800	1120	35	4200	600	8
	Y400S-4	380	IV	355	3105	1920	650	2510	750	1450	205	895	610	630	28	1870	525	6
	Y355L2-4	380	IV	315	2806	1621	750	2140	700	1360	205	829	610	630	28	2084	516	6
	Y355L1-4	380	IV	280	2806	1621	750	2140	700	1360	205	829	610	630	28	1947	516	6
	Y355M2-4	380	IV	250	2676	1491	750	2065	700	1360	205	829	610	560	28	1764	512	6
	Y355M1-4	380	IV	220	2676	1491	750	2065	700	1360	205	829	610	560	28	1705	512	6
KQSN300-M9WJ	Y315L1-6	380	IV	110	2622	1437	730	2000	620	1290	185	791	508	508	28	1211	520	6
	Y315M-6	380	IV	90	2622	1437	730	2000	620	1290	185	791	508	457	28	1120	514	6
	Y315S-6	380	IV	75	2492	1307	660	1890	620	1290	185	791	508	406	28	954	510	6

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

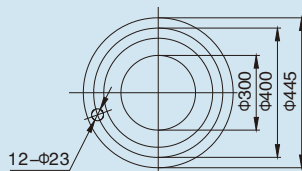
KQSN300-M(N)13 Technical Data



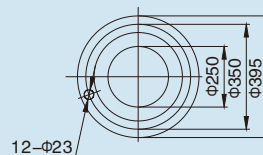
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M13	348	474	131.7	40	1480	71.0	110	72	4.1	536
		790	219.4	34		83.1		88		
		948	263.3	28		85.9		83		
	331	450	125.1	36	1480	61.7	90	71	4.0	534
		751	208.5	30		70.7		87		
		901	250.2	25		74.5		82		
	313	427	118.5	32	1480	53.2	75	70	3.9	532
		711	197.5	27		60.8		86		
	289	853	237.0	22	1480	64.1	55	81	3.8	530
		393	109.3	27		42.3		69		
		656	182.1	23		48.2		85		
		787	218.6	19		50.9		80		
KQSN300-N13	348	402	111.7	38	1480	64.8	90	65	4.0	535
		670	186.2	33		68.3		88		
		804	223.4	27		72.1		82		
	334	386	107.2	35	1480	58.2	75	64	3.9	533
		644	178.8	30		61.1		87		
		772	214.4	25		64.6		81		
	303	350	97.2	29	1480	44.0	55	63	3.8	531
		583	161.9	25		46.0		86		
		700	194.4	20		48.7		80		
	289	334	92.7	26	1480	38.8	55	62	3.7	529
		556	154.5	23		40.4		85		
		668	185.5	19		42.8		79		



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

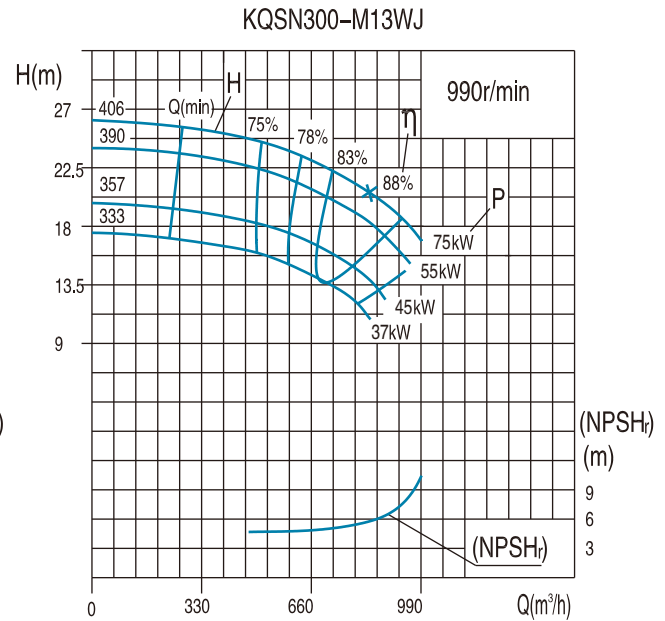
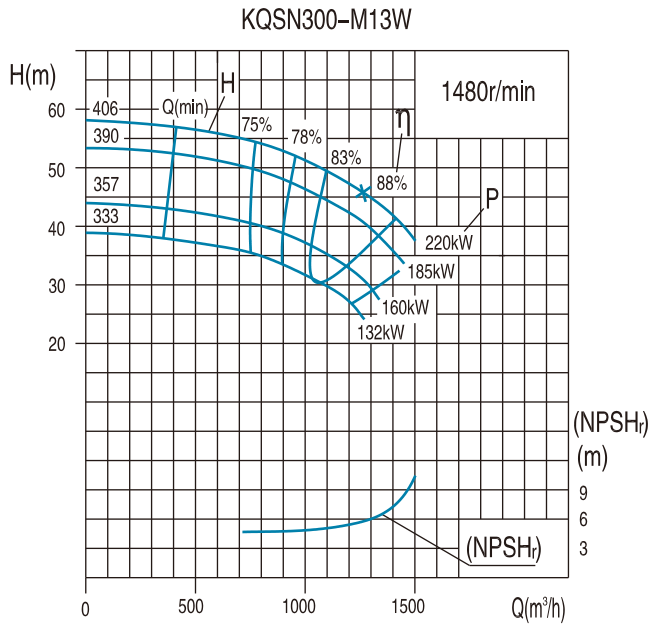


Length of discharge taper pipe E=300

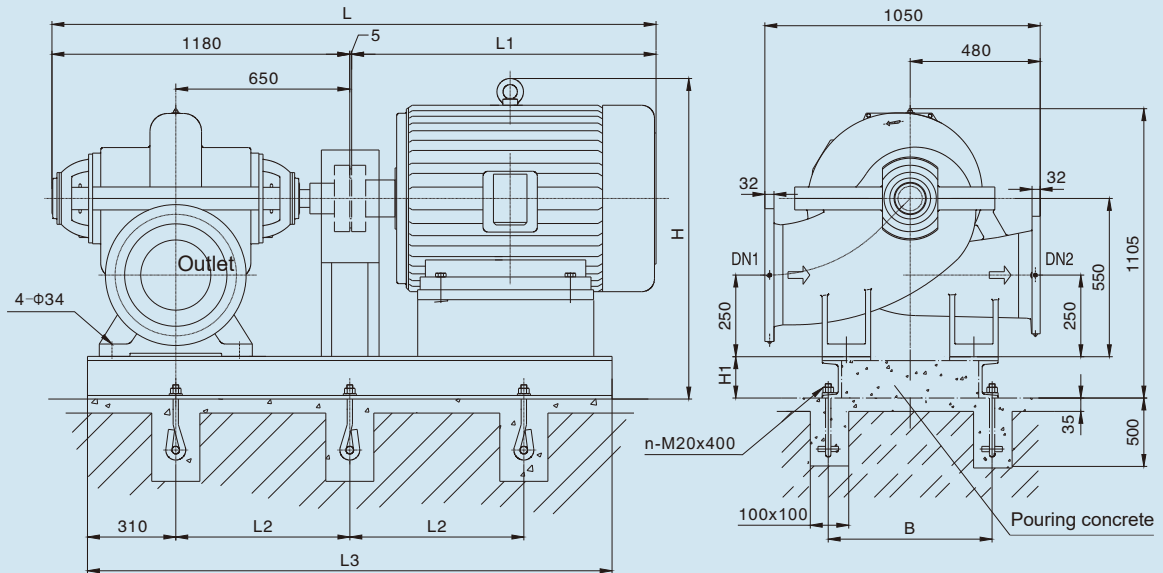
Pump Model	Motor				Dimension mm							Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	Motor	Base
KQSN300-M13/N13	Y315S-4	380	IV	110	2389	1307	650	1775	560	1225	160	1018	387
	Y280M-4	380	IV	90	2162	1080	600	1720	560	1125	160	615	300
	Y280S-4	380	IV	75	2132	1050	600	1670	560	1125	160	550	297
	Y250M-4	380	IV	55	2042	960	530	1620	560	1070	140	494	296

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

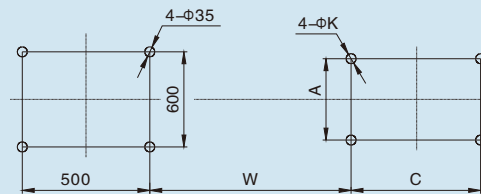
KQSN300-M13W(J) Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M13W	406	756	210.0	54	1480	148.7	220	75	5.3	1020
		1260	350.0	46		178.7		88		
		1512	420.0	38		197.9		80		
	390	726	201.6	50	1480	133.3	185	74	5.2	1018
		1210	336.0	42		160.9		86.5		
		1452	403.2	34		168.1		79		
	357	665	184.8	42	1480	105.6	160	72	5.1	1016
		1109	308.0	35		127.6		84		
		1331	369.6	28		132.9		77		
	333	620	172.2	36	1480	87.9	132	70	5.0	1015
		1033	287.0	31		104.5		83		
		1240	344.4	25		110.4		75		
KQSN300-M13WJ	406	506	140.5	24	990	43.3	75	75	3.0	1020
		843	234.1	21		53.5		88		
		1011	280.9	17		60.0		80		
	390	485	134.9	22	990	38.8	55	74	2.9	1018
		809	224.8	19		48.2		86.5		
		971	269.7	16		53.8		79		
	357	445	123.6	18	990	30.7	45	72	2.8	1016
		742	206.0	16		38.2		84		
		890	247.2	14		42.5		77		
	333	415	115.2	16	990	25.6	37	70	2.7	1015
		691	192.0	14		31.3		83		
		829	230.4	12		35.3		75		

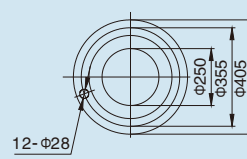
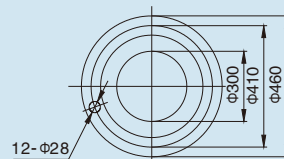


Installation foundation dimension without base :



Inlet flange DN 1

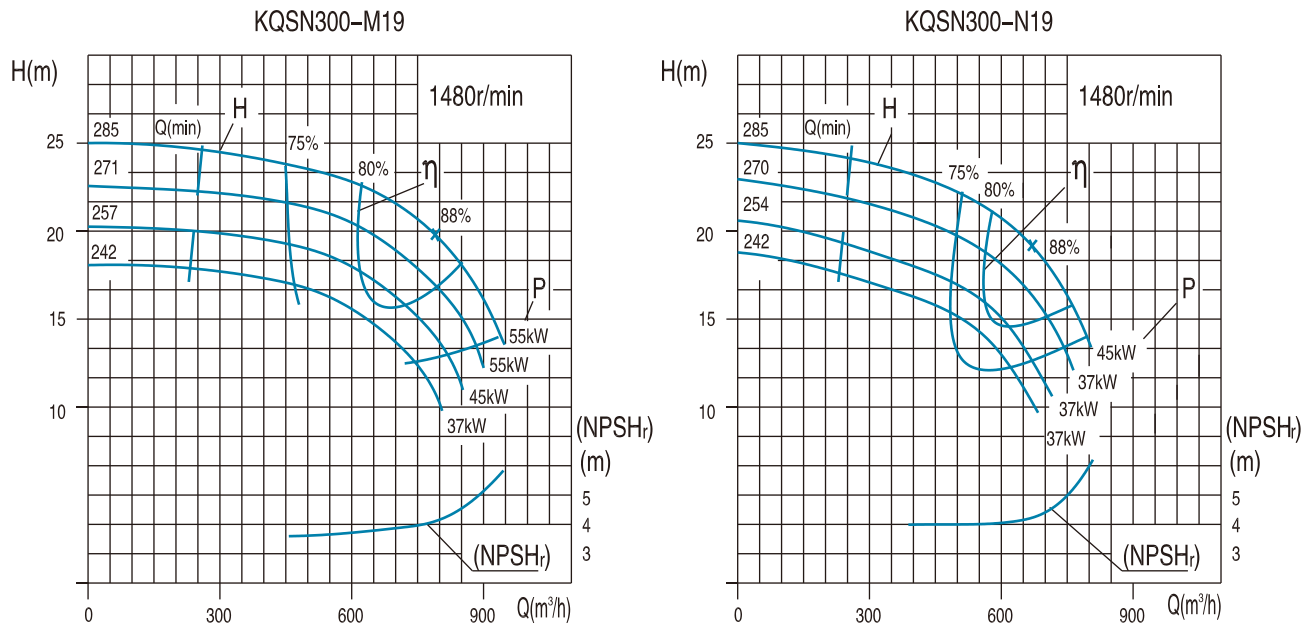
Outlet flange DN 2



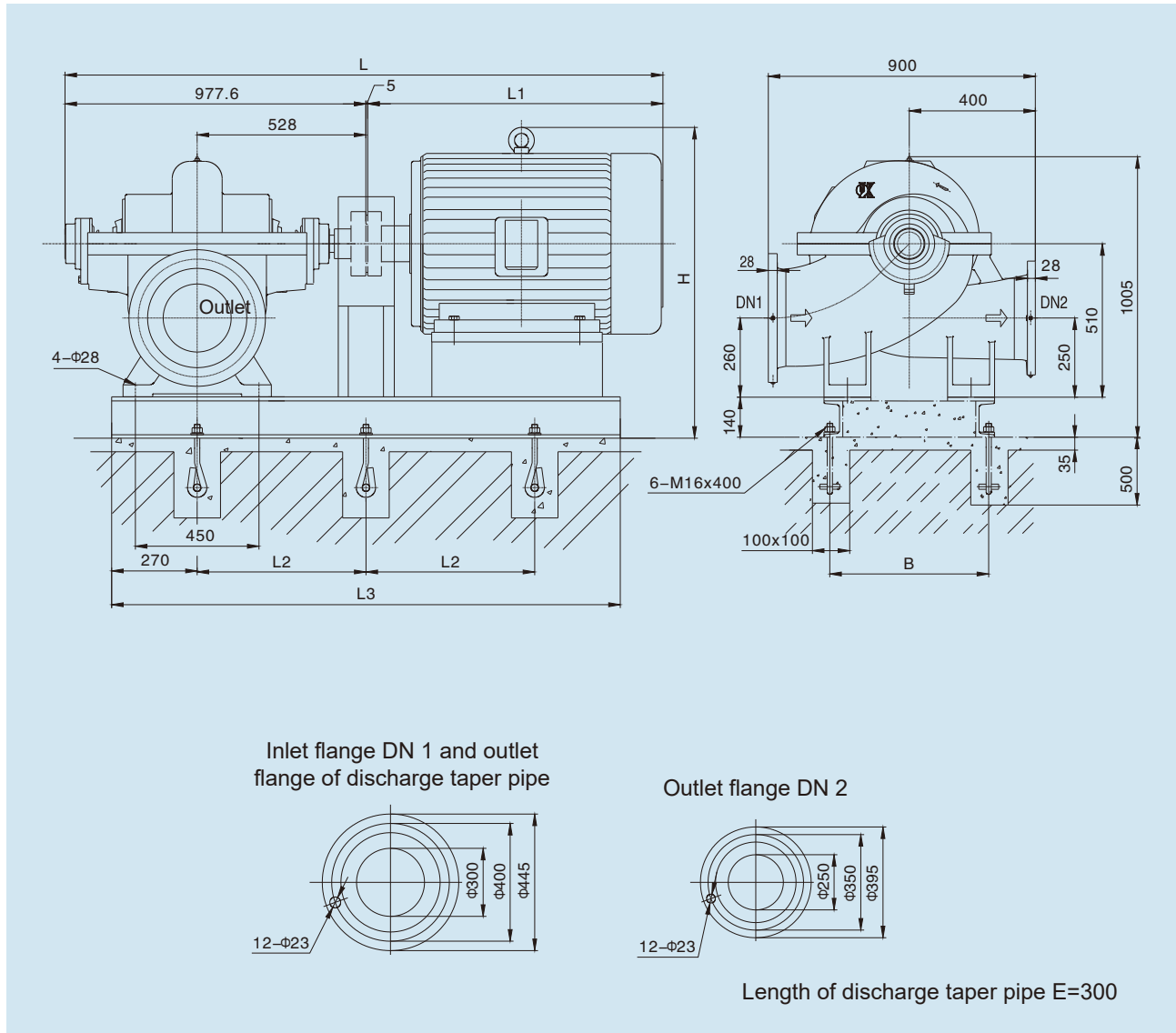
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN300-M13W	YKK355-4	6000	III / II	185~220	3255	2070	690	2690	740	1820	205	930	630	900	28	2600	560	8
	YKK450-4	10000	III / II	220	3395	2210	775	2940	920	1965	205	970	800	1120	35	3700	590	8
	Y355M1-4	380	IV	220	2676	1491	750	2065	700	1360	205	829	610	560	28	1705	513	6
	Y315L2-4	380	IV	185	2622	1437	640	1985	620	1290	185	791	508	508	28	1582	438	6
	Y355S1-4	380	IV	160	2676	1491	750	2065	700	1360	205	829	610	500	28	1582	513	6
	Y315M-4	380	IV	132	2622	1437	640	1915	620	1290	185	791	508	457	28	1192	436	6
KQSN300-M13WJ	Y315S-6	380	IV	75	2492	1307	640	1900	620	1290	185	791	508	406	28	954	425	6
	Y280M-6	380	IV	55	2265	1080	640	1810	620	1170	165	735	457	419	24	530	408	6
	Y280S-6	380	IV	45	2235	1050	640	1760	620	1170	165	735	457	368	24	495	397	6
	Y250M-6	380	IV	37	2145	960	640	1710	620	1135	165	713	406	349	24	470	386	6

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN300-M(N)19 Technical Data



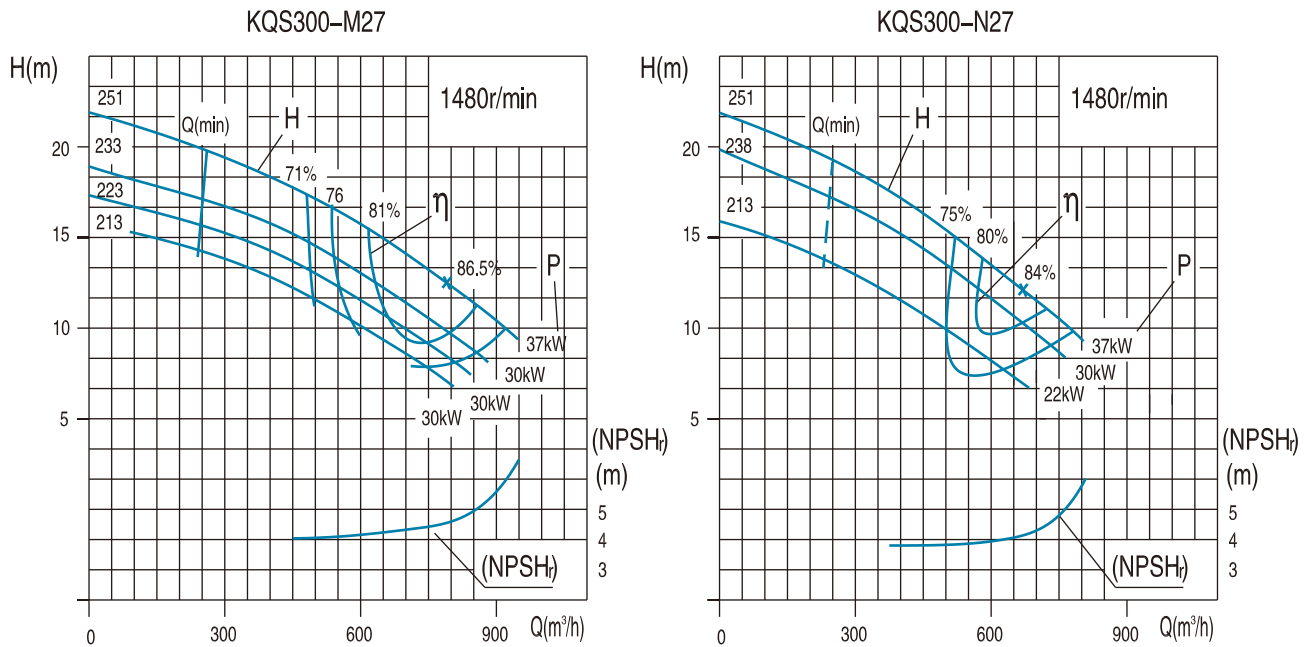
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN300-M19	285	474	131.7	24	1480	39.7	55	78	4.1	508
		790	219.4	20	1480	48.4	55	88	4.1	508
		948	263.3	14	1480	43.2	55	81	4.1	508
	271	450	125.1	22	1480	35.4	55	75	4.0	506
		751	208.5	18	1480	43.0	55	85	4.0	506
		901	250.2	12	1480	38.4	55	78	4.0	506
	257	427	118.5	19	1480	31.3	45	72	3.9	504
		711	197.5	16	1480	37.9	45	82	3.9	504
	242	853	237.0	11	1480	34.0	45	75	3.9	504
		403	111.9	17	1480	27.5	37	69	3.8	502
	242	672	186.5	14	1480	33.1	37	79	3.8	502
		806	223.8	10	1480	29.8	37	72	3.8	502
KQSN300-N19	285	402	111.7	23	1480	36.2	45	70	4.2	507
		670	186.2	19	1480	39.7	45	88	4.2	507
		804	223.4	13	1480	36.3	45	80	4.2	507
	270	382	106.4	20	1480	31.0	37	67	4.1	505
		637	176.9	16	1480	32.6	37	85	4.1	505
		764	212.2	12	1480	32.4	37	77	4.1	505
	254	358	99.4	18	1480	27.9	37	64	3.9	503
		597	165.8	15	1480	30.1	37	82	3.9	503
		716	198.9	11	1480	27.6	37	74	3.9	503
	242	342	95.0	17	1480	25.5	37	61	3.7	501
		570	158.3	14	1480	27.2	37	79	3.7	501
		684	189.9	10	1480	25.1	37	71	3.7	501



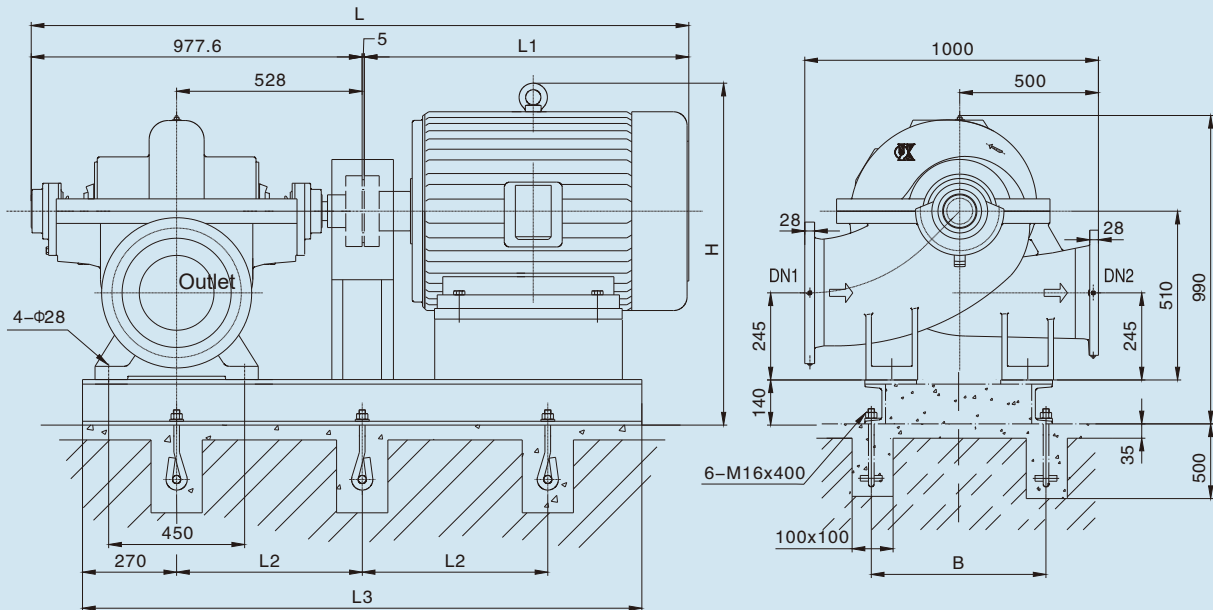
Pump Model	Motor				Dimension mm						Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	Motor	Base
KQSN300-M19/N19	Y250M-4	380	IV	55	1942.6	960	530	1540	560	1070	494	220
	Y225M-4	380	IV	45	1893.6	911	450	1440	560	1015	375	215
	Y225S-4	380	IV	37	1868.6	886	450	1440	560	1015	350	215

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

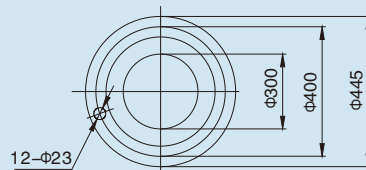
KQSN300-M(N)27 Technical Data



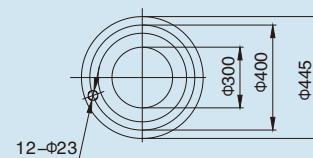
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN300-M27	251	474	131.7	18	1480	31.8	37	72	4.6	476
		790	219.4	13		31.1		86.5		
		948	263.3	10		31.9		81		
	233	441	122.5	15	1480	26.3	30	70	4.4	475
		735	204.1	11		25.6		85		
		882	244.9	8		24.6		79		
	223	422	117.2	14	1480	23.7	30	68	4.3	474
		703	195.3	10		23.0		83		
		844	234.4	7		22.2		77		
KQSN300-N27	251	402	111.7	17	1480	29.8	37	63	4.2	475
		670	186.2	12		26.3		84		
		804	223.4	10		27.2		79		
	238	382	106.1	15	1480	26.4	30	61	4.0	474
		637	176.9	11		23.1		82		
		764	212.3	9		23.9		77		
	213	342	95.0	12	1480	19.5	22	59	3.9	473
		570	158.3	9		17.0		80		
		684	190.0	7		17.6		75		



Inlet flange DN 1



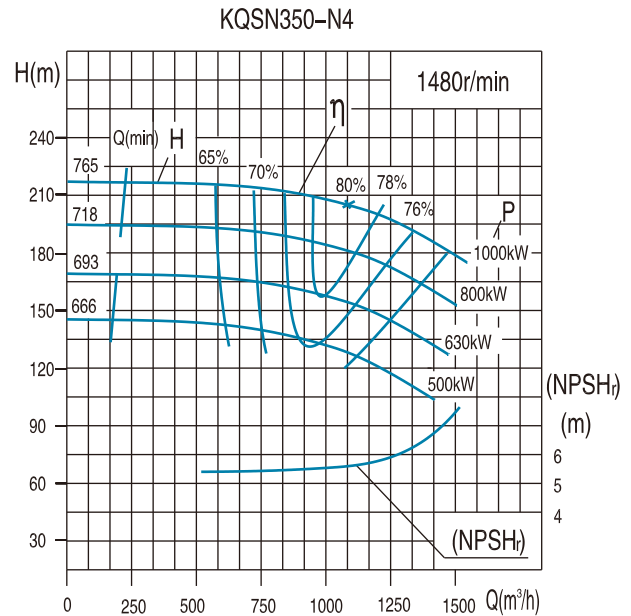
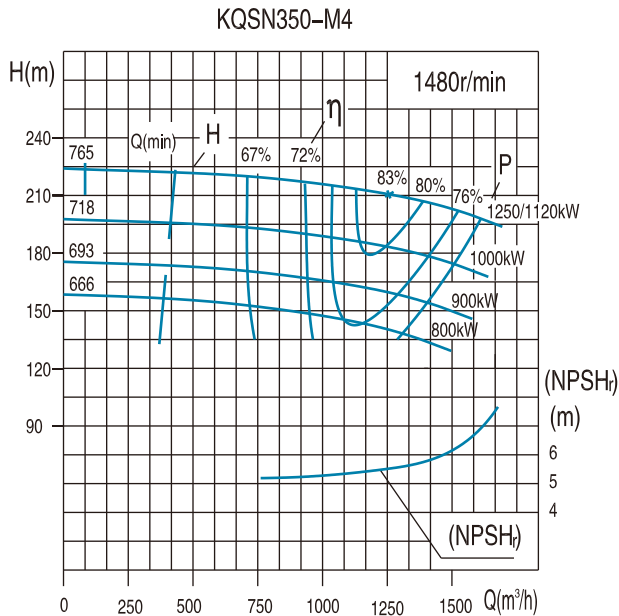
Outlet flange DN 2



Pump Model	Motor				Dimension mm						Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	Motor	Base
KQSN300-M27/N27	Y225S-4	380	IV	37	1869	886	450	1440	560	1015	350	210
	Y200L-4	380	IV	30	1838	855	450	1410	560	990	298	208
	Y180L-4	380	IV	22	1758	775	450	1370	560	948	233	206

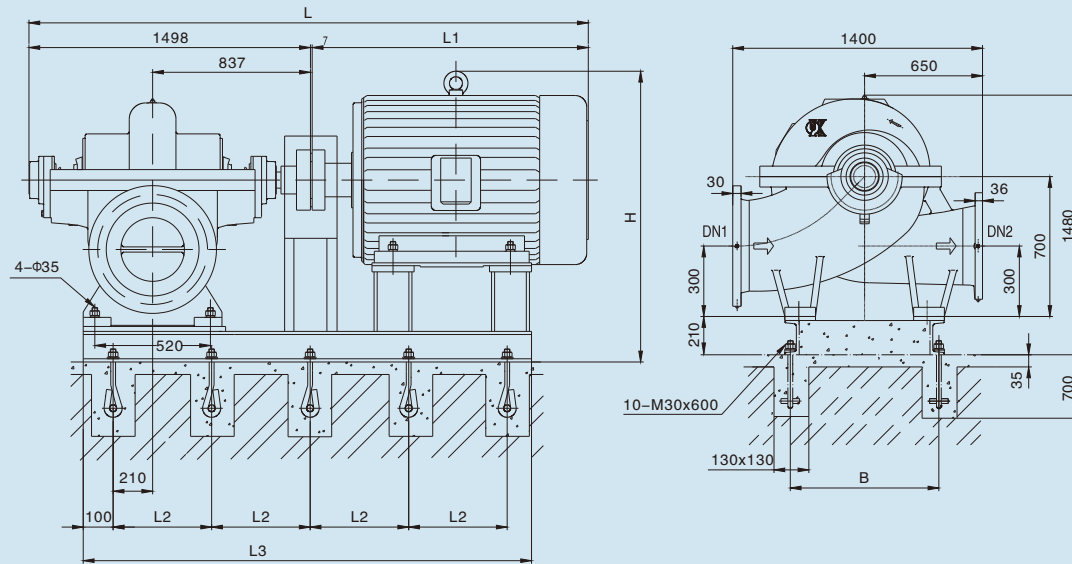
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M(N)4 Technical Data

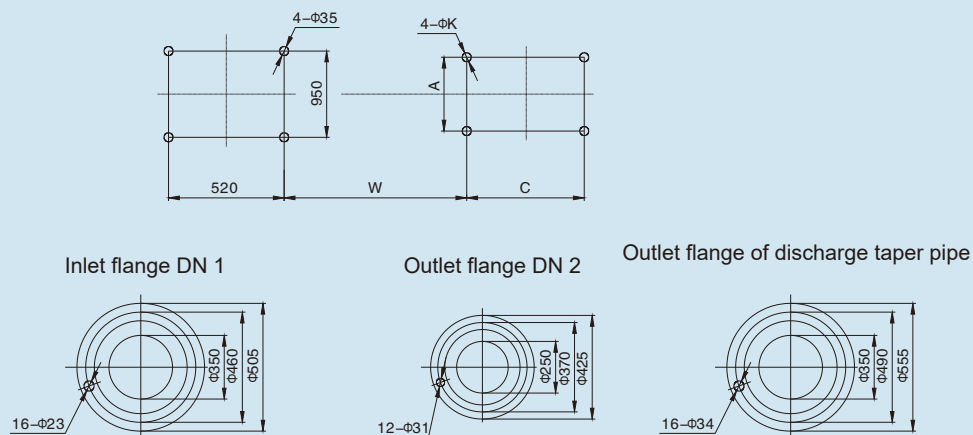


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN350-M4	765	756	210.0	220	1480	666.1	*1250/1120	68	5.5	1998
		1260	350.0	210		868.2		83		
		1660	461.1	192		1127.2		77		
	718	733	203.7	195	1480	581.2	1000	67	5.4	1993
		1222	339.5	185		750.9		82		
		1610	447.3	163		940.5		76		
	693	703	195.3	172	1480	499.0	900	66	5.3	1988
		1172	325.5	163		642.2		81		
		1544	428.8	145		812.8		75		
	666	673	186.9	157	1480	442.6	800	65	5.2	1983
		1121	311.5	147		561.2		80		
		1477	410.4	130		706.8		74		
KQSN350-N4	765	641	178.2	218	1480	577.0	1000	66	5.6	1995
		1069	297.0	207		753.4		80		
		1380	383.3	183		929.4		74		
	718	616	171.1	194	1480	500.5	800	65	5.4	1990
		1026	285.1	182		643.9		79		
		1325	368.0	155		766.0		73		
	693	590	163.9	170	1480	426.9	630	64	5.2	1985
		984	273.2	158		542.6		78		
		1270	352.7	131		629.1		72		
	666	520	144.3	143	1480	321.3	500	63	4.9	1980
		866	240.6	135		413.5		77		
		1141	316.9	110		481.4		71		

Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



Installation foundation dimension without base :

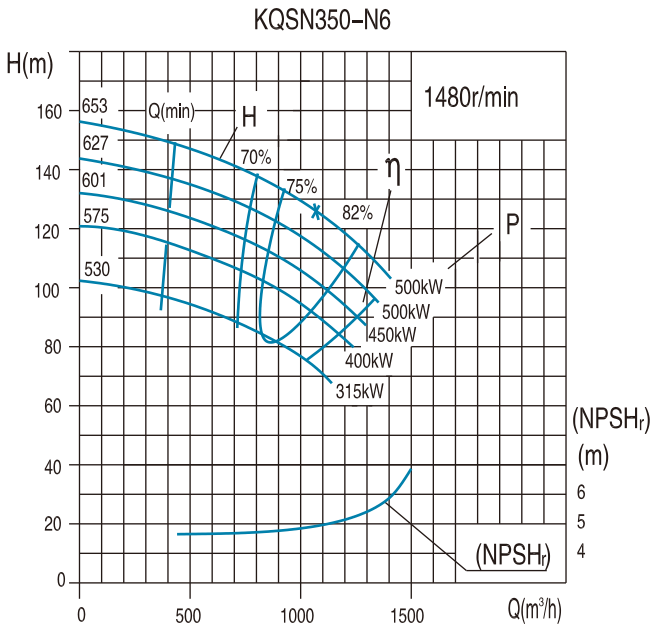
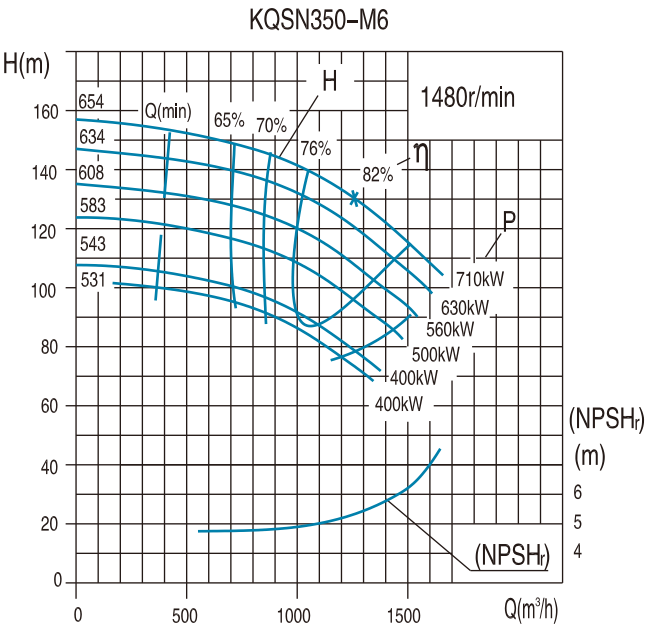


Length of discharge taper pipe E=500

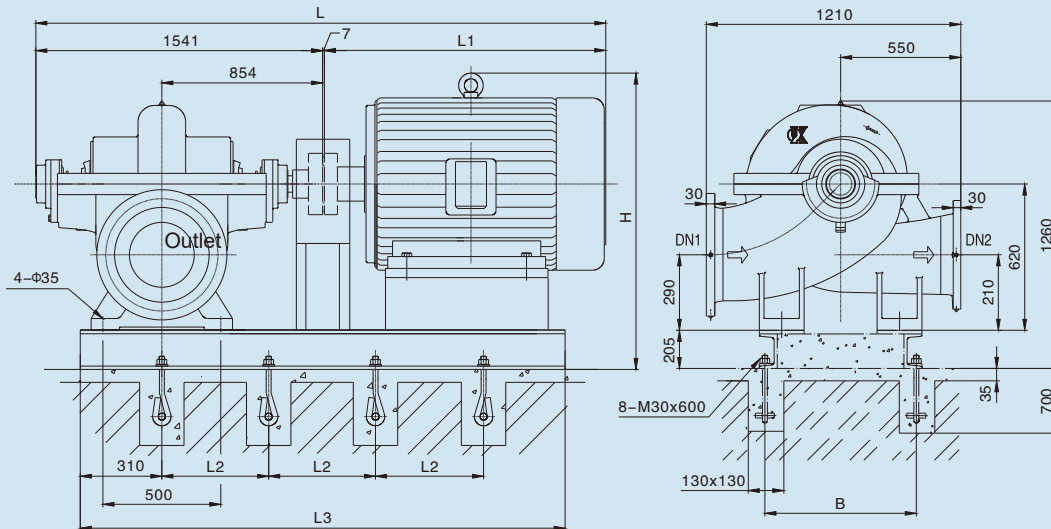
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN350-M4/N4	Y500-4	6000	I / II	1250/1000	4055	2550	760	3330	1100	2065	1309	900	1250	42	4600	682
	Y450-4	6000	I / II	900/800	3685	2180	730	3125	960	1935	1149	800	1120	35	3300	691
	Y450-4	6000	I / II	630	3685	2180	730	3125	960	1935	1149	800	1120	35	3180	691
	Y400-4	6000	I / II	500	3485	1980	690	2970	960	1840	1129	710	1000	35	2520	710
	Y560-4	10000	I / II	1250	3905	2400	780	3425	1150	2100	1334	1000	1400	42	5560	738
	Y500-4	10000	I / II	1000/900	3725	2220	760	3235	1100	1460	1269	900	1250	42	5250	733
	Y500-4	10000	I / II	800/710	3725	2220	760	3235	1100	1460	1269	900	1250	42	4500	733
	Y450-4	10000	I / II	630/500	3555	2050	730	3125	960	1410	1149	800	1120	35	3900	781

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

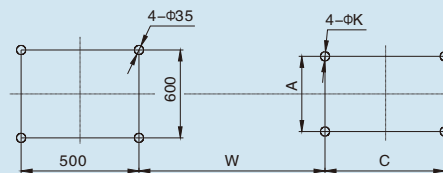
KQSN350-M(N)6 Technical Data



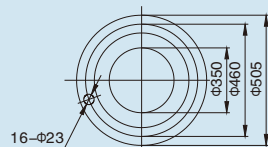
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN350-M6	654	756	210.0	148	1480	461.5	710	66	5.5	1426
		1260	350.0	126		527.3		82		
		1660	461.1	106		630.5		76		
	634	733	203.7	139	1480	427.7	630	65	5.4	1424
		1222	339.5	120		493.1		81		
		1610	447.3	98		573.1		75		
	608	703	195.3	128	1480	382.8	560	64	5.3	1422
		1172	325.5	110		438.8		80		
		1544	428.8	90		511.9		74		
	583	673	186.9	117	1480	340.8	500	63	5.2	1420
		1121	311.5	103		398.8		79		
		1477	410.4	83		454.8		73		
	543	627	174.3	102	1480	285.5	400	61	5.1	1418
		1046	290.5	88		325.5		77		
		1378	382.7	72		379.3		71		
	531	612	170.1	97	1480	269.8	400	60	5.0	1416
		1021	283.5	85		312.5		76		
		1345	373.5	68		357.6		70		
KQSN350-N6	653	641	178.2	143	1480	421.1	500	59	4.9	1426
		1069	297.0	121		429.6		82		
		1380	383.3	95		474.5		75		
	627	616	171.1	132	1480	385.5	500	57	4.8	1424
		1026	285.1	112		389.6		80		
		1325	368.0	88		431.3		73		
	601	590	163.9	121	1480	345.3	450	56	4.7	1422
		984	273.2	102		347.3		79		
		1270	352.7	80		384.8		72		
	575	565	156.8	111	1480	313.3	400	54	4.6	1420
		941	261.3	94		311.8		77		
		1214	337.3	74		346.4		70		
	530	520	144.3	94	1480	253.7	315	52	4.5	1418
		866	240.6	79		248.4		75		
		1141	316.9	65		295.7		68		



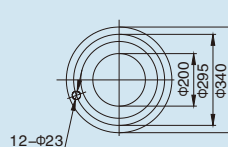
Installation foundation dimension without base :



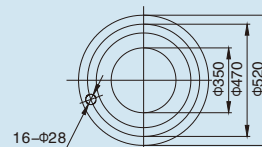
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

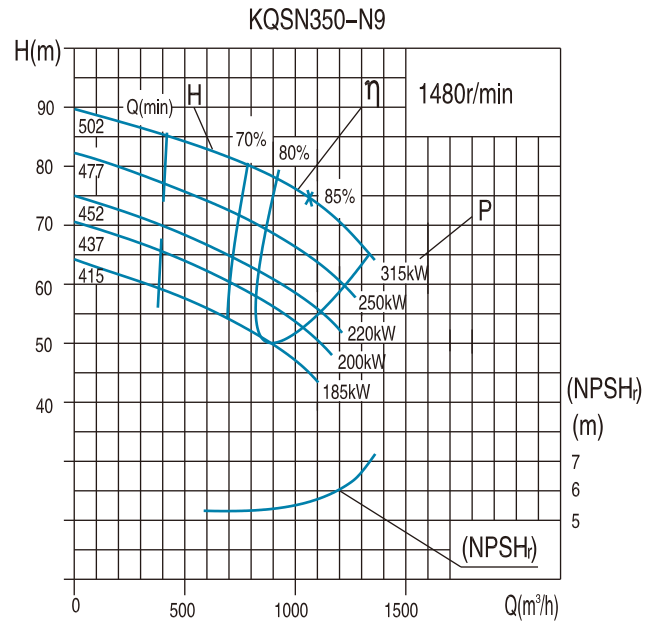
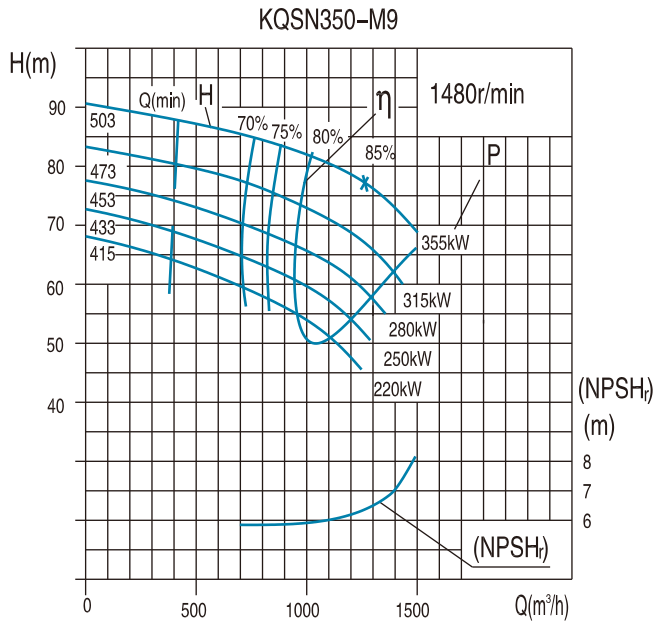


Length of discharge taper pipe E=750

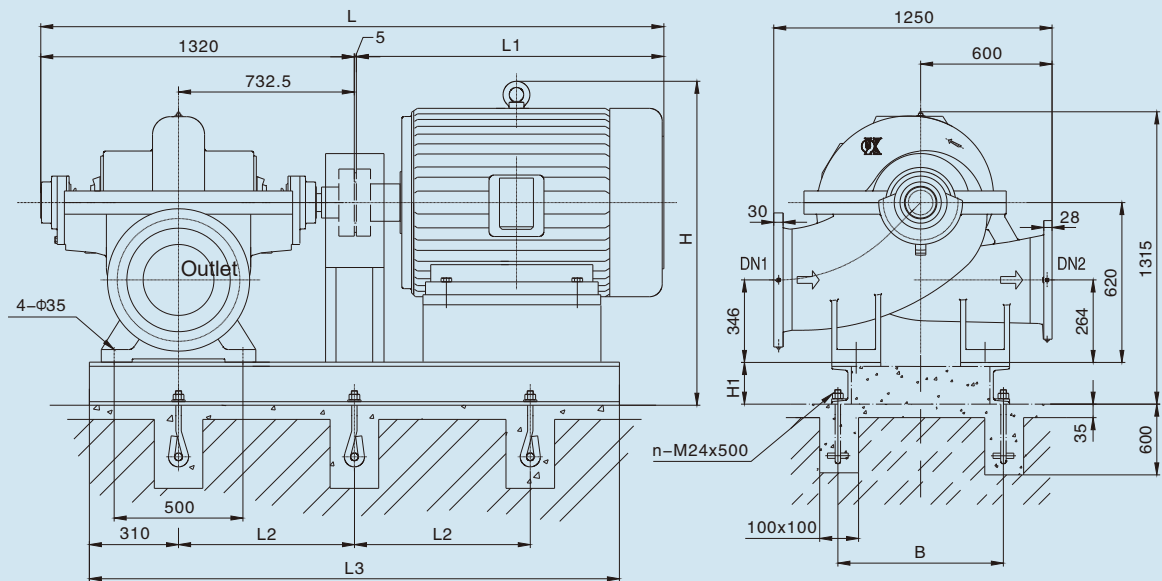
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN350-M6/N6	Y450-4	6000	I / II	710~630	3628	2080	850	317	880	1310	1176	800	1120	35	3210	626
	Y400-4	6000	I / II	560~355	3488	940	800	3000	800	1260	1156	710	1000	35	2620	638
	Y355-4	6000	I / II	315	3438	1890	720	2850	740	1640	1136	630	900	28	1860	625
	Y500-4	10000	I / II	710	3748	2200	900	3250	1050	1375	1296	900	1250	42	4550	650
	Y450-4	10000	I / II	630~315	3598	2050	840	3100	920	1325	1176	800	1120	42	3460	675
	Y400L-4	380	IV	500	3438	1890	700	2710	750	1260	1101	686	710	35	3200	632
	Y400M-4	380	IV	450~400	3438	1890	700	2710	750	1505	1101	686	630	35	3100	632
	Y400S-4	380	IV	355	3438	1890	700	3710	750	1505	1101	686	630	35	2900	628
	Y355L2-4	380	IV	315	3169	1621	580	2305	700	1430	1035	610	630	28	2084	626

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

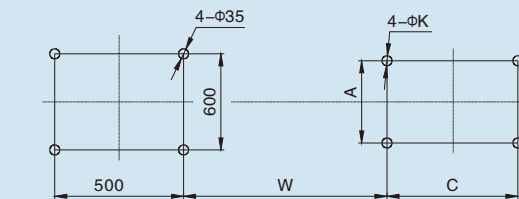
KQSN350-M(N)9 Technical Data



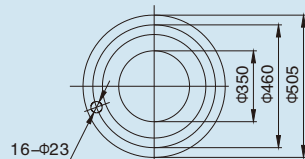
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN350-M9	503	756	210.0	86	1480	252.9	355	70	5.5	1208
		1260	350.0	77		310.8		85		
		1512	420.0	68		345.7		81		
	473	711	197.4	77	1480	216.0	315	69	5.4	1206
		1184	329.0	69		265.1		84		
		1421	394.8	61		295.1		80		
	453	680	189.0	71	1480	193.5	280	68	5.3	1204
		1134	315.0	63		235.5		83		
		1361	378.0	55		258.0		79		
	433	650	180.6	62	1480	164.9	250	67	5.2	1202
		1084	301.0	58		208.0		82		
		1300	361.2	52		236.1		78		
KQSN350-N9	415	624	173.3	57	1480	147.8	220	66	5.1	1200
		1040	288.8	53		185.9		81		
		1247	346.5	46		202.9		77		
	502	641	178.2	83	1480	230.2	315	63	4.9	1207
		1069	297.0	74		253.5		85		
		1283	356.4	67		291.9		80		
	477	609	169.3	75	1480	203.8	250	61	4.8	1205
		1016	282.1	66		219.9		83		
		1219	338.6	59		249.6		78		
	452	577	160.4	67	1480	176.2	220	60	4.7	1203
		962	267.3	59		188.5		82		
		1155	320.7	53		215.9		77		
KQSN350-N9	437	558	155.0	63	1480	162.3	200	59	4.6	1201
		940	261.1	56		177.0		81		
		1116	310.1	50		199.5		76		
	415	529	147.0	56	1480	140.4	185	58	4.5	1199
		882	245.0	50		151.2		80		
		1058	294.0	46		174.8		75		



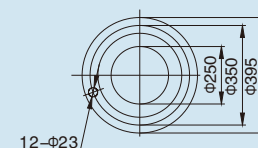
Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

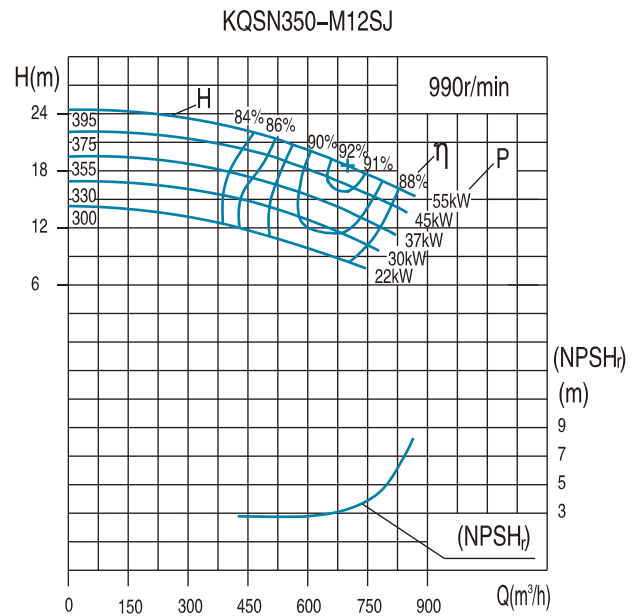
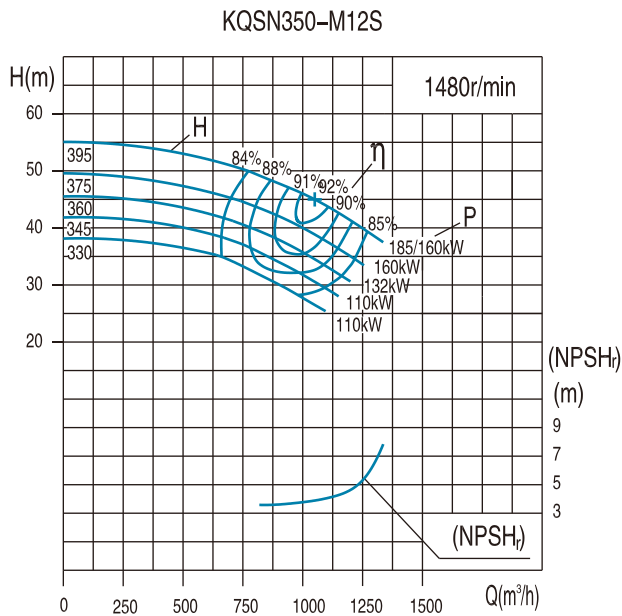


Length of discharge taper pipe E=500

Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN350-M9/N9	Y400-4	6000	I / II	355	3305	1980	750	2880	840	1755	205	1033	710	1000	35	2280	560	8
	Y355-4	6000	I / II	315	3215	1890	700	2750	740	1640	205	1013	630	900	28	1860	550	8
	Y355-4	6000	I / II	280~200	3215	1890	700	2750	740	1640	205	1013	630	900	28	1800	550	8
	Y450-4	10000	I / II	355~200	3375	2050	800	3000	920	1325	205	1053	800	1120	35	2850	585	8
	Y355L2-4	380	IV	315	2946	1621	880	2220	700	1430	205	911.5	610	630	28	2084	521	6
	Y355L1-4	380	IV	280	2946	1621	880	2220	700	1430	205	911.5	610	630	28	1947	521	6
	Y355M2-4	380	IV	250	2816	1491	800	2145	700	1430	205	911.5	610	560	28	1764	518	6
	Y355M1-4	380	IV	220	2816	1491	800	2145	700	1430	205	911.5	610	560	28	1705	518	6
	Y315L2-4	380	IV	200	2762	1437	680	2040	620	1360	185	873.5	508	508	28	1582	521	6
	Y355S1-4	380	IV	185	2816	1491	800	2145	700	1430	205	911.5	610	500	28	1582	521	6

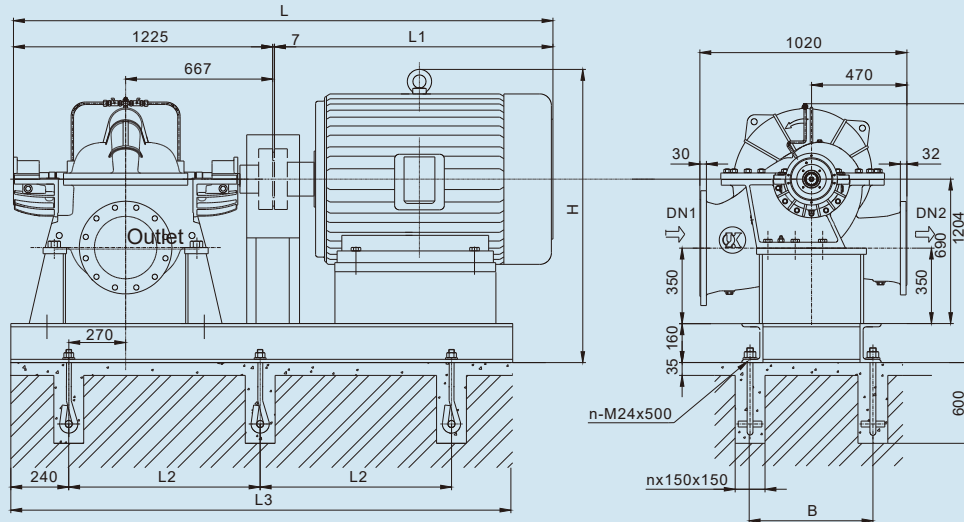
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M12S(J) Technical Data

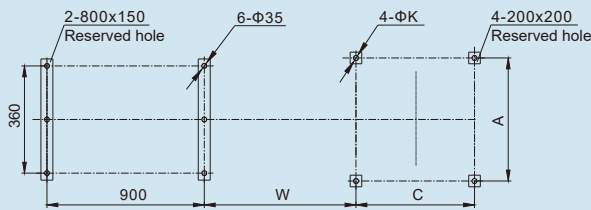


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN350-M12S	395	630	175.0	52	1480	107.5	*185/160	83.0	4.0	973
		1050	291.7	45		139.9		92.0		
		1260	350.0	40		159.6		86.0		
	375	598	166.2	46	1480	91.4	160	82.0	3.8	971
		997	276.9	40		119.3		91.0		
		1196	332.3	35		134.2		85.0		
	360	574	159.5	43	1480	83.0	132	81.0	3.6	969
		957	265.8	37		107.1		90.0		
		1148	319.0	32		117.7		85.0		
	345	550	152.8	40	1480	74.9	110	80.0	3.4	967
		917	254.7	34		95.4		89.0		
		1100	305.7	29		103.5		84.0		
	330	526	146.2	36	1480	65.3	110	79.0	3.4	965
		877	243.6	31		85.1		87.0		
		1052	292.3	26		88.7		84.0		
KQSN350-M12SJ	395	420	116.7	23	990	31.7	55	83.0	3.4	973
		700	194.4	19		39.4		92.0		
		840	233.3	17		43.7		89.0		
	375	399	110.8	21	990	27.8	45	82.0	3.3	971
		665	184.7	17		33.8		91.0		
		798	221.7	15		37.0		88.0		
	355	377	104.8	18	990	22.6	37	82.0	3.2	969
		629	174.7	15		28.5		90.0		
		755	209.7	13		30.4		88.0		
	330	351	97.5	16	990	18.9	30	81.0	3.1	967
		585	162.5	13		23.0		90.0		
		702	195.0	11		23.9		88.0		
	300	319	88.7	13	990	14.1	22	80.0	3.0	965
		532	147.8	11		18.1		88.0		
		638	177.3	9		18.0		87.0		

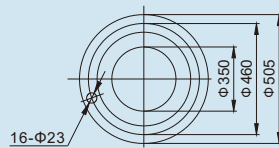
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



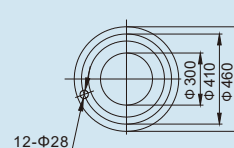
Installation foundation dimension without base :



Inlet flange DN 1



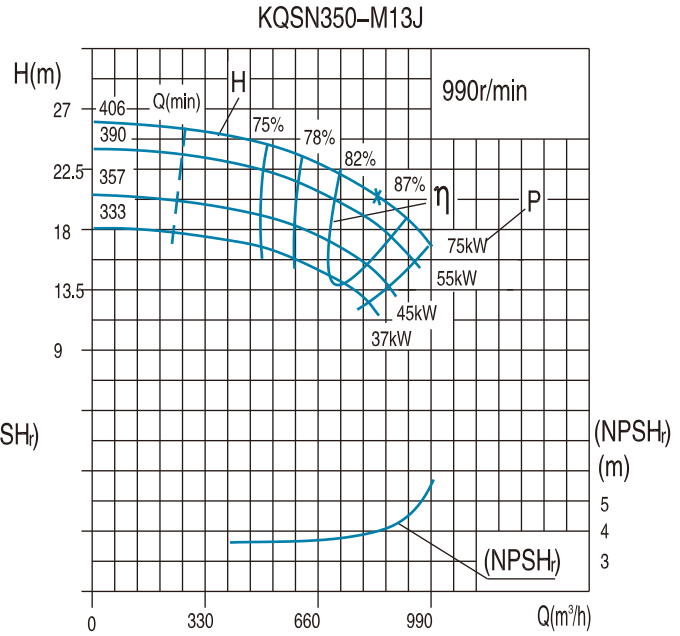
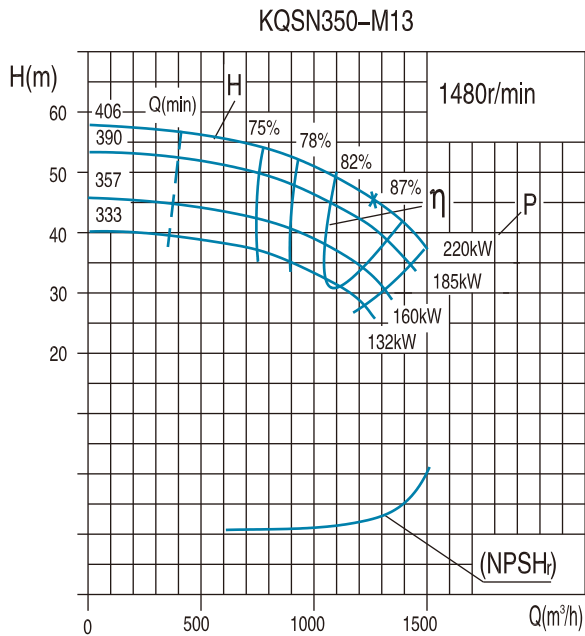
Outlet flange DN 2



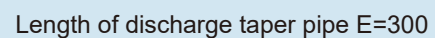
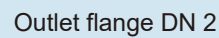
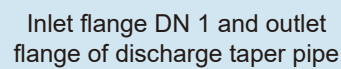
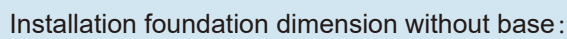
Pump Model	Motor				Dimension mm												Weight kg		Number of Foundation Bolts
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	n (pieces)	
KQSN350-M12S	Y355S1-4	380	IV	185	2723	1491	600	2290	700	1455	160	648	610	500	28	1582	650	8	
	Y315L1-4	380	IV	160	2669	1437	600	2190	650	1405	160	610	508	508	28	1192	600	8	
	Y315M-4	380	IV	132	2669	1437	600	2190	650	1405	160	610	508	457	28	1192	650	8	
	Y315S-4	380	IV	110	2539	1307	800	2080	650	1405	160	610	508	406	28	1018	600	6	
KQSN350-M12SJ	Y280M-6	380	IV	55	2312	1080	800	2030	560	1305	160	554	457	419	24	530	550	6	
	Y280S-6	380	IV	45	2282	1050	700	1980	560	1305	160	554	457	368	24	495	550	6	
	Y250M-6	380	IV	37	2192	960	700	1940	560	1270	160	532	406	349	24	470	500	6	
	Y225M-6	380	IV	30	2143	911	700	1875	560	1215	160	513	356	311	19	350	500	6	
	Y200L2-6	380	IV	22	2087	855	700	1814	560	1190	160	467	318	305	19	280	480	6	

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M(N)13 Technical Data



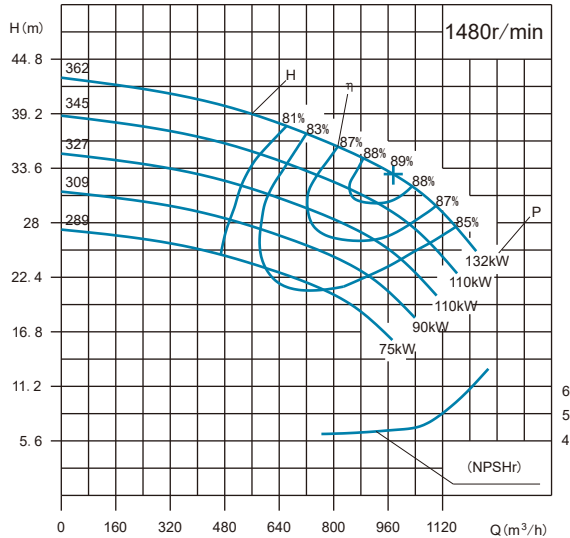
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN350-M13	406	756	210.0	54	1480	148.7	220	75	5.5	1110
		1260	350.0	46		180.8		87		
		1512	420.0	38		197.9		80		
	390	726	201.6	50	1480	133.3	185	74	5.3	1108
		1210	336.0	42		161.8		86		
		1452	403.2	34		168.1		79		
	357	665	184.8	42	1480	105.6	160	72	5.1	1106
		1109	308.0	35		126.1		85		
		1331	369.6	28		132.9		77		
	333	620	172.2	36	1480	87.9	132	70	4.9	1105
		1033	287.0	31		103.2		84		
		1240	344.4	25		110.4		75		
KQSN350-M13J	406	506	140.5	24	990	43.3	75	75	4.0	1110
		843	234.1	21		54.1		87		
		1011	280.9	17		60.0		80		
	390	485	134.9	22	990	38.8	55	74	3.9	1108
		809	224.8	19		48.4		86		
		971	269.7	16		53.8		79		
	357	445	123.6	18	990	30.7	45	72	3.8	1106
		742	206.0	16		37.7		85		
		890	247.2	14		42.5		77		
	333	415	115.2	16	990	25.6	37	70	3.7	1105
		691	192.0	14		30.9		84		
		829	230.4	12		35.3		75		



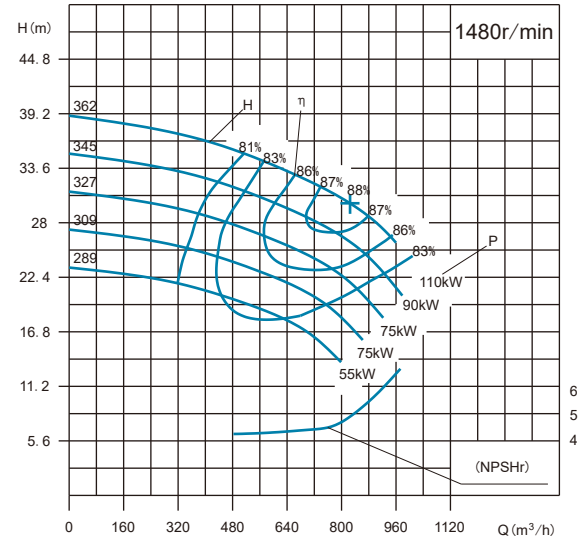
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KQSN350-M(N)14 Technical Data

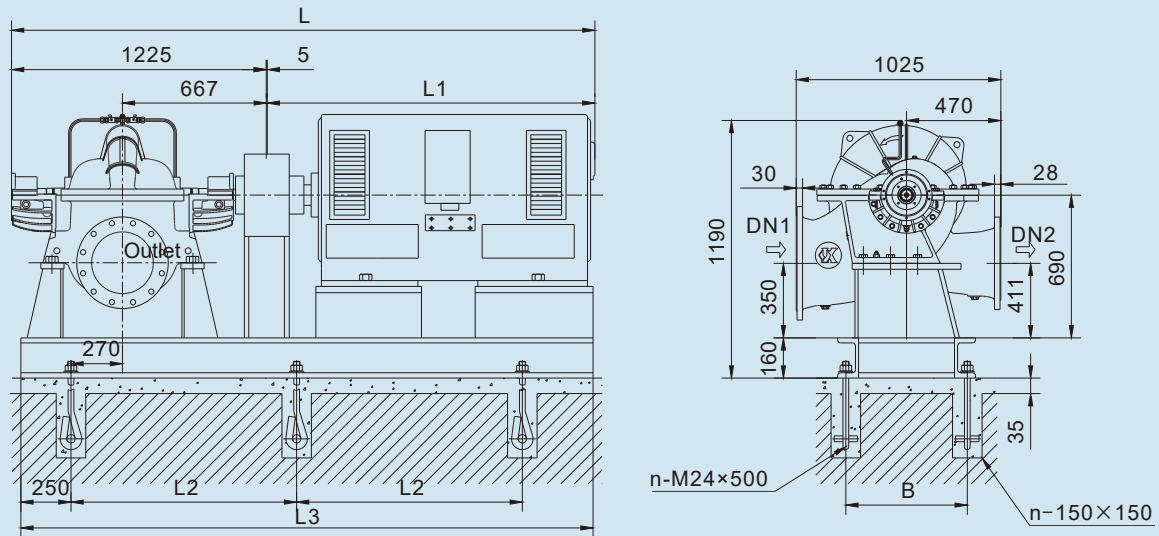
KQSN350-M14



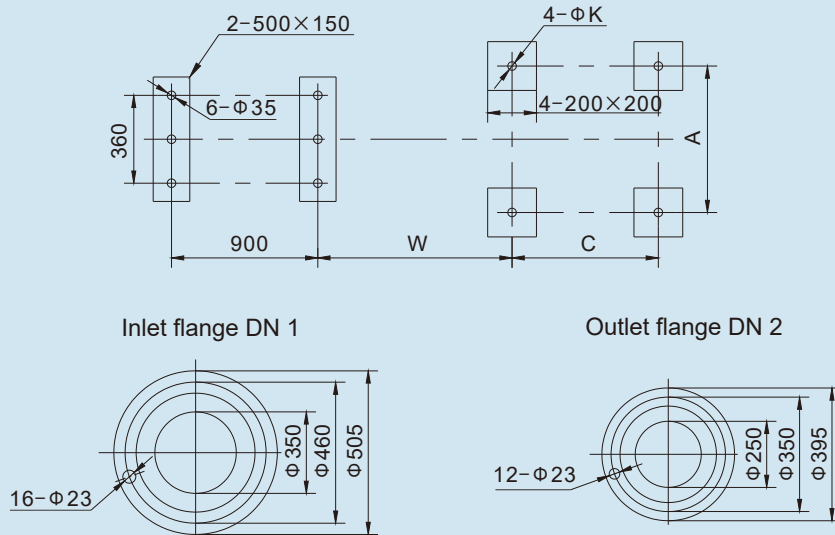
KQSN350-N14



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN350-M14	362	585	163	39	1480	81.1	132	77	4.5	920
		975	271	33		98.5		89		
		1170	325	27		106.6		82		
	345	558	155	35	1480	71.1	110	76	4.4	919
		930	258	30		86.4		88		
		1116	310	25		93.5		81		
	327	529	147	32	1480	61.4	110	75	4.3	918
		882	245	27		74.6		87		
		1058	294	22		80.7		80		
	309	499	139	28	1480	52.0	90	74	4.2	917
		831	231	24		63.2		86		
		998	277	20		68.4		79		
	289	467	130	25	1480	43.1	75	73	4.1	916
		778	216	21		52.4		85		
		933	259	17		56.7		78		
KQSN350-N14	362	495	138	35	1480	63.1	110	76	4.4	920
		825	229	30		76.6		88		
		990	275	25		82.9		81		
	345	470	130	32	1480	55.1	90	74	4.3	919
		783	217	27		67.0		86		
		939	261	22		72.5		79		
	327	443	123	28	1480	46.7	75	73	4.2	918
		738	205	24		56.8		85		
		885	246	20		61.4		78		
	309	414	115	25	1480	38.7	75	72	4.1	917
		690	192	21		47.0		84		
		828	230	17		50.9		77		
	289	383	107	21	1480	31.1	55	71	4.0	916
		639	178	18		37.8		83		
		767	213	15		40.9		76		



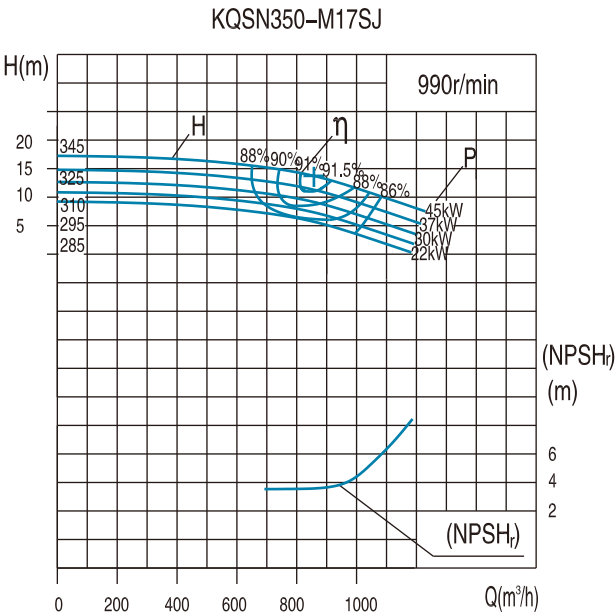
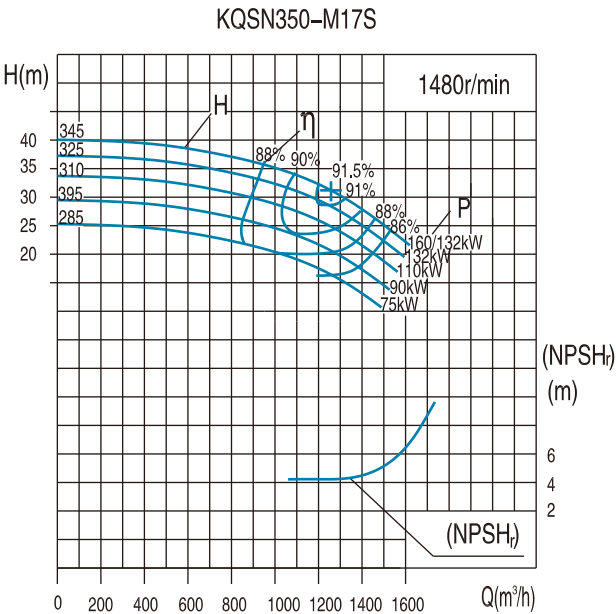
Installation foundation dimension without base:



Pump Model	Motor				Dimension mm												Weight kg		Number of Foundation Bolts
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	n (pieces)	
KQSN350-M14/N14	Y315M-4	380	IV	132	2667	1437	600	2190	650	1405	160	608	508	457	28	1192	440	8	
	Y315S-4	380	IV	110	2537	1307	800	2080	650	1405	160	608	508	406	28	1018	435	6	
	Y280M-4	380	IV	90	2310	1080	750	2020	600	1305	160	552	457	419	24	615	430	6	
	Y280S-4	380	IV	75	2280	1050	750	2020	600	1305	160	552	457	368	25	550	428	6	
	Y250M-4	380	IV	55	2190	960	700	1900	600	1270	160	530	406	349	26	494	425	6	

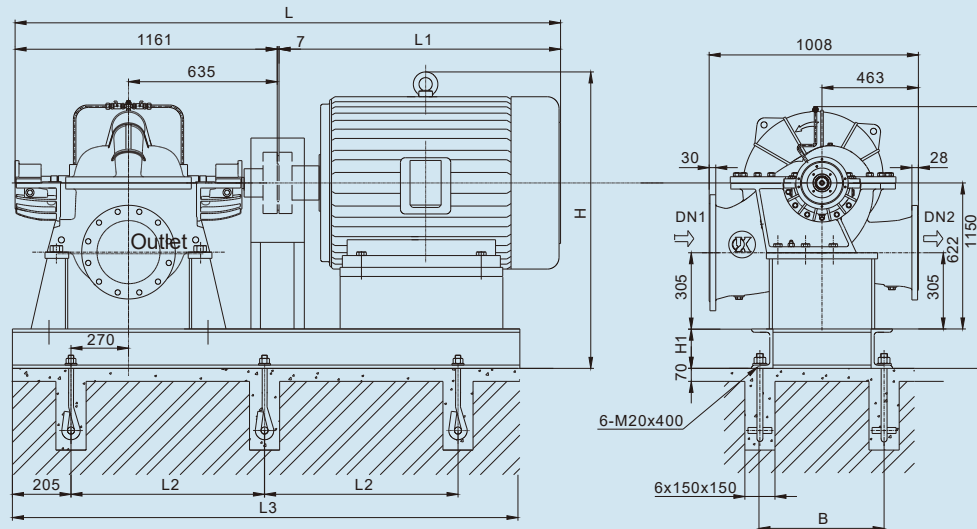
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M17S(J) Technical Data

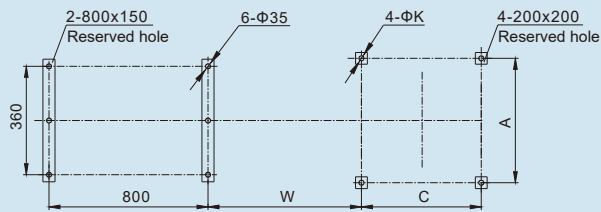


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN350-M17S	345	756	210.0	37	1480	89.4	*160/132	86.0	4.3	850
		1260	350.0	31		116.3		91.5		
		1512	420.0	25		117.1		86.5		
	325	714	198.4	35	1480	79.2	132	85.0	4.2	848
		1190	330.6	29		104.4		90.0		
		1428	396.7	23		103.4		86.5		
	310	682	189.3	31	1480	68.1	110	84.5	4.1	846
		1136	315.6	27		93.9		89.0		
		1363	378.7	21		90.4		86.2		
	295	652	181.1	28	1480	60.4	90	83.0	4.0	844
		1087	301.8	24		80.7		88.0		
		1304	362.2	19		78.9		85.5		
	285	622	172.9	26	1480	54.4	75	81.0	3.9	842
		1037	288.2	20		64.7		87.5		
		1245	345.8	17		66.2		87.0		
KQSN350-M17SJ	345	510	141.7	16	990	25.5	45	87.0	3.5	850
		850	236.1	14		34.6		91.5		
		1020	283.3	11		34.9		87.0		
	325	480	133.3	14	990	21.3	37	86.1	3.4	848
		800	222.2	12		28.7		91.0		
		960	266.7	9		27.3		86.3		
	310	456	126.7	12	990	17.3	30	86.0	3.3	846
		760	211.1	10		24.0		90.5		
		912	253	8		22.3		86.2		
	295	438	121.7	10	990	14.0	30	85.5	3.2	844
		730	202.8	8		17.9		89.0		
		876	243.3	7		19.5		85.8		
	285	420	116.7	9	990	12.3	22	84.0	3.1	842
		700	194.5	7		15.3		87.5		
		840	233.4	6		16.2		85.0		

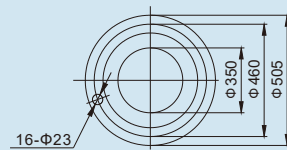
Notice:For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



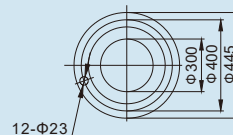
Installation foundation dimension without base :



Inlet flange DN 1



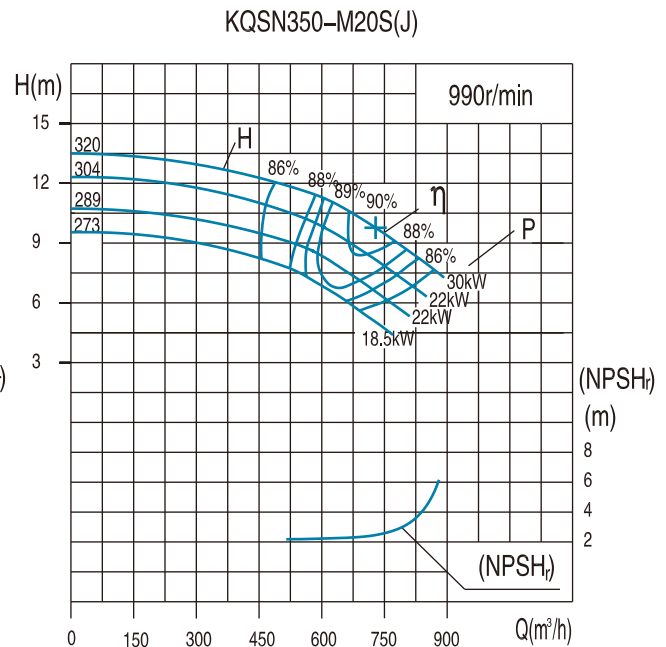
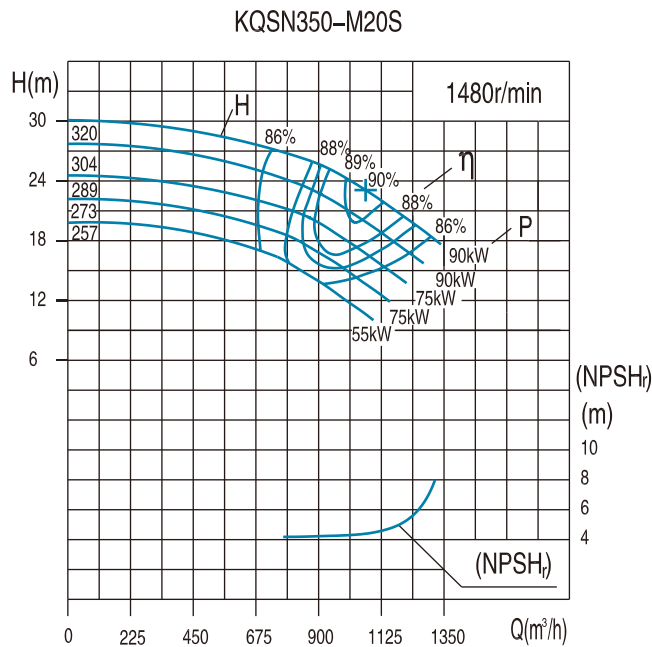
Outlet flange DN 2



Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN350-M17S	Y315L1-4	380	IV	160	2605	1437	830	2130	650	1337	160	628	508	508	28	1192	345	6
	Y315M-4	380	IV	132	2605	1437	830	2130	650	1337	160	628	508	457	28	1192	345	6
	Y315S-4	380	IV	110	2475	1307	800	2015	650	1337	160	628	508	406	28	1018	330	6
	Y280M-4	380	IV	90	2248	1080	750	1960	600	1237	160	572	457	419	28	615	320	6
	Y280S-4	380	IV	75	2218	1050	750	1960	600	1237	160	572	457	368	28	550	310	6
KQSN350-M17SJ	Y280S-6	380	IV	45	2218	1050	750	1960	600	1237	160	572	457	368	24	495	310	6
	Y250M-6	380	IV	37	2128	960	720	1865	550	1202	160	550	406	349	24	470	300	6
	Y225M-6	380	IV	30	2079	911	690	1800	550	1147	160	531	356	311	18.5	350	290	6
	Y200L2-6	380	IV	22	2023	855	660	1740	550	1122	160	485	318	305	18.5	280	280	6

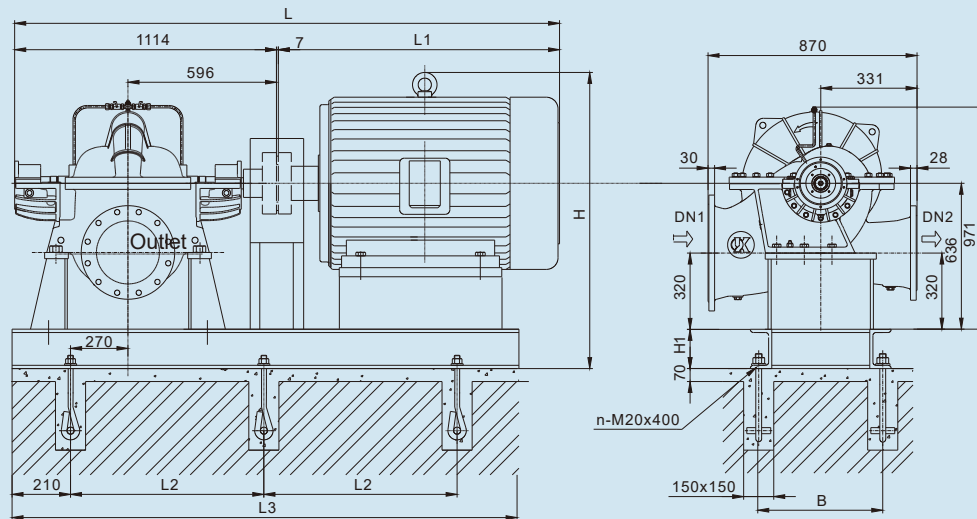
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M20S(J) Technical Data

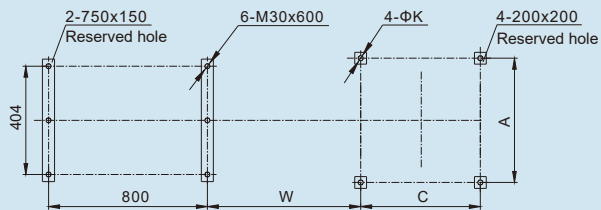


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN350-M20S	320	660	183.3	28	1480	59.2	90	85.0	4.2	680
		1100	305.6	23		76.6		90.0		
		1320	366.7	18		75.2		86.0		
	304	628	174.3	26	1480	52.3	90	85.0	4.1	678
		1046	290.6	21		67.2		89.0		
		1255	348.7	16		63.6		86.0		
	289	596	165.5	24	1480	46.4	75	84.0	4.0	676
		993	275.8	19		57.7		89.0		
		1192	331.0	15		57.3		85.0		
	273	563	156.5	22	1480	40.7	75	83.0	3.9	674
		939	260.8	17		50.0		87.0		
		1127	313.0	13		47.5		84.0		
	257	531	147.5	19	1480	33.1	55	83.0	3.8	672
		885	245.8	15		42.0		86.0		
		1062	295.0	11		37.9		84.0		
KQSN350-M20SJ	320	442	122.7	13	990	18.4	30	85.0	2.6	680
		736	204.4	10		22.3		90.0		
		883	245.3	8		22.9		84.0		
	304	419	116.5	12	990	16.3	22	84.0	2.5	678
		699	194.2	9		19.2		89.0		
		839	233.0	7		19.0		84.0		
	289	399	110.8	11	990	14.6	22	82.0	2.4	676
		665	184.7	8		16.5		88.0		
		798	221.7	6		15.3		85.0		
	273	377	104.7	10	990	12.7	18.5	81.0	2.3	674
		628	174.4	7		13.8		87.0		
		754	209.3	5		12.2		84.0		

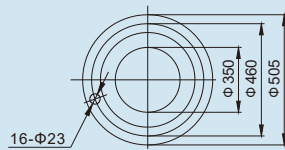
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



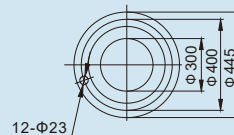
Installation foundation dimension without base:



Inlet flange DN 1



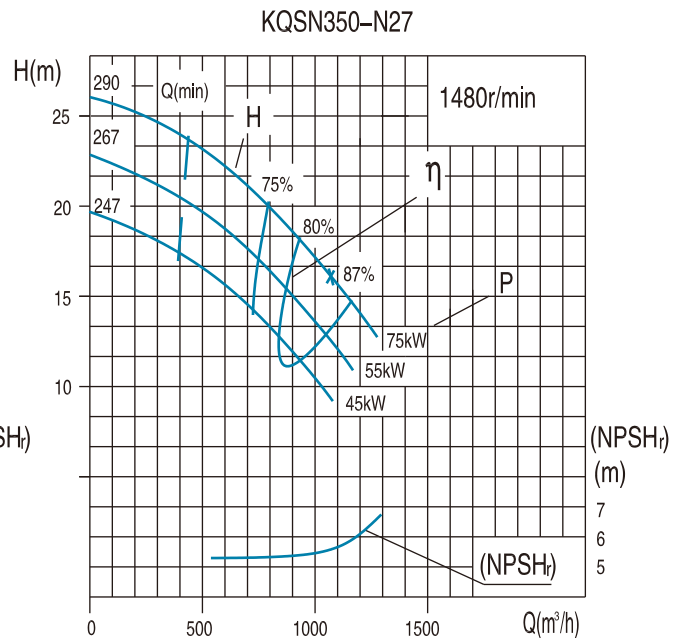
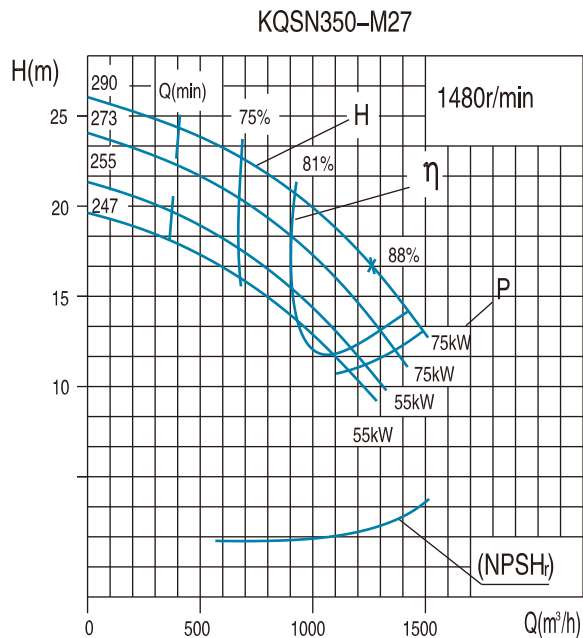
Outlet flange DN 2



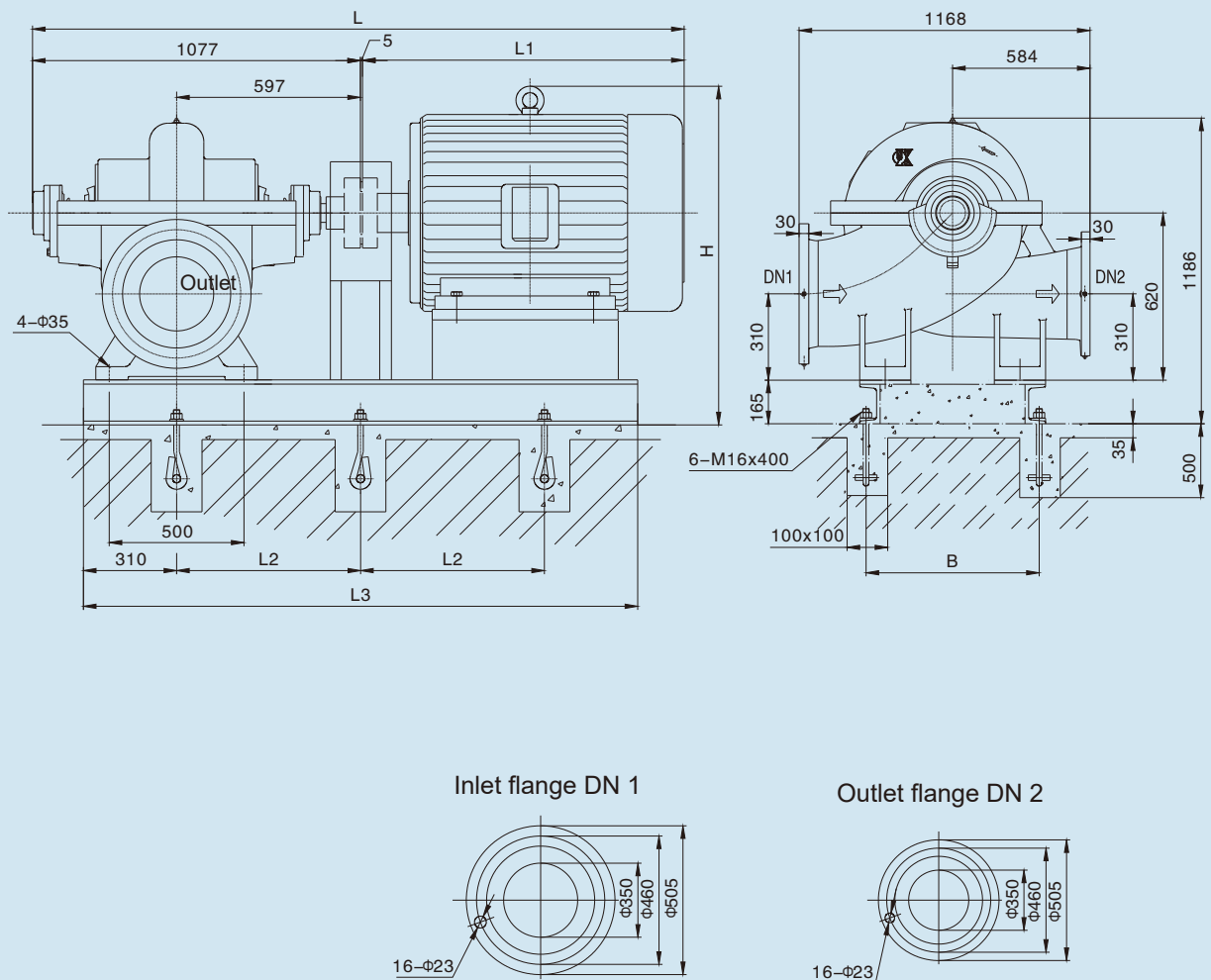
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN350-M20S	Y280M-4	380	IV	90	2201	1080	750	1920	600	1251	160	533	457	419	24	615	296	6
	Y280S-4	380	IV	75	2171	1050	750	1920	600	1251	160	533	457	368	24	550	297	6
	Y250M-4	380	IV	55	2081	960	700	1800	600	1216	160	511	406	349	24	494	300	6
KQSN350-M20SJ	Y225M-6	380	IV	30	2032	911	650	1735	550	1161	160	492	356	311	19	350	210	6
	Y200L2-6	380	IV	22	1976	855	620	1650	550	1136	160	446	318	305	19	280	208	6
	Y200L1-6	380	IV	18.5	1976	855	620	1650	550	1136	160	446	318	305	19	275	208	6

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN350-M(N)27 Technical Data



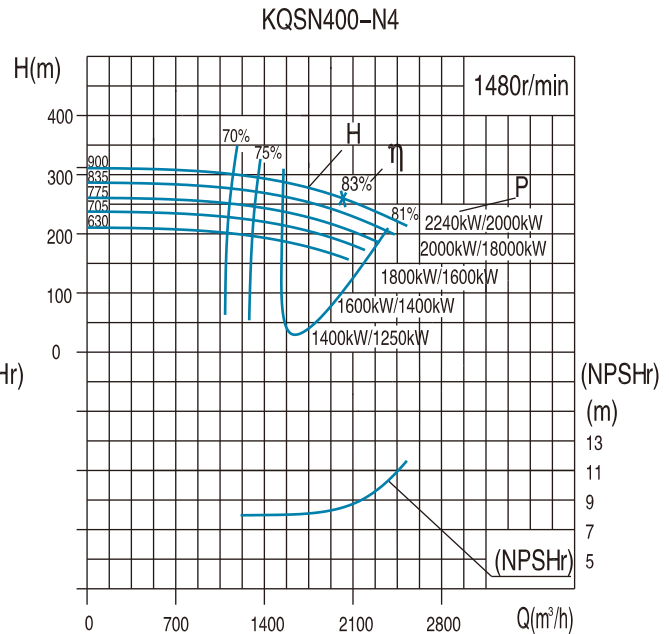
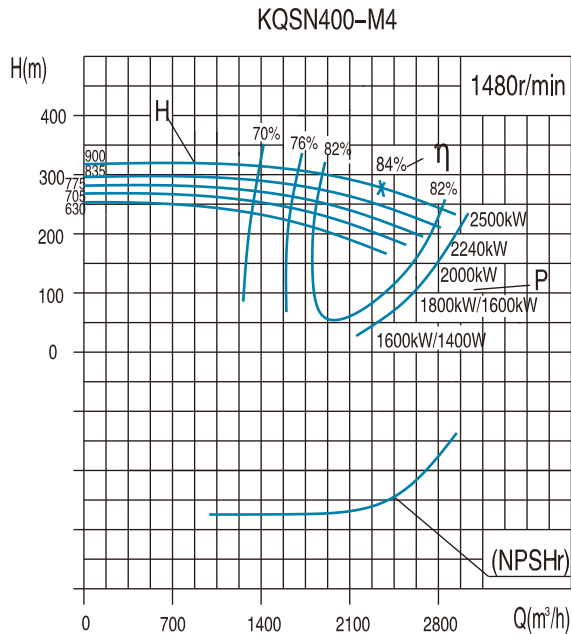
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN350-M27	290	756	210.0	23	1480	60.5	75	78	5.5	697
		1260	350.0	17		65.0		88		
		1512	420.0	14		74.8		77		
	273	711	197.4	20	1480	51.6	75	76	5.4	695
		1184	329.0	15		55.2		86		
		1421	394.8	11		58.0		75		
	255	665	184.8	18	1480	44.1	55	73	5.3	693
		1109	308.0	13		47.0		83		
		1331	369.6	10		49.5		72		
KQSN350-N27	290	641	178.2	22	1480	55.2	75	70	5.4	636
		1069	297.0	16		54.0		87		
		1283	356.4	14		62.9		76		
	267	590	163.9	19	1480	44.2	55	68	5.3	634
		984	273.2	14		43.0		85		
		1180	327.9	12		50.3		74		
	247	545	151.5	16	1480	36.5	45	65	5.2	632
		909	252.4	12		35.2		82		
		1091	302.9	10		41.3		71		



Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN350-M27/N27	Y280S-4	380	IV	75	2132	1050	580	1720	620	1240	682	457	368	24	550	390
	Y250M-4	380	IV	55	2042	960	510	1640	620	1205	660	406	349	24	494	388
	Y225M-4	380	IV	45	1993	911	480	1580	620	1150	641	356	311	19	375	386

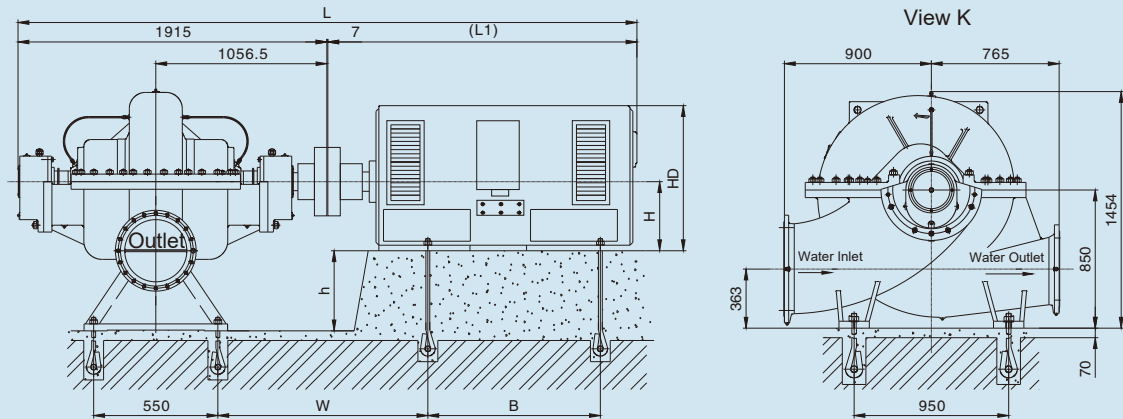
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN400-M(N)4 Technical Data

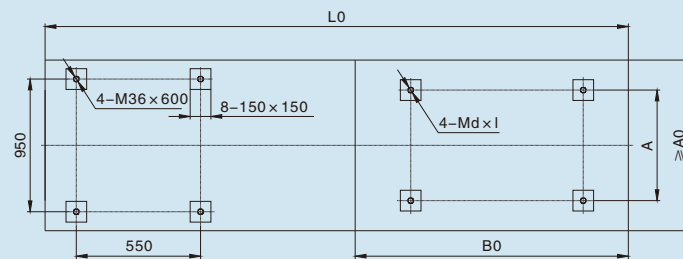


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN400-M4	900	1410.0	391.7	305.8	1480	1553.2	2500	75.6	8.8	2780
		2350.0	652.8	278.0		2118.0		84.0		
		2937.5	816.0	226.0		2367.8		76.4		
	835	1353.6	376.0	281.3	1480	1388.3	2240	74.7	8.6	2769
		2256.0	626.7	255.8		1893.2		83.0		
		2820.0	783.3	207.9		2091.3		76.4		
	775	1285.9	357.2	256.0	1480	1214.8	2000	73.8	8.4	2758
		2143.2	595.3	232.7		1656.6		82.0		
		2679.0	744.2	189.2		1829.9		75.4		
	705	1221.6	339.3	233.0	1480	1063.2	*1800/1600	72.9	8.2	2747
		2036.0	565.6	211.8		1449.8		81.0		
		2545.1	707.0	172.2		1601.5		74.5		
	630	1148	319	207	1480	901	*1600/1400	72	8.1	2731
		1913.9	531.6	188.5		1228.1		80.0		
		2392	665	153		1357		74		
KQSN400-N4	900	1212.0	336.7	286.0	1480	1263.7	*2240/2000	74.7	8.6	2775
		2020.0	561.1	260.0		1723.2		83.0		
		2525.0	701.4	211.4		1903.5		76.4		
	835	1164.0	323.3	264.0	1480	1134.0	*2000/1800	73.8	8.4	2764
		1940.0	538.9	240.0		1546.3		82.0		
		2425.0	673.6	195.1		1708.1		75.4		
	775	1105.8	307.2	240.9	1480	995.1	*1800/1600	72.9	8.2	2753
		1843.0	511.9	219.0		1357.0		81.0		
		2303.8	639.9	178.0		1499.0		74.5		
	705	1050.0	291.7	220.0	1480	873.7	*1600/1400	72.0	8.1	2742
		1750.0	486.1	200.0		1191.4		80.0		
		2187.5	607.6	162.6		1316.1		73.6		
	630	988	274	196	1480	741	*1400/1250	71	8.0	2731
		1646.0	457.2	178.0		1010.0		79.0		
		2058	572	145		1116		73		

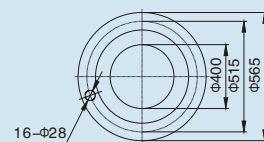
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



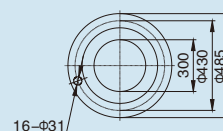
Installation foundation dimension without base :



Outlet flange DN 2



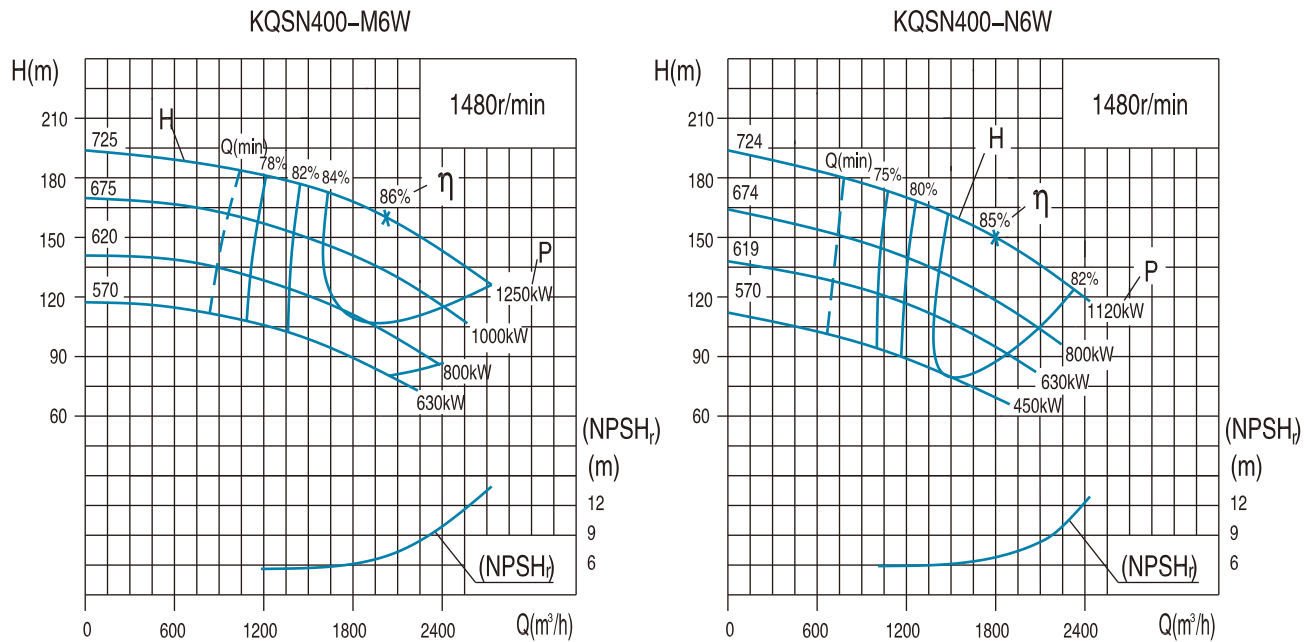
Outlet flange DN 2



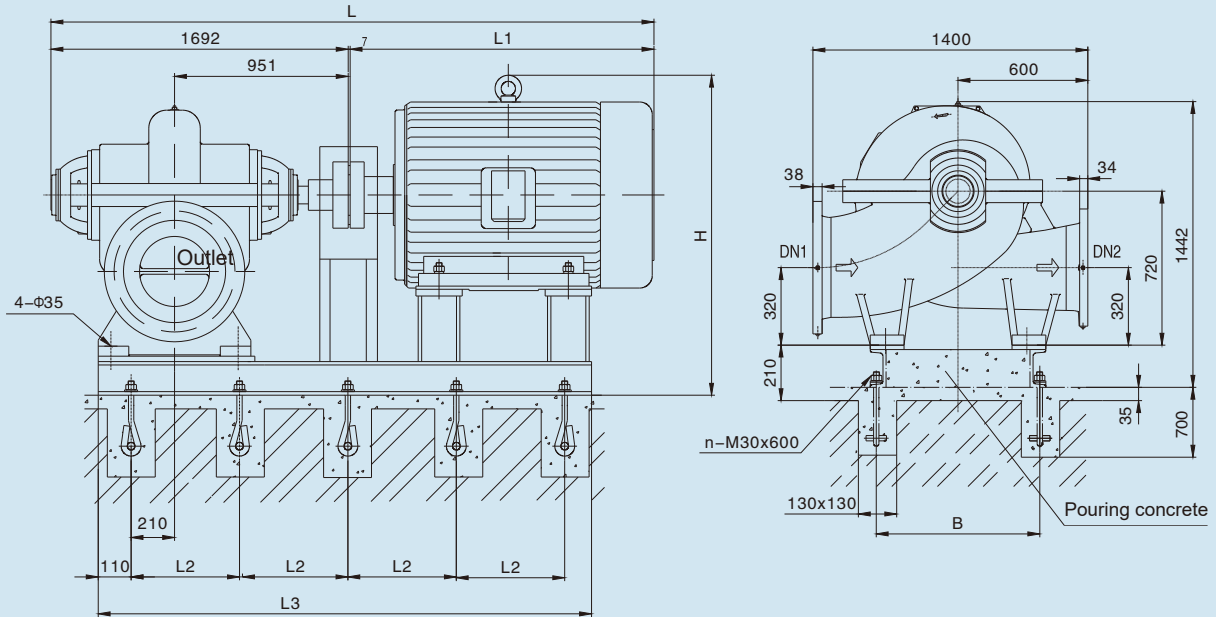
Pump Model	Motor				Dimension mm											d×l	Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD		
KQSN400-M4/N4	Y630-4、IMB3	6000	I	2500	4722	2800	4600	1950	2400	1618.5	1120	1600	220	630	1920	42×800	9650
				2240													
	Y560-4、IMB3	6000	I	2000	4322	2400	4300	1800	2200	1538.5	1000	1400	290	560	1760	36×600	7150
				1600													
	Y500-4、IMB3	6000	I	1400	4122	2200	4150	1700	2050	1513.5	900	1250	350	500	1050	36×600	4800
	Y630-4、IMB3	10000	I	2240	4722	2800	4600	1950	2400	1618.5	1120	1600	220	630	1920	42×800	10600
				2000													
				1800													
	Y560-4、IMB3	10000	I	1600	4322	2400	4300	1800	2200	1538.5	1000	1400	290	560	1750	36×600	7150
				1400													

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

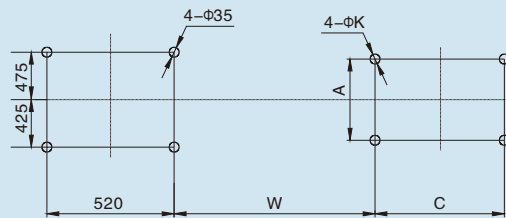
KQSN400-M(N)6W Technical Data



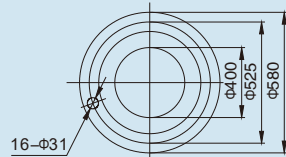
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN400-M6W	725	1211	336.3	180	1480	760.9	1250	78	7.0	1855
		2018	560.6	160		1022.4		86		
		2523	700.7	151		1234.9		84		
	675	1151	319.7	157	1480	630.8	1000	78	6.9	1850
		1918	532.8	137		841.9		85		
		2398	666.0	120		944.0		83		
	620	1091	303.0	130	1480	495.1	800	78	6.8	1846
		1818	505.0	111		654.2		84		
		2273	631.3	97		732.1		82		
	570	1025	284.7	108	1480	391.4	630	77	6.7	1845
		1708	474.4	91		510.0		83		
		2135	593.1	76		566.5		78		
KQSN400-N6W	724	1079	299.7	176	1480	662.9	1120	78	6.9	1852
		1798	499.4	150		864.1		85		
		2248	624.3	134		1012.6		81		
	674	983	273.0	146	1480	514.2	800	76	6.8	1849
		1638	455.0	125		671.8		83		
		2048	568.8	108		743.5		81		
	619	929	258.0	123	1480	409.4	630	76	6.7	1846
		1548	430.0	105		539.8		82		
		1935	537.5	89		579.0		81		
	570	875	243.0	98	1480	315.5	450	74	6.6	1842
		1458	405.0	81		397.1		81		
		1823	506.3	68		421.9		80		



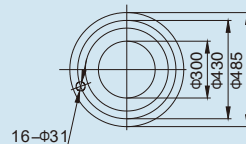
Installation foundation dimension without base :



Inlet flange DN 1



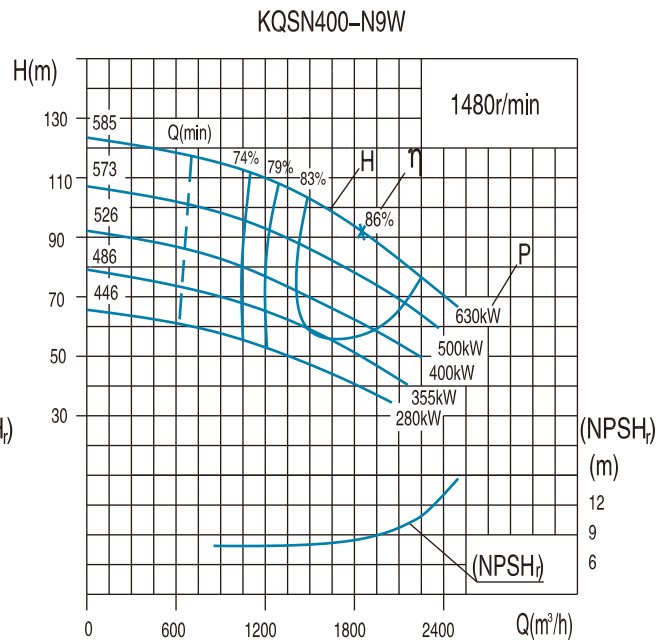
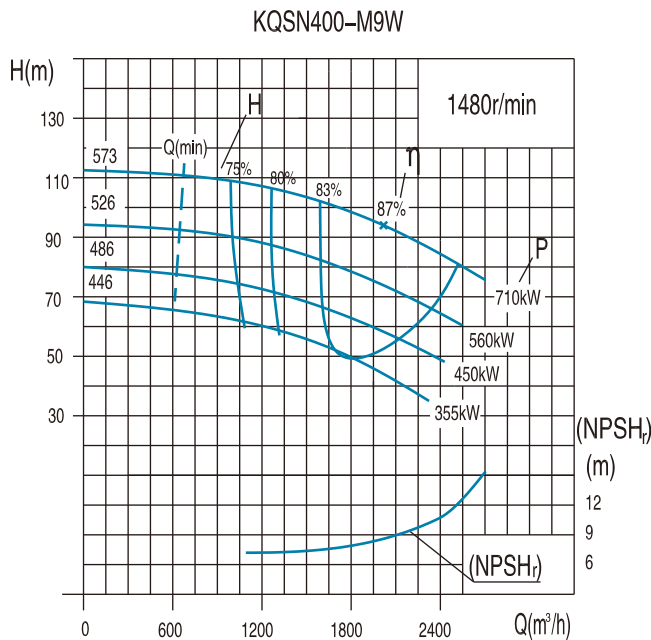
Outlet flange DN 2



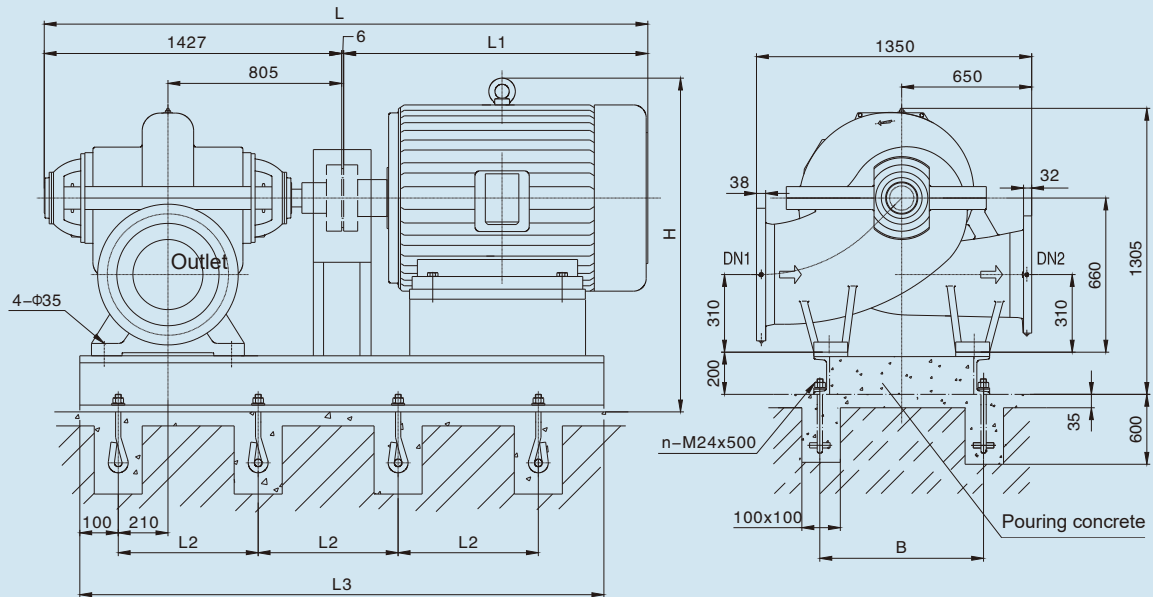
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN400-M6/N6W	YKK400-4	6000	III / II	450	3780	2250	700	3025	960	2020	1142	710	1000	35	3060	700	10
	YKK450-4	6000	III / II	630	3740	2210	730	3150	960	2170	1162	800	1120	35	4720	710	10
	YKK500-4	6000	III / II	800-1120	4080	2550	775	3320	1050	2320	1322	900	1250	42	6030	730	10
	YKK560-4	6000	III / II	1250	4270	2740	815	3480	1150	2600	1347	1000	1400	42	7800	750	10
	YKK450-4	10000	III / II	450	3880	2350	730	3150	960	2170	1162	800	1120	35	4490	710	10
	YKK500-4	10000	III / II	630/8000	4030	2500	775	3287	1050	2120	1282	900	1250	42	6060	730	10
	YKK560-4	10000	III / II	1000-1120	4230	2700	815	3477	1150	2525	1347	1000	1400	42	8300	740	10
	YKK630-4	10000	III / II	1250	4730	3200	880	3797	1200	2580	1427	1120	1600	48	9900	800	10

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

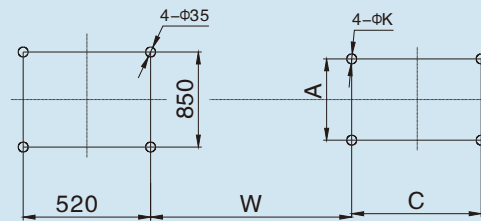
KQSN400-M(N)9W Technical Data



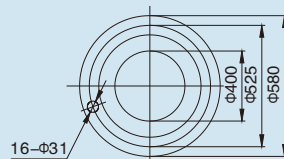
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN400-M9W	573	1211	336.3	107	1480	446.6	710	79	8.5	1645
		2018	560.6	94		593.8		87		
		2523	700.7	81		670.4		83		
	526	1123	312.0	89	1480	349.0	560	78	8.4	1643
		1872	520.0	77		461.8		85		
		2340	650.0	66		506.7		83		
	486	1075	298.7	74	1480	281.4	450	77	8.3	1641
		1792	497.8	63		366.0		84		
		2240	622.2	53		394.3		82		
	446	1045	290.3	62	1480	238.5	355	74	8.2	1639
		1742	483.9	51		291.5		83		
		2125	590.3	41		308.2		77		
KQSN400-N9W	585	1110	308.3	112	1480	434.1	630	78	8.4	1644
		1850	513.9	92		539.0		86		
		2313	642.4	74		568.3		82		
	573	1039	288.7	96	1480	348.3	500	78	8.3	1642
		1732	481.1	80		443.9		85		
		2165	601.4	67		481.7		82		
	526	943	262.0	82	1480	277.1	400	76	8.2	1640
		1572	436.7	68		346.6		84		
		1965	545.8	58		378.5		82		
	486	901	250.3	70	1480	235.3	355	73	8.1	1638
		1502	417.2	59		290.8		83		
		1878	521.5	49		309.3		81		
	446	877	243.7	58	1480	189.8	280	73	8.0	1636
		1462	406.1	48		233.1		82		
		1828	507.6	40		248.8		80		



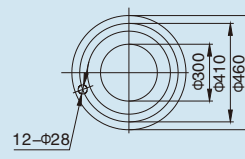
Installation foundation dimension without base :



Inlet flange DN 1



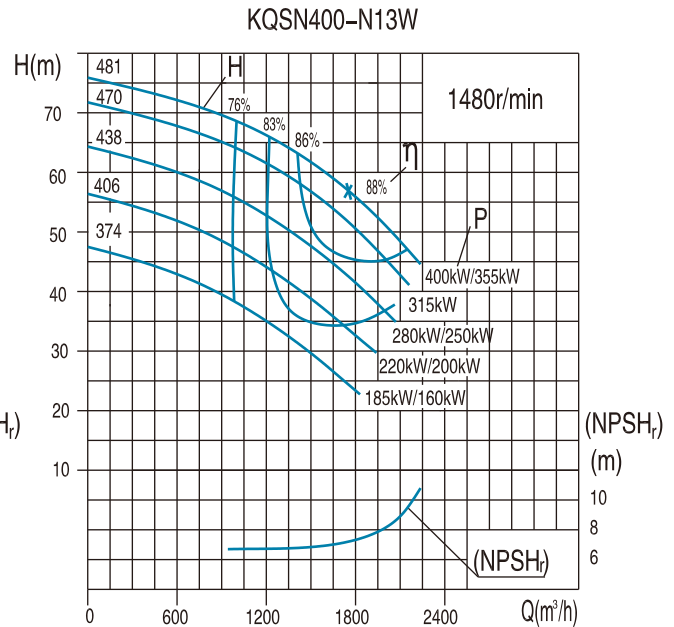
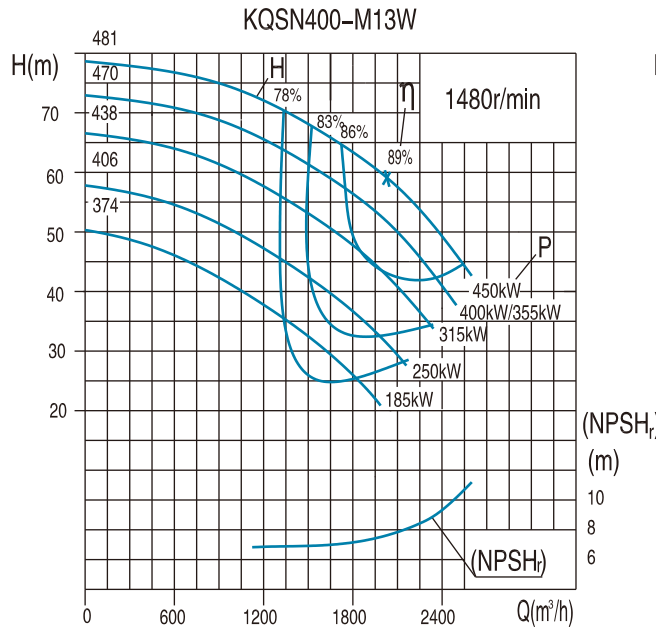
Outlet flange DN 2



Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	n (pieces)
KQSN400-M9/N9W	YKK450-4	6000	III / II	500~710	3697	2210	965	3100	950	2110	1116	800	1120	35	4890	730	8
	YKK400-4	6000	III / II	280~450	3737	2250	925	2975	950	1960	1096	710	1000	35	3060	710	8
	YKK500-4	10000	III / II	500~710	3987	2500	760	3240	1050	2250	1236	900	1250	42	6030	750	10
	YKK450-4	10000	III / II	280~450	3837	2350	965	3100	950	2110	1116	800	1120	35	4490	730	8
	Y355L1-4	380	IV	280	3054	1621	950	2330	850	1465	975	610	630	28	1947	686	6

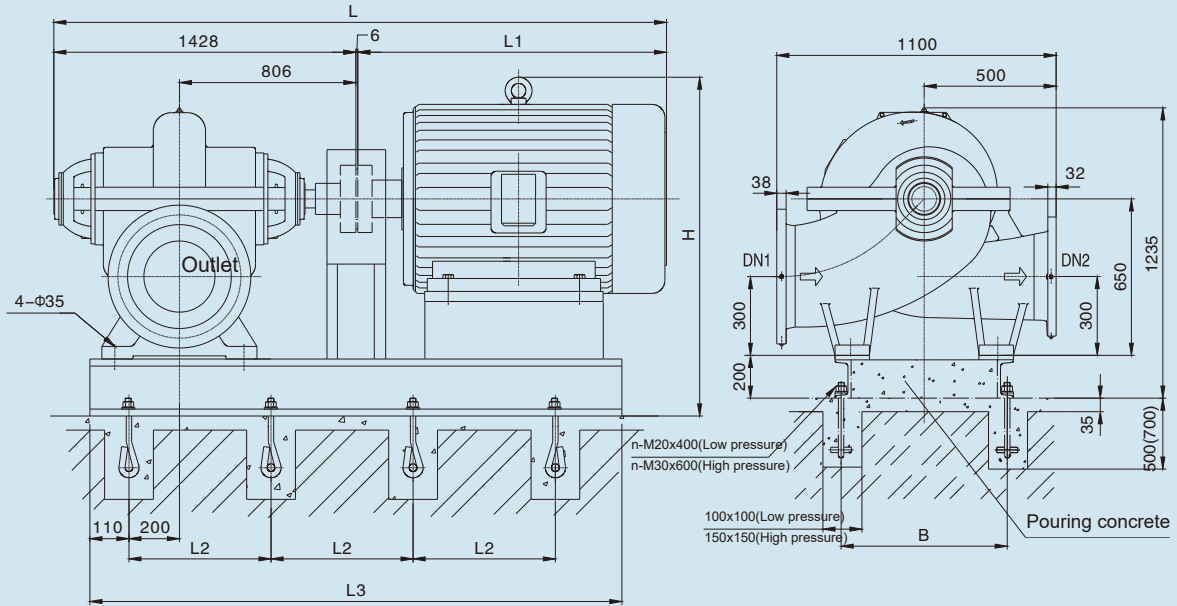
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively. The dimensions in the dimension table are matched with Jiamusi motor. For other motors, please confirm the basic size with the technical department.

KQSN400-M(N)13W Technical Data

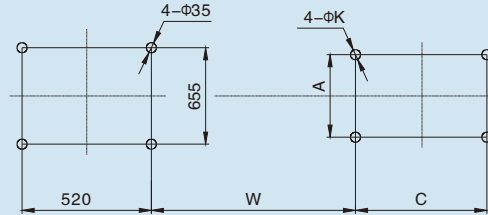


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN400-M13W	481	1215	337.5	71	1480	313.2	450	75	7.9	1100
		2025	562.5	59		365.6		89		
		2520	700.0	51		411.8		85		
	470	1211	336.3	65	1480	282.0	*400/355	76	7.8	1097
		2018	560.6	52		324.7		88		
		2502	695.1	43		344.7		85		
	438	1148	319.0	57	1480	237.7	315	75	7.7	1094
		1914	531.7	45		269.6		87		
		2393	664.6	37		287.0		84		
	406	1082	300.7	47	1480	187.2	250	74	7.6	1091
		1804	501.1	37		211.4		86		
		2255	626.4	27		209.9		79		
	374	1016	282.3	38	1480	144.1	185	73	7.5	1088
		1694	470.6	28		152.0		85		
		2118	588.2	20		147.9		78		
KQSN400-N13W	481	1047	290.8	68	1480	255.1	*400/355	76	7.5	1098
		1745	484.7	57		307.8		88		
		2181	605.9	47		340.5		82		
	470	1039	288.7	63	1480	231.6	315	77	7.4	1095
		1732	481.1	52		279.2		87		
		2165	601.4	41		284.4		85		
	438	979	272.0	56	1480	199.1	*280/250	75	7.3	1092
		1632	453.3	45		232.6		86.0		
		2040	566.7	34		233.2		81		
	406	922	256.2	48	1480	162.9	*220/200	74	7.2	1089
		1537	426.9	38		187.1		85		
		1921	533.7	29		187.3		81		
	374	859	238.7	39	1480	125.0	*185/160	73	7.1	1086
		1432	397.8	31		143.9		84		
		1790	497.2	23		141.9		79		

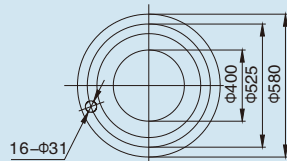
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



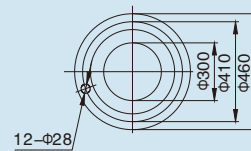
Installation foundation dimension without base :



Inlet flange DN 1



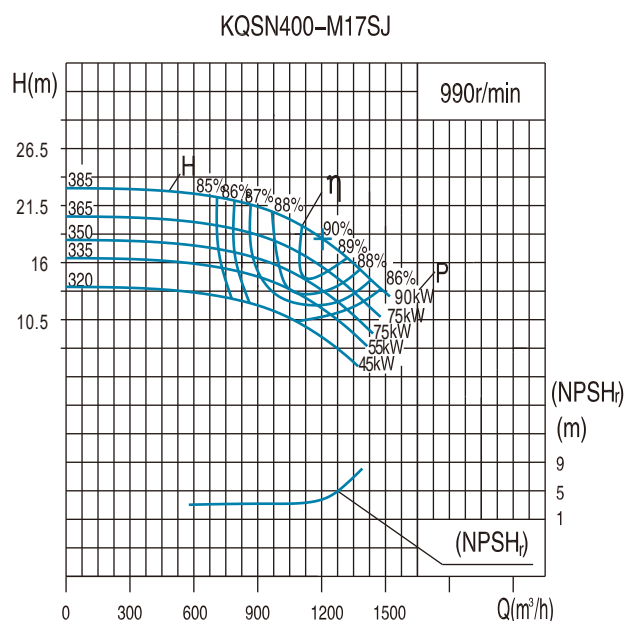
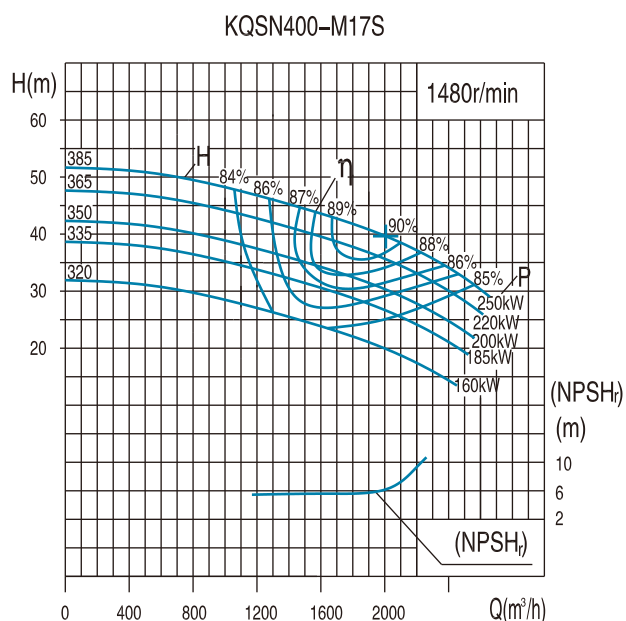
Outlet flange DN 2



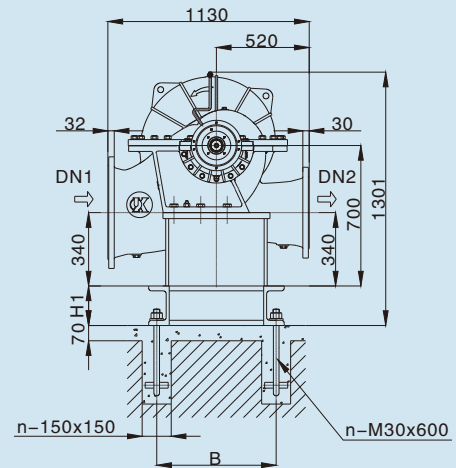
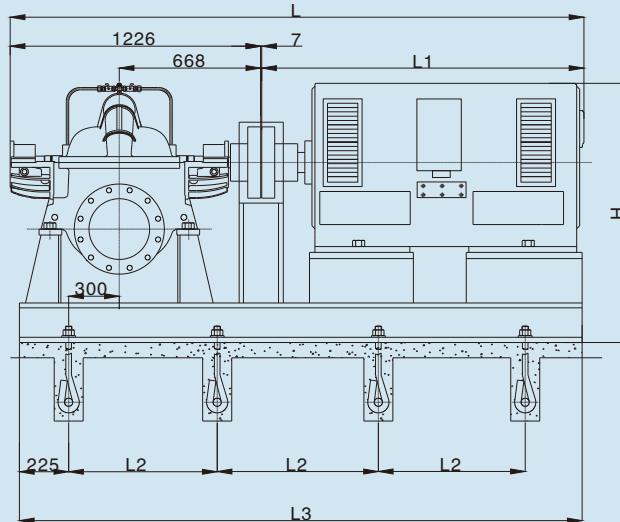
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN400-M13/N13W	Y315L2-4	380	III/II	185/200	2754	1320	950	2125	700	1380	938	508	508	28	1128	647	6
	Y355M-4	380	III/II	220/250	2899	1465	700	2330	700	1545	976	610	560	28	1890	660	8
	Y355L-4	380	III/II	280/315	3029	1595	700	2330	700	1545	976	610	630	28	2180	680	8
	YKK355-4	6000	III/II	185~250	3504	2070	875	2850	700	1915	1077	630	900	28	2650	670	8
	YKK400-4	6000	III/II	280~450	3684	2250	915	2970	810	1910	1097	710	1000	35	3060	680	8
	YKK450-4	10000	III/II	220~450	3784	2350	955	3095	920	2060	1117	800	1120	35	4490	700	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

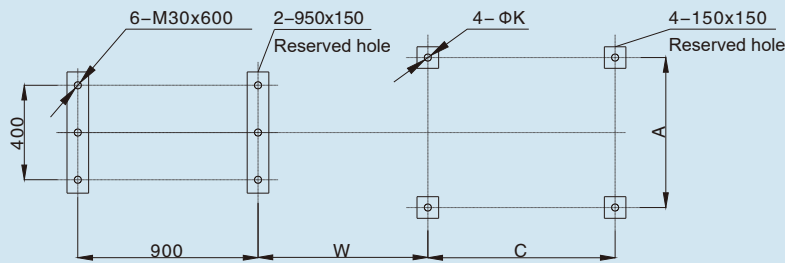
KQSN400-M17S(J) Technical Data



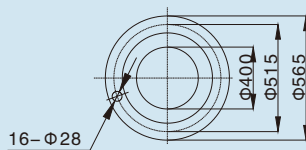
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN400-M17S	385	1089	302.5	47	1480	165.9	250	84.0	6.0	1153
		1815	504.2	40		219.7		90.0		
		2178	605.0	31		216.3		85.0		
	365	1020	283.3	44	1480	147.3	220	83.0	5.9	1151
		1700	472.2	38		197.7		89.0		
		2040	566.7	28		185.2		84.0		
	350	972	270.0	39	1480	125.9	200	82.0	5.8	1149
		1620	450.0	34		170.5		88.0		
		1944	540.0	24		153.1		83.0		
	335	930	258.3	36	1480	112.6	185	81.0	5.7	1147
		1550	430.6	31		150.4		87.0		
		1860	516.7	26		160.6		82.0		
KQSN400-M17SJ	385	888	246.7	28	1480	84.6	160	80.0	5.6	1145
		1480	411.1	25		118.5		85.0		
		1776	493.3	20		119.4		81.0		
	365	728	202.3	21	990	49.7	90	84.0	6.0	1153
		1214	337.2	18		65.8		90.0		
		1457	404.7	14		63.3		87.0		
	350	682	189.5	20	990	44.1	75	83.0	5.9	1151
		1137	315.9	17		59.2		89.0		
		1365	379.1	13		53.5		87.0		
	335	650	180.6	17	990	37.7	75	82.0	5.8	1149
		1084	301.0	15		51.0		88.0		
		1300	361.2	11		43.7		87.0		
KQSN400-M17SJ	320	622	172.8	16	990	33.7	55	81.0	5.7	1147
		1037	288.0	14		45.0		87.0		
		1244	345.6	12		46.4		85.0		
	320	594	165.0	13	990	25.3	45	80.0	5.6	1145
		990	275.0	11		34.9		86.5		
		1188	330.0	9		33.7		86.0		



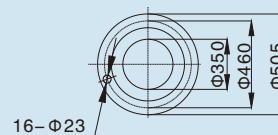
Installation foundation dimension without base:



Inlet flange DN 1



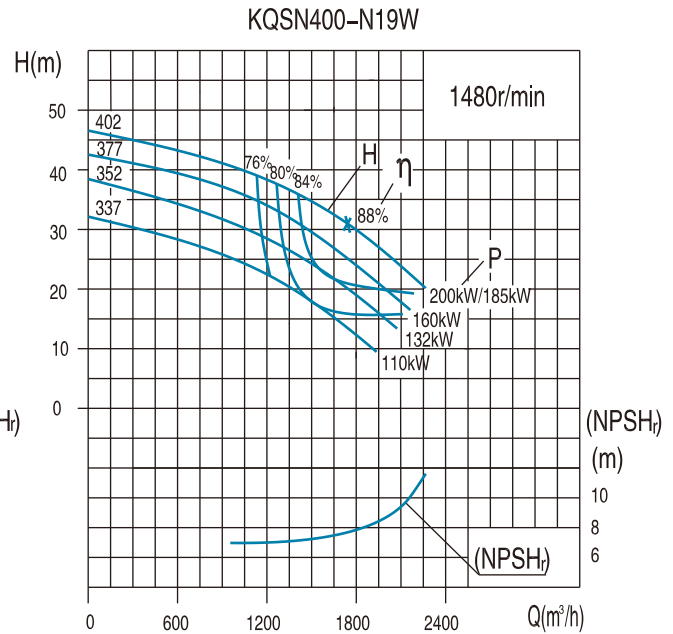
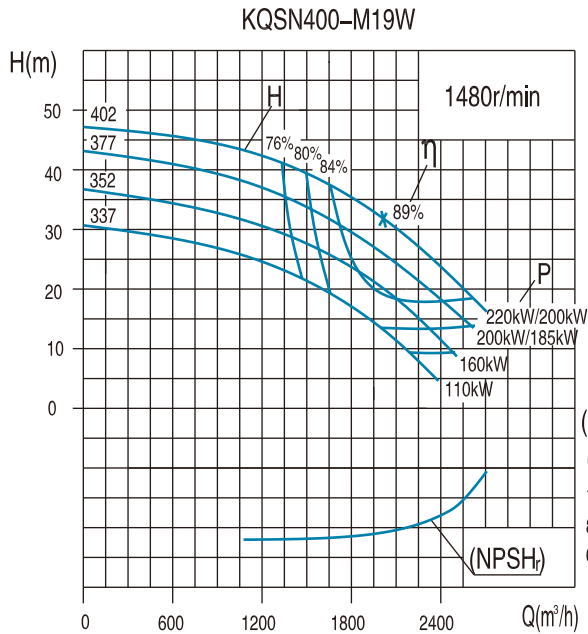
Outlet flange DN 2



Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN400-M17S	Y355M2-4	380	IV	250	2724	1491	600	2350	700	1485	180	649	610	560	28	1764	700	8
	Y355M1-4	380	IV	220	2724	1491	600	2350	700	1485	180	649	610	560	28	1705	700	8
	Y315L2-4	380	IV	200	2670	1437	600	2250	700	1435	180	611	508	508	28	1582	650	8
	Y355S1-4	380	IV	185	2724	1491	600	2350	700	1485	180	649	610	500	28	1582	700	8
	Y315L1-4	380	IV	160	2670	1437	600	2250	700	1435	180	611	508	508	28	1192	650	8
KQSN400-M17SJ	Y315M-6	380	IV	90	2670	1437	600	2200	700	1435	180	611	508	457	28	1120	650	8
	Y315S-6	380	IV	75	2540	1307	600	2100	700	1435	180	611	508	406	28	954	650	8
	Y280M-6	380	IV	55	2313	1080	550	2020	700	1335	180	555	457	419	24	530	500	8
	Y280S-6	380	IV	45	2283	1050	550	1970	700	1335	180	555	457	368	24	495	500	8

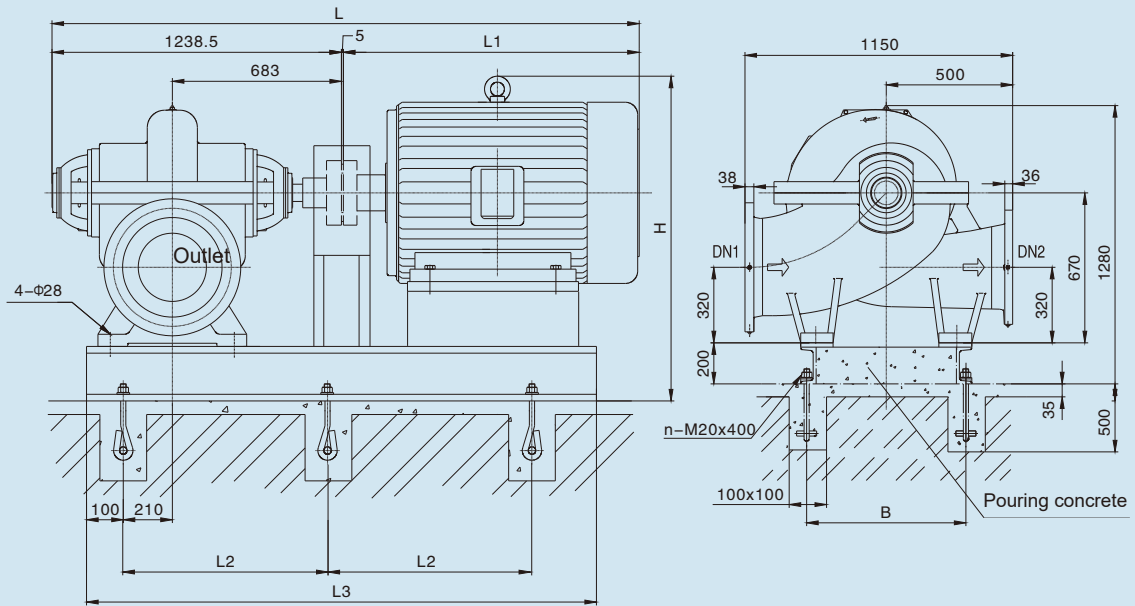
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN400-M(N)19W Technical Data

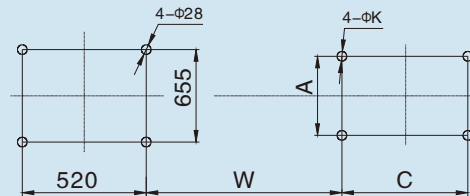


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN400-M19W	402	1211	336.3	43	1480	189.1	*220	75	7.9	1025
		2018	560.6	32		197.6		89		
		2523	700.7	24		203.5		81		
	377	1181	328.0	37	1480	158.6	*200/185	75	7.8	1023
		1968	546.7	27		164.4		88		
		2460	683.3	19		159.1		80		
	352	1151	319.7	31	1480	131.3	160	74	7.6	1021
		1918	532.8	22		132.1		87		
KQSN400-N19W	402	1039	288.7	39	1480	145.2	*200/185	76	7.8	1024
		1732	481.1	31		166.2		88		
		2165	601.4	24		166.5		85		
	377	985	273.7	34	1480	120.0	160	76	7.7	1022
		1642	456.1	27		138.8		87		
		2053	570.1	20		136.3		82		
	352	943	262.0	29	1480	100.7	132	74	7.6	1020
		1572	436.7	23		115.8		85		
	337	1965	545.8	16	1480	105.7	110	81	7.5	1019
		901	250.3	25		84.0		73		
		1502	417.2	18		87.7		84		
		1878	521.5	12		77.7		79		

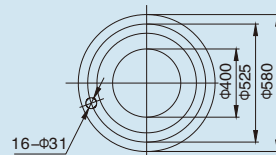
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



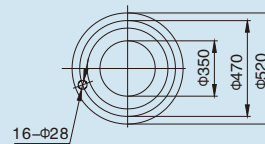
Installation foundation dimension without base :



Inlet flange DN 1



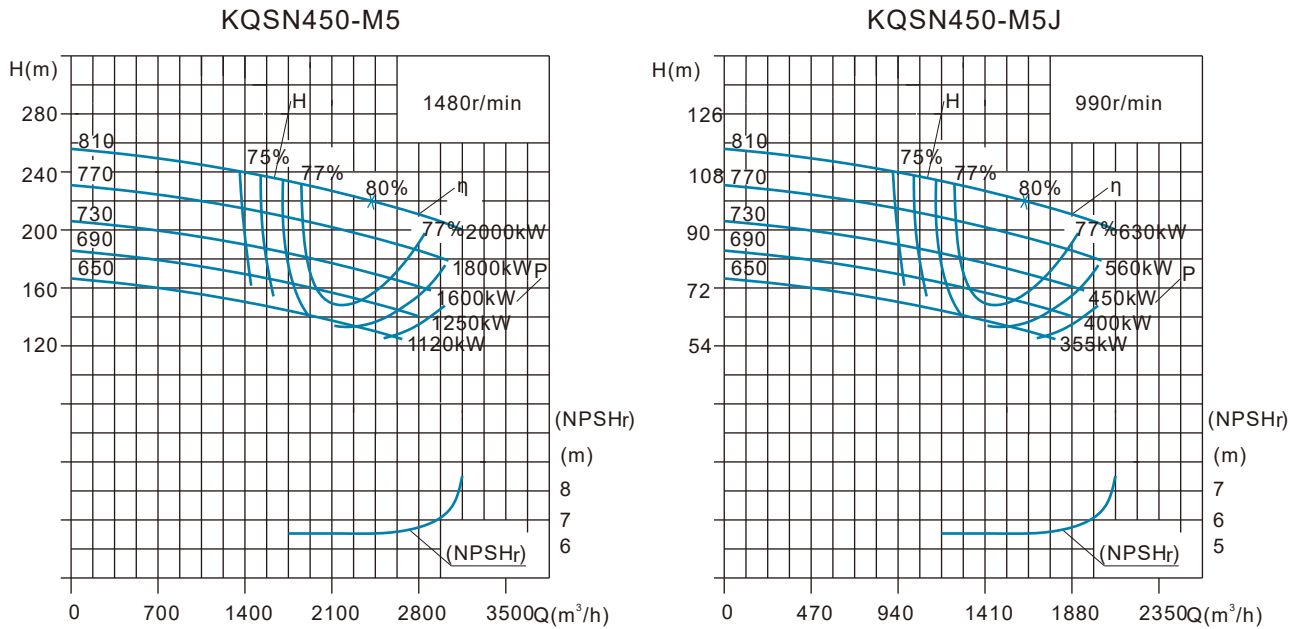
Outlet flange DN 2



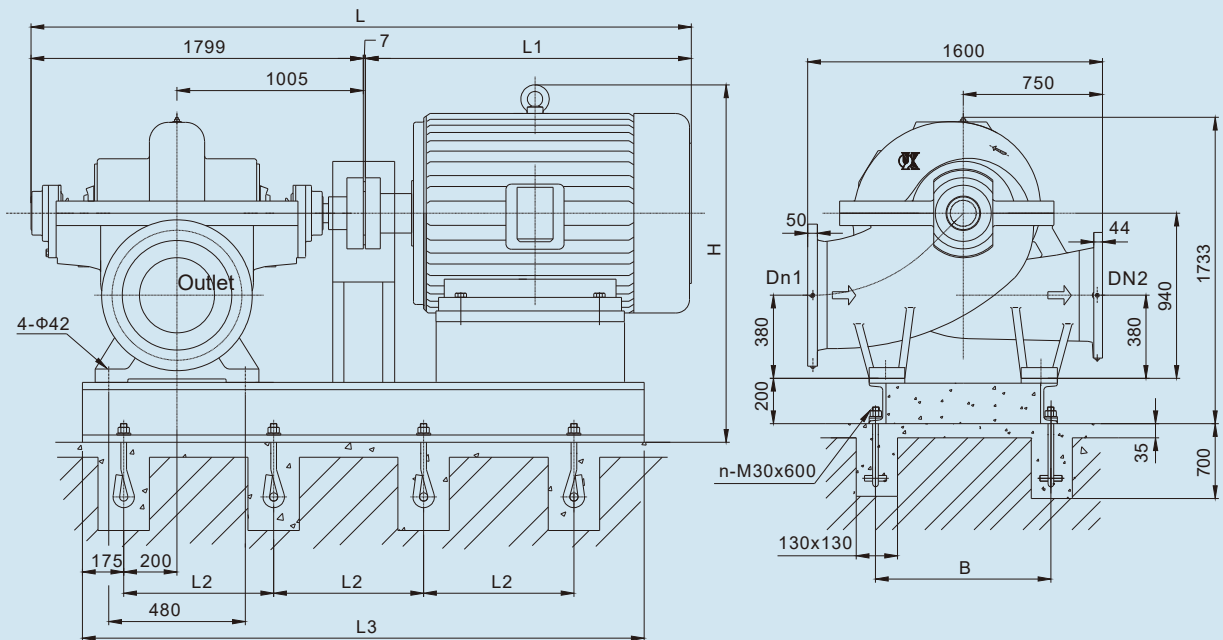
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN400-M19/N19W	YKK355-4	6000	III/ II	185~220	3494	2250	840	2725	740	1935	953	630	900	38	2600	645	8
	YKK450-4	10000	III/ II	220	3594	2350	925	2975	920	2080	993	800	1120	35	3700	660	8
	Y355M1-4	380	IV	220	2735	1491	935	2075	700	1475	852	610	560	28	1705	630	6
	Y315L2-4	380	IV	200	2681	1437	900	2000	700	1425	814	508	508	28	1582	630	6
	Y355S1-4	380	IV	185	2735	1491	935	2075	700	1475	852	610	500	28	1582	630	6
	Y315L1-4	380	IV	160	2681	1437	900	2000	700	1425	814	508	508	28	1192	625	6
	Y315S-4	380	IV	110	2551	1307	850	1900	700	1425	814	508	406	28	1018	620	6

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

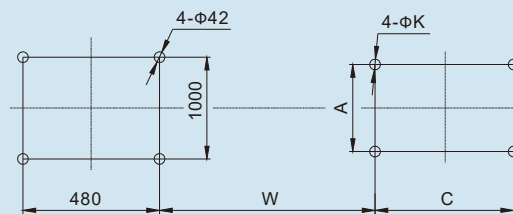
KQSN450-M5(J) Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN450-M5	810	1428	396.7	247	1480	1280.7	2000	75	6.5	3000
		2380	661.1	220		1782.4		80		
		2856	793.3	189		1934.2		76		
	770	1357	377.1	223	1480	1115.1	1800	74	6.4	2995
		2262	628.5	199		1550.6		79		
		2715	754.2	171		1683.7		75		
	730	1287	357.5	201	1480	963.2	1600	73	6.3	2990
		2145	595.8	179		1338.2		78		
		2574	715.0	154		1454.1		74		
	690	1216	337.9	179	1480	824.7	1250	72	6.2	2985
		2027	563.2	160		1144.7		77		
		2433	675.8	137		1244.8		73		
KQSN450-M5J	810	952	264.4	110	990	379.5	630	75	5.2	3000
		1587	440.7	98		528.1		80		
		1983	550.9	84		597.0		76		
	770	905	251.4	99	990	330.4	560	74	5.1	2995
		1508	419.0	88		459.4		79		
		1885	523.7	76		519.7		75		
	730	858	238.3	89	990	285.4	450	73	5.0	2990
		1430	397.2	79		396.5		78		
		1787	496.5	68		448.8		74		
	690	811	225.3	80	990	244.3	400	72	4.9	2985
		1352	375.4	71		339.2		77		
		1690	469.3	61		384.2		73		
650	990	764	212.2	71	990	207.1	355	71	4.8	2980
		1273	353.7	63		287.3		76		
		1592	442.1	54		325.6		72		

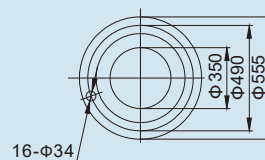
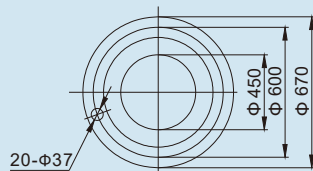


Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe

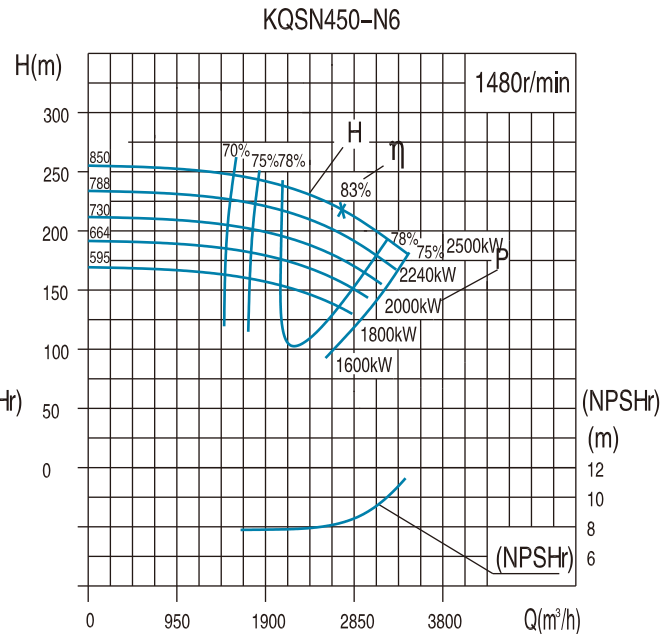
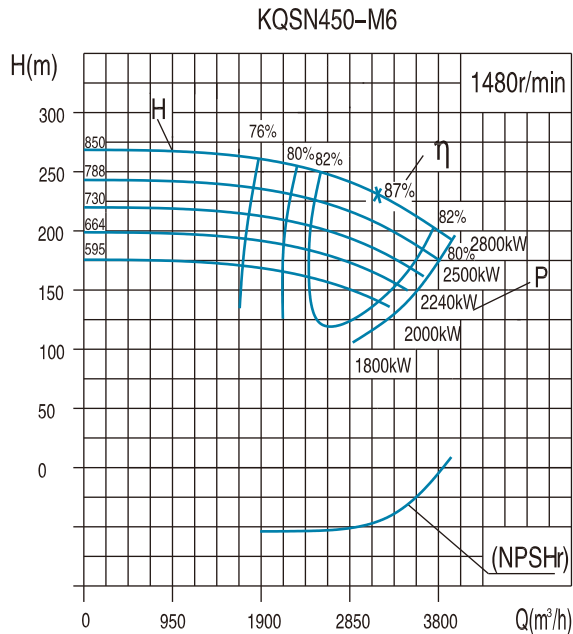
Outlet flange DN 2



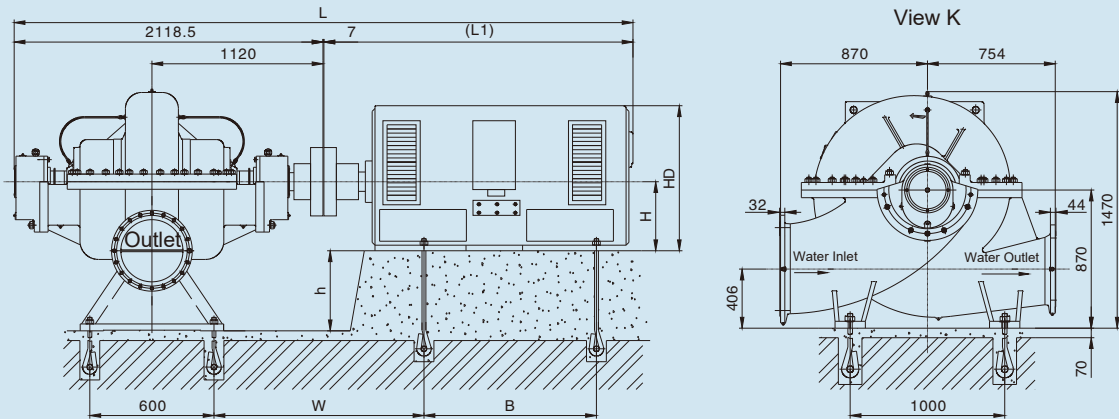
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN450-M5	YKK500-4	6000	III / II	1120~1400	4501	2695	790	3555	1300	2620	1497	900	1250	42	5530	660	10
	YKK560-4	6000	III / II	1600~2000	4706	2900	830	3730	1300	2870	1522	1000	1400	42	8250	660	10
	YKK500-4	10000	III / II	1120	4501	2695	780	3515	1300	2620	1457	900	1250	42	6080	660	10
	YKK560-4	10000	III / II	1250~1600	4706	2900	830	3730	1300	2870	1522	1000	1400	42	7827	660	10
	YKK630-4	10000	III / II	2000	5091	3285	900	4010	1300	3020	1602	1120	1600	48	9080	675	10
KQSN450-M5J	YKK400-6	6000	III / II	315~400	4076	2270	680	3125	1300	2340	1317	710	1000	35	3155	685	10
	YKK450-6	6000	III / II	450~560	4336	2530	730	3305	1300	2440	1377	800	1120	35	4080	685	10
	YKK500-6	10000	III / II	560	4501	2695	790	3555	1300	2620	1497	900	1250	42	5230	685	10

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

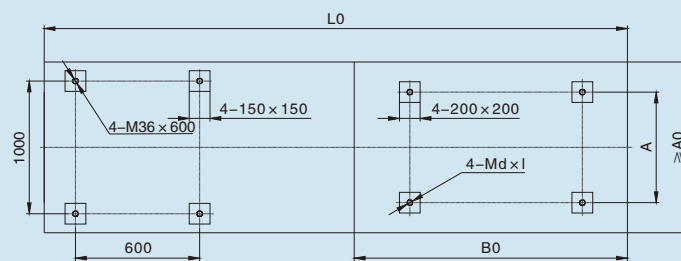
KQSN450-M(N)6 Technical Data



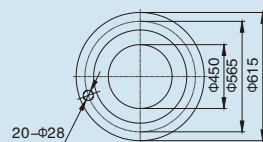
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN450-M6	850	1890.0	525.0	254.1	1480	1670.3	2800	78.3	8.5	2850
		3150.0	875.0	231.0		2277.7		87.0		
		3937.5	1093.8	192.5		2608.9		79.1		
	788	1814.4	504.0	231.2	1480	1476.2	2500	77.4	8.3	2845
		3024.0	840.0	210.2		2013.0		86.0		
		3780.0	1050.0	175.2		2279.2		79.1		
	730	1723.7	478.8	210.4	1480	1291.2	2240	76.5	8.1	2840
		2872.8	798.0	191.3		1760.7		85.0		
		3591.0	997.5	159.4		1993.5		78.2		
	664	1637.5	454.9	191.5	1480	1129.5	2000	75.6	8.0	2836
		2729.2	758.1	174.1		1540.2		84.0		
KQSN450-N6	850	3411.5	947.6	145.1	1480	1743.9	1800	77.3	7.9	2832
		1539	428	170		956		75		
		2565.4	712.6	154.9		1304.1		83.0		
	788	3207	891	129	1480	1477	2500	76	8.4	2845
		1632.0	453.3	239.8		1426.7		74.7		
		2720.0	755.6	218.0		1945.6		83.0		
	730	3400.0	944.4	181.7	1480	2202.9	2240	76.4	8.2	2840
		1566.7	435.2	220.6		1275.5		73.8		
		2611.2	725.3	200.6		1739.3		82.0		
	664	3264.0	906.7	167.1	1480	1969.3	2000	75.4	8.0	2835
		1488.4	413.4	200.8		1116.3		72.9		
		2480.6	689.1	182.5		1522.2		81.0		
KQSN450-N6	595	3100.8	861.3	152.1	1480	1723.5	1600	74.5	7.8	2828
		1414.0	392.8	182.7		977.1		72.0		
		2356.6	654.6	166.1		1332.4		80.0		
		2945.8	818.3	138.4	1480	1508.6	1278	73.6	7.9	2832
		1329	369	163		828		71		



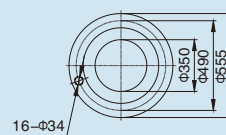
Installation foundation dimension without base :



Inlet flange DN 1



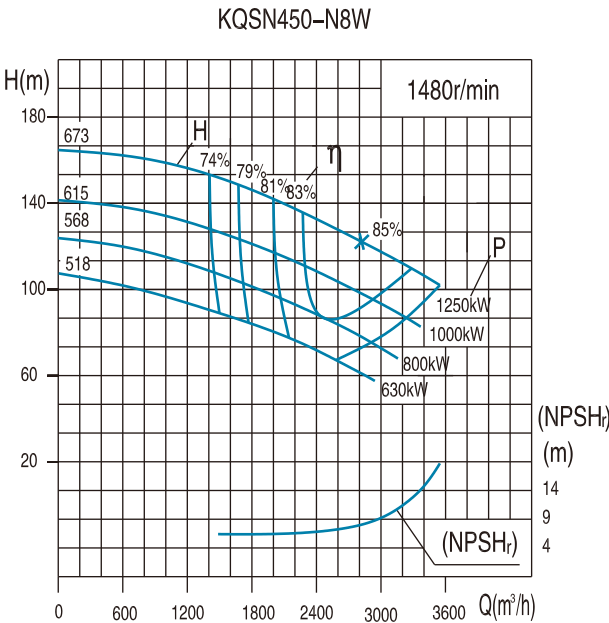
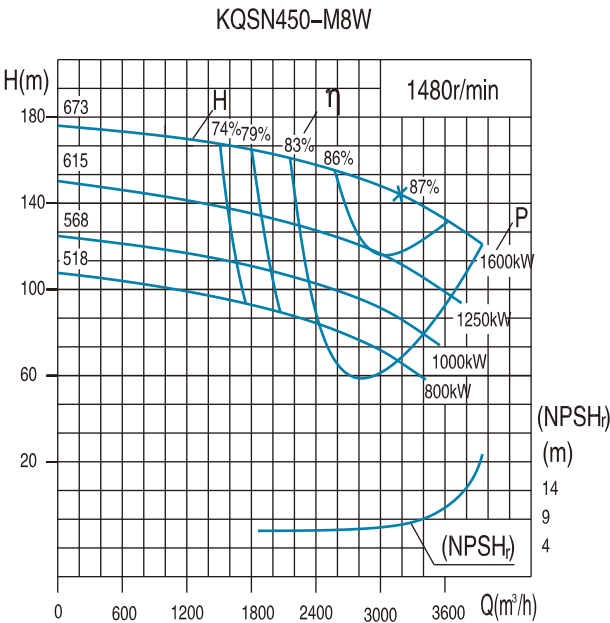
Outlet flange DN 2



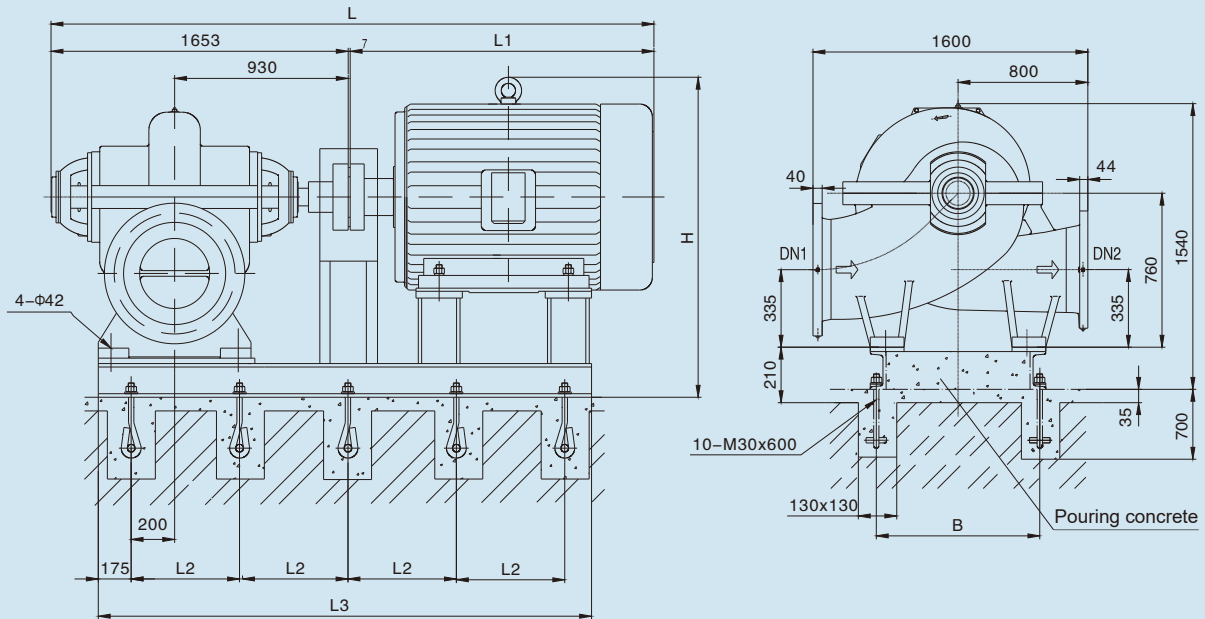
Pump Model	Motor				Dimension mm											d×l	Weight kg Motor
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD		
KQSN450-M6/N6	Y630-4、IMB3	6000	I	2800	4925.5	2800	4600	1950	2400	1657	1120	1600	240	630	1920	42x800	10450
				2500													
				2240													
	Y560-4、IMB4	6000	I	2000	4525.5	2400	4400	1800	2200	1577	1000	1400	310	560	1760	36x600	7150
				1800													
				2500													
	Y710-4、IMB3	10000	I	2500	5325.5	3200	5000	2400	2800	1707	1400	1800	160	710	2220	48x1000	12500
				2240													
				2000													
	Y630-4、IMB3	10000	I	2000	4925.5	2800	4600	1950	2400	1657	1120	1600	240	630	1920	42x800	10600
				1800													
				1600													
	Y560-4、IMB3	10000	I	1600	4322	2400	4300	1800	2200	1539	1000	1400	290	560	1750	36x600	7150

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

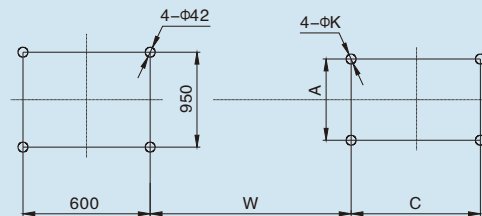
KQSN450-M(N)8W Technical Data



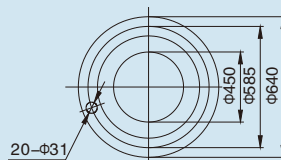
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN450-M8W	673	1907	529.6	164	1480	1077.4	1600	79	8.5	2367
		3178	882.7	144		1432.5		87		
		3813	1059.2	127		1590.9		83		
	615	1796	499.0	135	1480	845.5	1250	78	8.4	2364
		2994	831.6	116		1103.8		86		
		3593	998.0	101		1206.4		82		
	568	1718	477.1	113	1480	693.1	1000	76	8.3	2362
		2863	795.2	95		871.2		85		
		3435	954.3	83		955.5		81		
	518	1655	459.9	95	1480	571.0	800	75	8.2	2360
		2759	766.4	77		689.3		84		
		3311	919.7	66		751.9		79		
KQSN450-N8W	673	1693	470.2	147	1480	869.1	1250	78	8.4	2366
		2821	783.6	123		1107.7		85		
		3385	940.3	107		1220.5		81		
	615	1583	439.8	123	1480	689.8	1000	77	8.3	2363
		2639	733.1	103		878.2		84		
		3167	879.7	87		941.4		80		
	568	1487	413.1	107	1480	587.0	800	74	8.2	2361
		2479	688.6	87		710.2		83		
		2975	826.3	75		769.8		79		
	518	1401	389.2	89	1480	464.4	630	73	8.1	2359
		2335	648.6	73		564.3		82		
		2802	778.4	63		614.5		78		



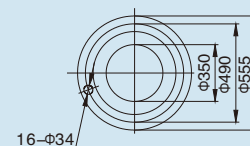
Installation foundation dimension without base :



Inlet flange DN 1



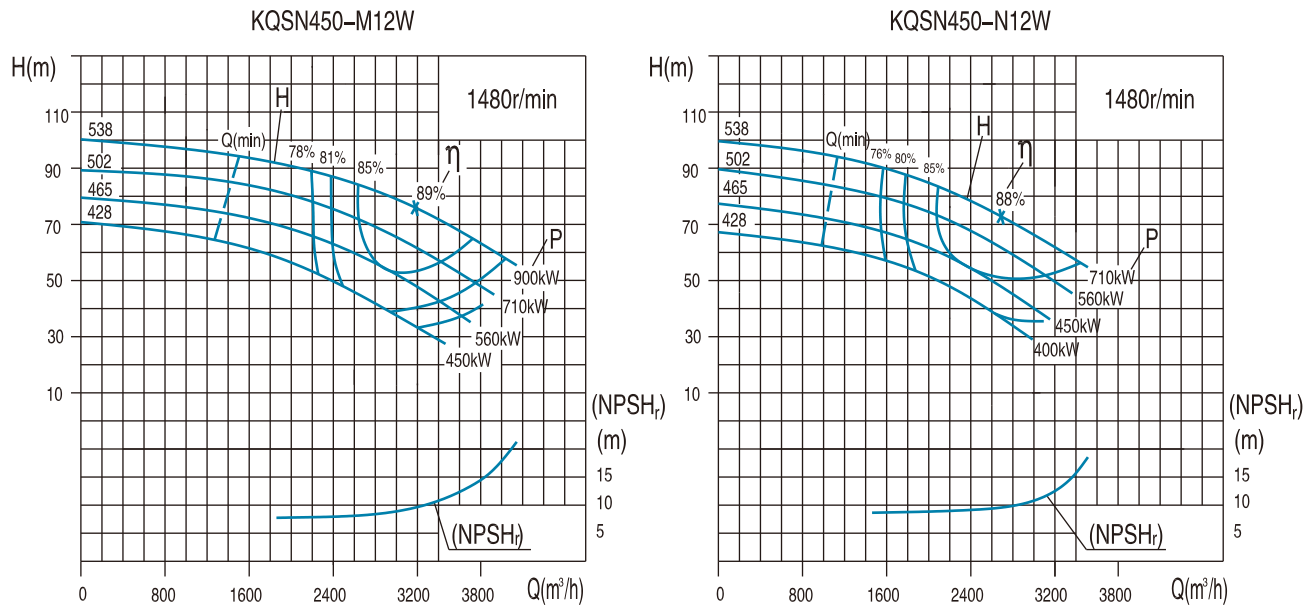
Outlet flange DN 2



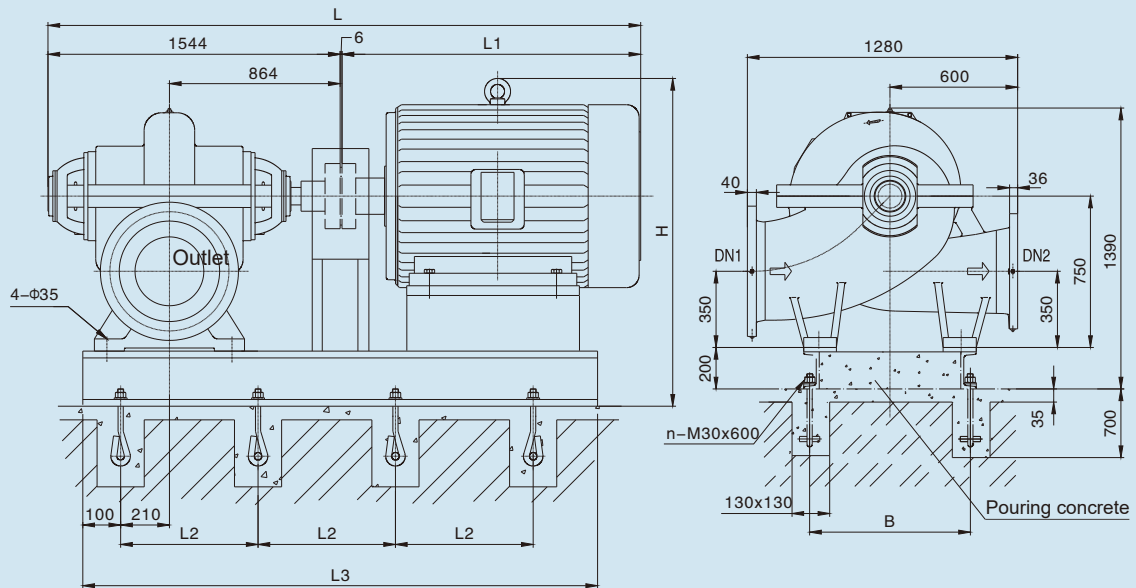
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN450-M8/N8W	YKK450-4	6000	III/II	630	3870	2210	730	3285	1110	2180	1202	800	1120	35	4720	1060
	YKK500-4	6000	III/II	800~1120	4210	2550	775	3465	1200	2330	1362	900	1250	42	6030	1090
	YKK560-4	6000	III/II	1250~1600	4400	2740	815	3615	1300	2610	1387	1000	1400	42	8300	1120
	YKK500-4	10000	III/II	630~800	4160	2500	765	3425	1200	2320	1322	900	1250	42	6060	1085
	YKK560-4	10000	III/II	1000	4360	2700	815	3615	1300	2535	1387	1000	1400	42	8050	1100
	YKK630-4	10000	III/II	1250~1600	4860	3200	895	3935	1300	2590	1467	1120	1600	48	10400	1150

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

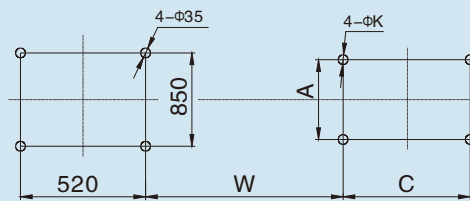
KQSN450-M(N)12W Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN450-M12W	538	1908	530.0	89	1480	600.6	900	77	9.6	1730
		3180	883.3	76		739.5		89		
		3975	1104.2	64		866.0		80		
	502	1776	493.3	80	1480	502.5	710	77	9.5	1728
		2960	822.2	66		611.5		87		
		3700	1027.8	54		688.8		79		
	465	1716	476.7	69	1480	424.3	560	76	9.4	1726
		2860	794.4	55		504.0		85		
		3575	993.1	41		518.4		77		
	428	1614	448.3	56	1480	328.2	450	75	9.3	1724
		2690	747.2	44		393.1		82		
		3363	934.0	33		397.6		76		
KQSN450-N12W	538	1614	448.3	89	1480	501.5	710	78	9.5	1729
		2690	747.2	73		607.7		88		
		3363	934.0	62		675.9		84		
	502	1494	415.0	80	1480	428.3	560	76	9.4	1727
		2490	691.7	66		514.4		87		
		3113	864.6	51		520.8		83		
	465	1392	386.7	69	1480	348.8	450	75	9.3	1725
		2320	644.4	56		416.3		85		
		2900	805.6	46		443.0		82		
	428	1368	380.0	57	1480	283.1	400	75	9.2	1723
		2280	633.3	46		344.1		83		
		2850	791.7	35		362.2		75		

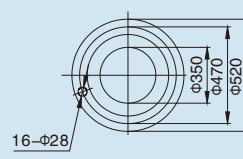
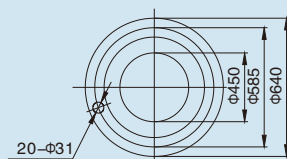


Installation foundation dimension without base :



Inlet flange DN 1

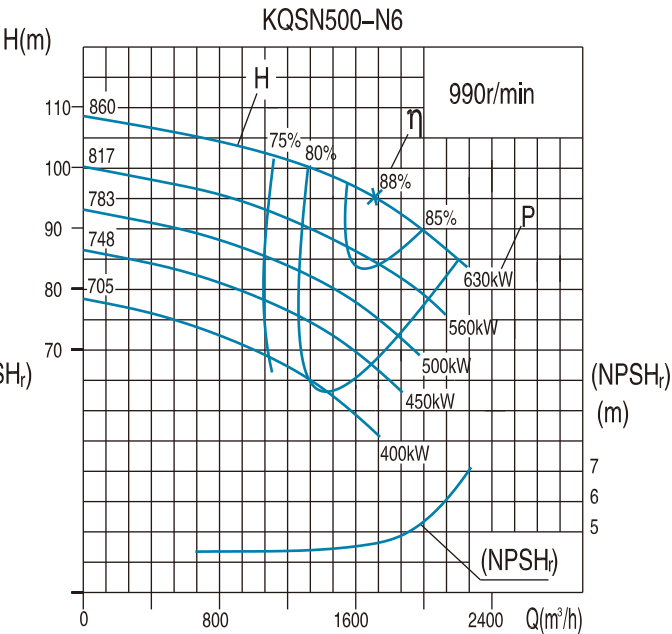
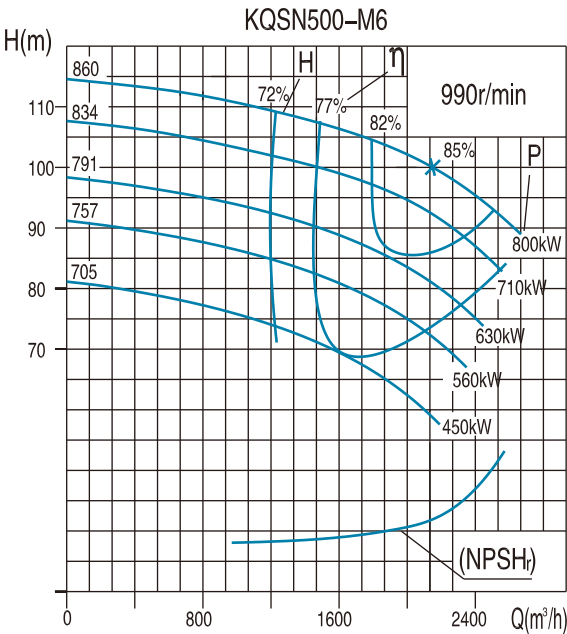
Outlet flange DN 2



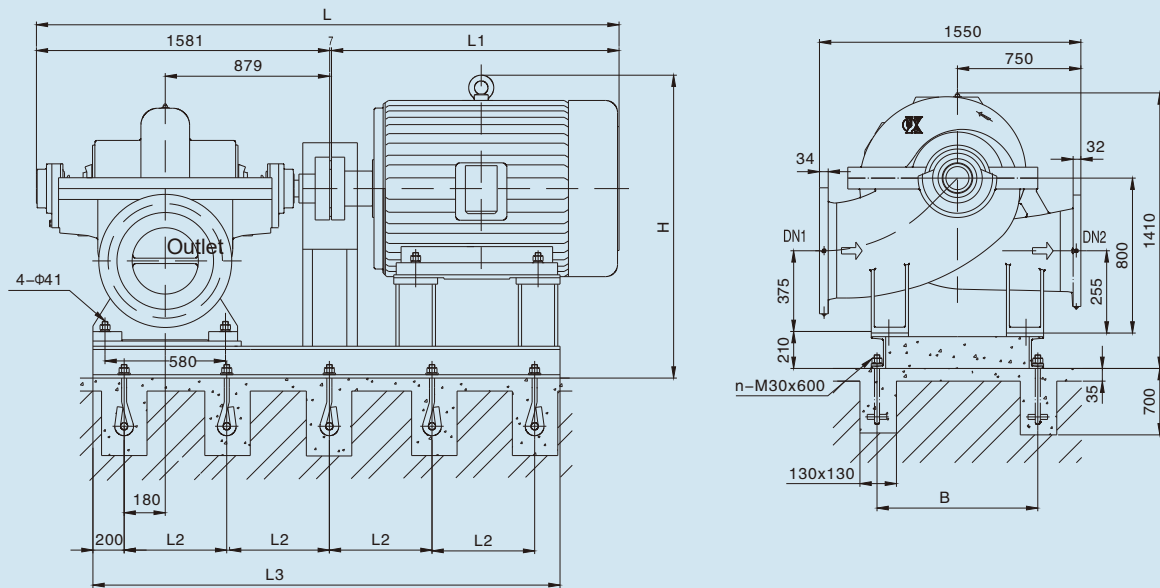
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN450-M12/N12W	YKK400-4	6000	III/II	400/450	3800	2250	930	3000	900	2010	1154	710	1000	35	3060	800	8
	YKK450-4	6000	III/II	500~710	3760	2210	970	3120	950	2160	1175	800	1120	35	4890	830	8
	YKK500-4	6000	III/II	800/900	4100	2550	775	3300	1000	2310	1335	900	1250	42	5660	900	10
	YKK450-4	10000	III/II	400/450	3900	2350	970	3120	950	2160	1175	800	1120	35	4490	830	8
	YKK500-4	10000	III/II	500~800	4050	2500	765	3260	1050	2300	1295	900	1250	42	6060	860	10
	YKK560-4	10000	III/II	900	4250	2700	810	3450	1100	2515	1360	1000	1400	42	7800	920	10

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

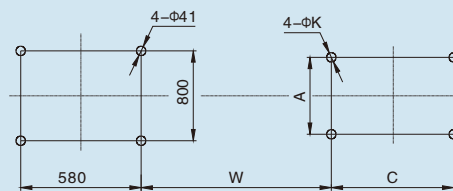
KQSN500-M(N)6 Technical Data



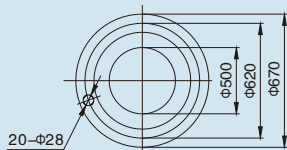
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN500-M6	860	1298	360.5	108	990	508.9	800	75	4.6	2608
		2163	600.8	100		693.0		85		
		2596	721.0	90		795.0		80		
	834	1206	335.0	101	990	454.4	710	73	4.5	2608
		2010	558.3	93		614.4		83		
		2412	670.0	85		706.8		79		
	791	1194	331.7	92	990	421.3	630	71	4.4	2604
		1990	552.8	84		560.7		81		
		2388	663.3	75		625.0		79		
	757	1142	317.3	85	990	383.3	560	69	4.3	2602
		1904	528.9	77		503.3		79		
		2285	634.7	69		550.3		77		
	705	1064	295.5	75	990	324.3	500	67	4.2	2600
		1773	492.5	67		417.5		77		
		2128	591	60		457.4		76		
KQSN500-N6	860	1028	285.7	103	990	406.3	630	71	4.5	2606
		1714	476.1	95		503.9		88		
		2057	571.3	88		605.1		81		
	817	977	271.4	94	990	362.5	560	69	4.4	2604
		1628	452.3	86		442.1		86		
		1954	542.8	80		532.1		80		
	783	936	260.0	87	990	330.9	500	67	4.3	2602
		1560	433.3	79		397.8		84		
		1872	519.9	72		464.6		79		
	748	895	248.5	80	990	299.9	450	65	4.1	2600
		1491	414.2	72		356.1		82		
		1789	497.1	65		406.1		78		
	705	843	234.3	72	990	262.5	400	63	4.0	2598
		1406	390.4	64		305.6		80		
		1687	468.5	57		340.0		77		



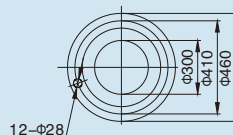
Installation foundation dimension without base:



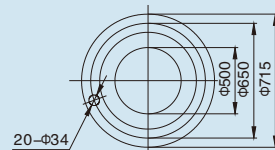
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

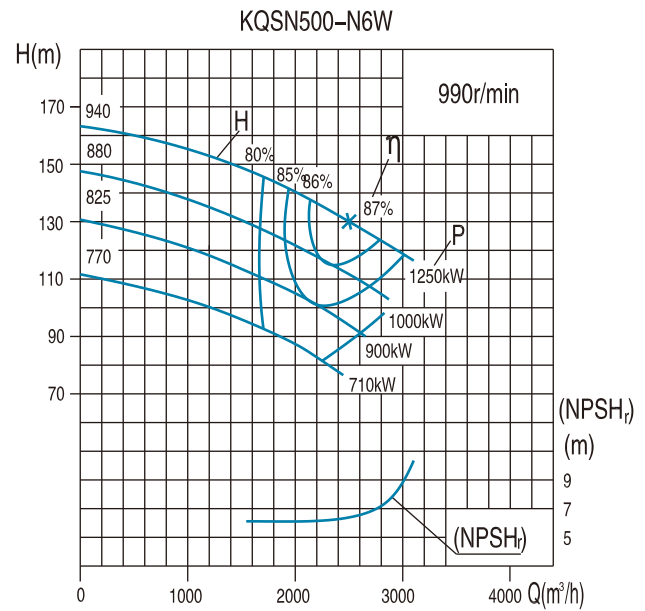
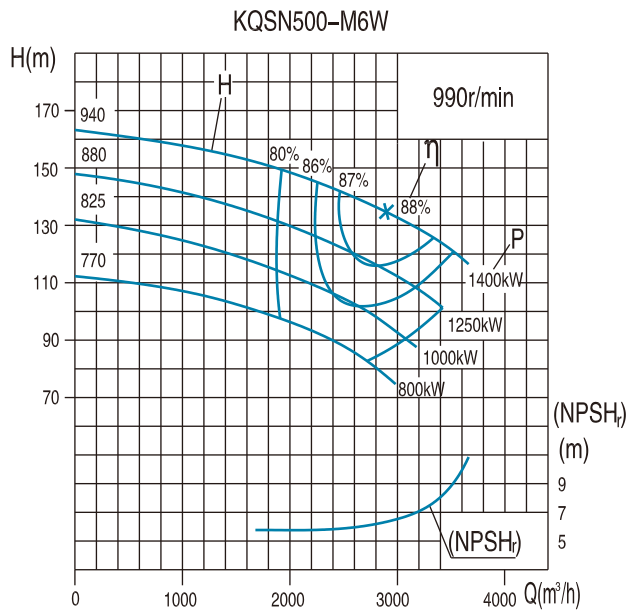


Length of discharge taper pipe E=1000

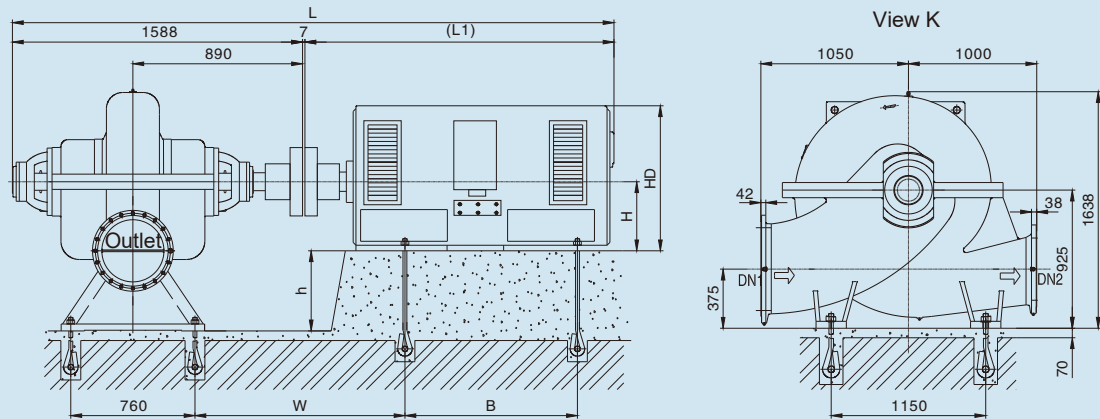
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN500-M6/N6	Y500-6	6000	I /II	800/710	4508	2920	760	3481	1050	1550	1321	900	1250	42	4020	810	10
	Y450-6	6000	I /II	630~450	4198	2610	700	3240	960	1495	1201	800	1120	35	3700	800	10
	Y400-6	6000	I /II	400	3898	2310	870	3066	960	1445	1141	710	1000	35	2590	794	8
	Y500-6	10000	I /II	800~500	3788	2200	750	3400	1050	1560	1321	900	1250	42	5050	915	10
	Y450-6	10000	I /II	450/400	3638	2050	700	3230	960	1510	1161	800	1120	35	3377	800	10
	Y400L-6	380	III/II	400	3508	1920	760	2788	960	1650	1086	686	710	35	3400	786	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

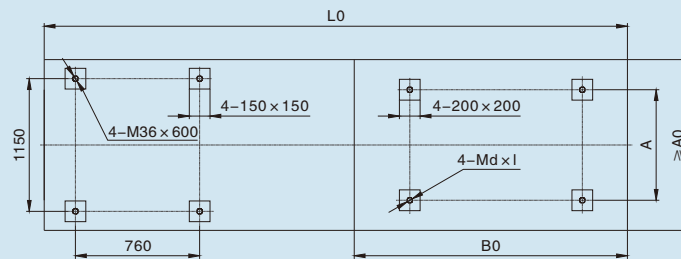
KQSN500-M(N)6W Technical Data



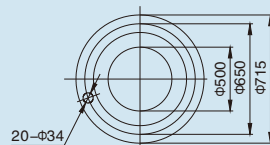
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M6W	940	1902	528.3	151	990	1029.1	1400	76	6.8	3150
		2900	805.6	135		1211.6		88		
		3600	1000.0	115		1374.9		82		
	880	1826	507.2	130	990	873.6	1250	74	6.7	3145
		2715	754.2	118		1002.8		87		
		3200	888.9	105		1143.8		80		
	825	1731	480.8	115	990	752.9	1000	72	6.6	3140
		2545	706.9	104		838.1		86		
		3000	833.3	87		911.3		78		
	770	1598	443.8	99	990	615.4	800	70	6.5	3130
		2375	659.7	91		700.7		84		
		2800	777.8	75		752.5		76		
KQSN500-N6W	940	1611	447.5	147	990	859.9	1250	75	6.7	3145
		2500	694.4	130		1017.3		87		
		3100	861.1	117		1190.1		83		
	880	1521	422.5	129	990	722.1	1000	74	6.6	3140
		2340	650.0	115		852.1		86		
		2880	800.0	103		985.2		82		
	825	1427	396.4	114	990	615.3	900	72	6.5	3130
		2195	609.7	101		710.3		85		
		2650	736.1	90		822.2		79		
	770	1335	370.8	54	990	278.8	710	70	6.4	3120
		2050	569.4	87		585.2		83		
		2450	680.6	77		676.0		76		



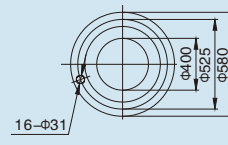
Installation foundation dimension without base :



Inlet flange DN 1



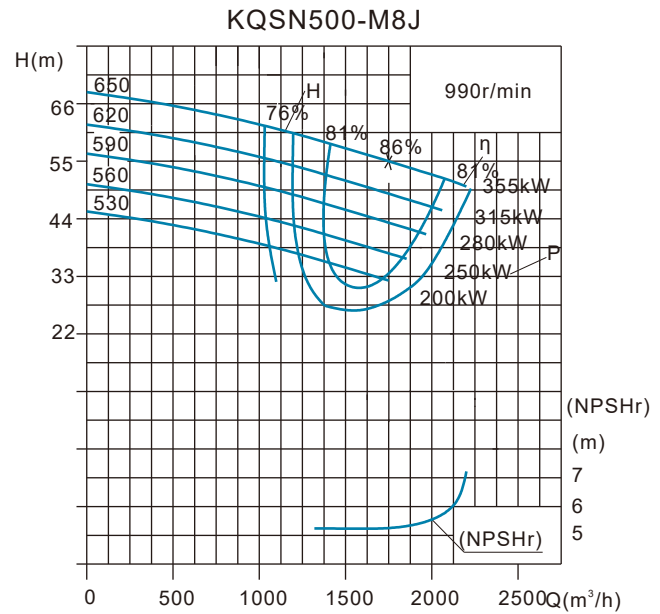
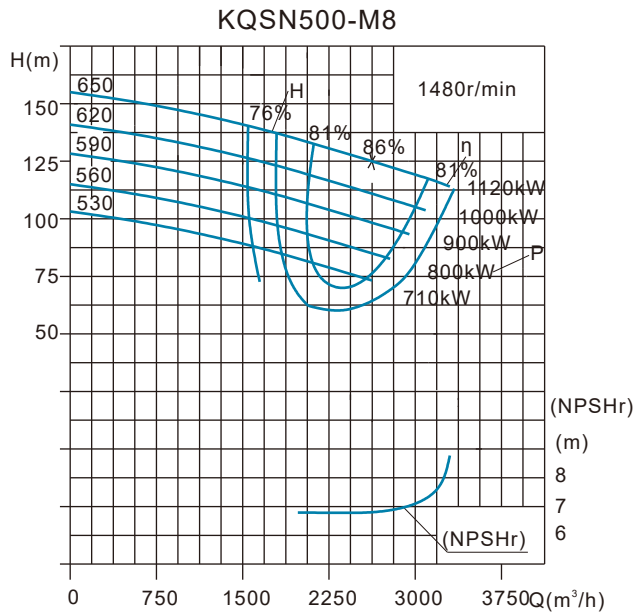
Outlet flange DN 2



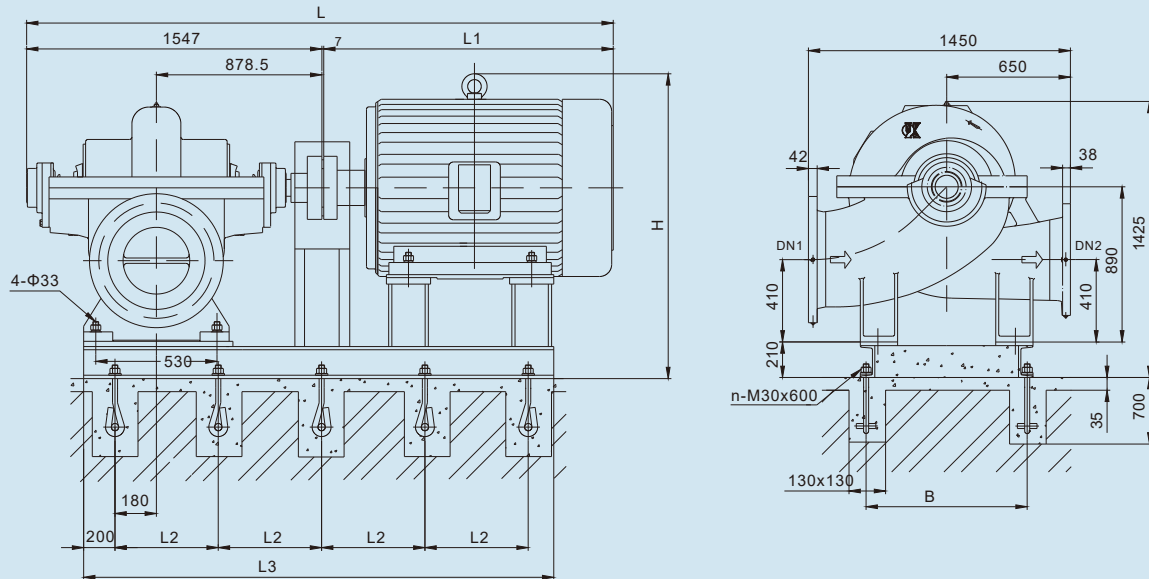
Pump Model	Motor				Dimension mm											d×l	Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD		
KQSN500-M6W/N6W	YKK500-6	6000	III/II	710/800	4145	2550	4250	1700	2225	1242	900	1250	425	500	1860	36×600	5880
	YKK560-6	6000	III/II	900~1120	4355	2760	4480	1800	2400	1317	1000	1400	365	560	2200	36×600	7850
	YKK630-6	6000	III/II	1250/1400	4895	3300	4700	2000	2630	1347	1120	1600	295	630	2250	42×800	11150
	YKK560-6	10000	III/II	710~900	4295	2700	4480	1800	2400	1317	1000	1400	365	560	2125	36×600	8300
	YKK630-6	10000	III/II	1000~1400	4895	3300	4700	2000	2630	1347	1120	1600	295	630	2250	42×800	11500

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

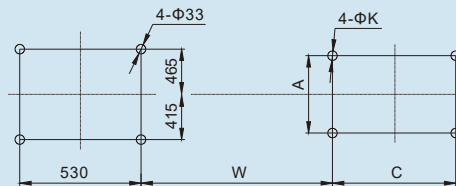
KQSN500-M8(J) Technical Data



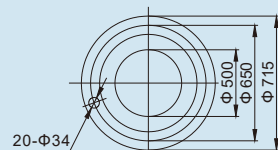
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M8	650	1560	433.3	163	1480	911.2	1120	76	6.8	2200
		2600	722.2	124		1020.9		86		
		3120	866.7	109		1102.6		84		
	620	1488	413.3	148	1480	801.3	1000	75	6.7	2195
		2480	688.9	113		896.4		85		
		2976	826.7	99		968.4		83		
	590	1416	393.3	134	1480	699.8	900	74	6.6	2190
		2360	655.6	102		781.7		84		
		2832	786.7	90		844.7		82		
	560	1344	373.3	121	1480	606.6	800	73	6.5	2185
		2240	622.2	92		676.5		83		
		2688	746.7	81		731.2		81		
	530	1272	353.3	108	1480	521.4	710	72	6.4	2180
		2120	588.9	82		580.5		82		
		2544	706.7	72		627.6		80		
KQSN500-M8J	650	1040	288.9	72	990	270.0	355	76	5.2	2200
		1733	481.5	55		302.5		86		
		2167	601.9	48		340.3		84		
	620	992	275.6	66	990	237.4	315	75	5.1	2195
		1653	459.3	50		265.6		85		
		2067	574.1	44		298.9		83		
	590	944	262.2	60	990	207.4	280	74	5.0	2190
		1573	437.0	45		231.6		84		
		1967	546.3	40		260.7		82		
	560	896	248.9	54	990	179.7	250	73	4.9	2185
		1493	414.8	41		200.4		83		
		1867	518.5	36		225.7		81		
	530	848	235.6	48	990	154.5	200	72	4.8	2180
		1413	392.6	37		172.0		82		
		1767	490.7	32		193.7		80		



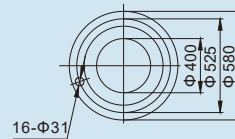
Installation foundation dimension without base :



Inlet flange DN 1 and outlet flange of discharge taper pipe



Outlet flange DN 2

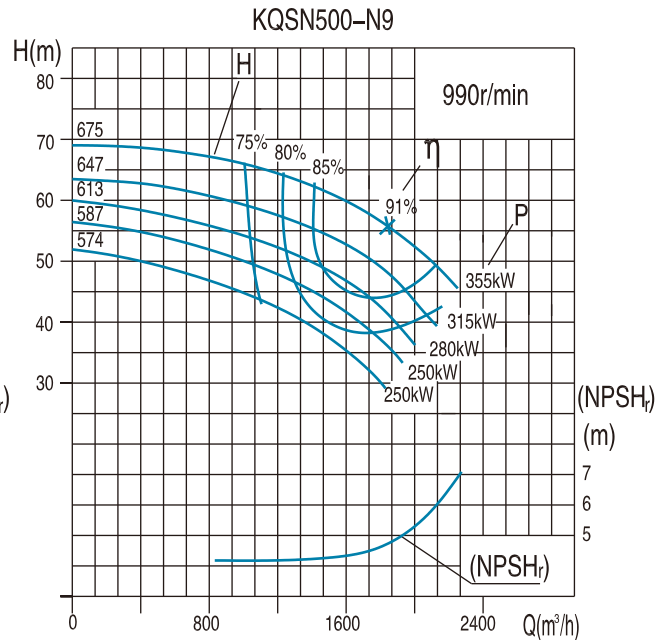
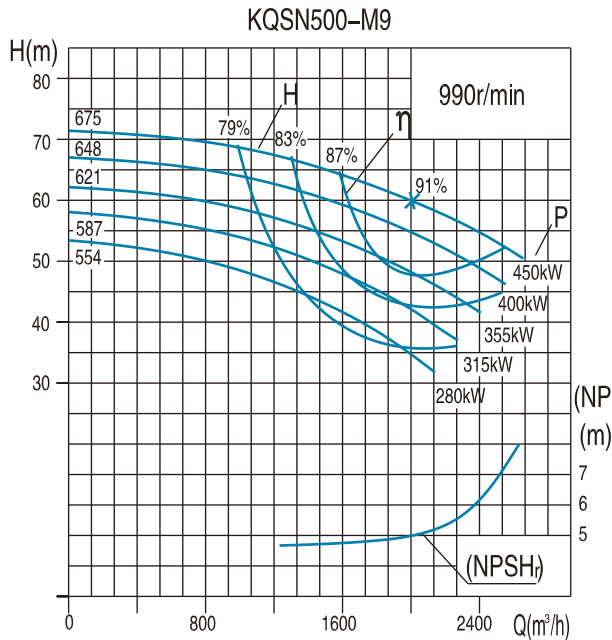


Length of discharge taper pipe E=800

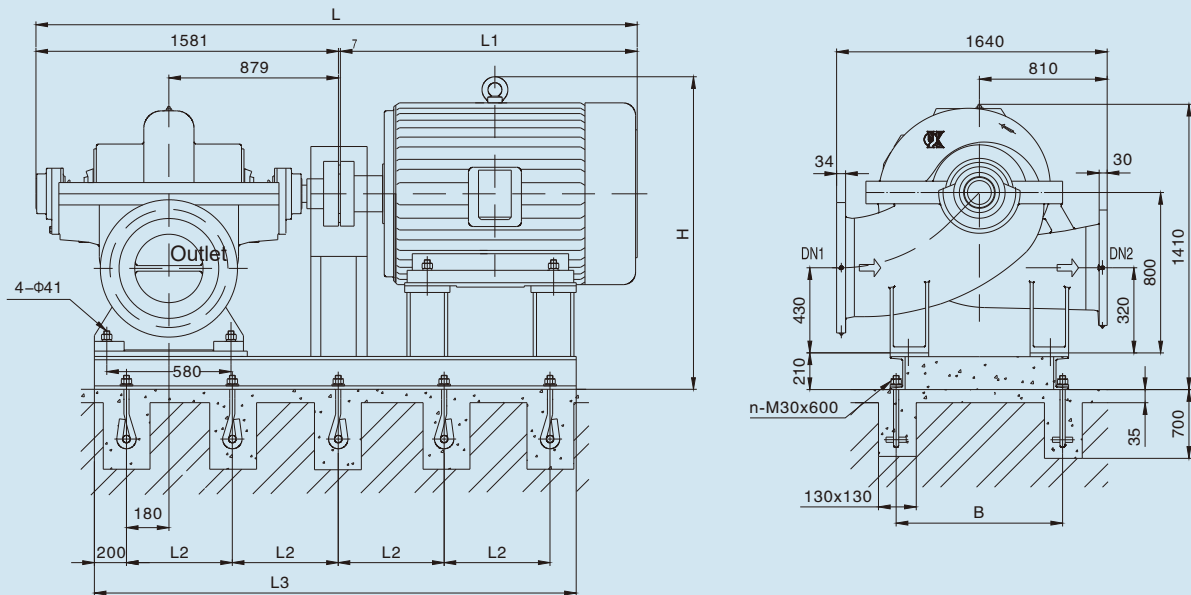
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN500-M8	YKK500-4	10000	I / II	1120	4249	2695	750	3401	1150	2580	1305.5	900	1250	42	6080	758	10
	YKK560-4	10000	I / II	1250~1600	4454	2900	800	3616	1150	2830	1370.5	1000	1400	42	7827	757	10
KQSN500-M8J	YKK400-6	6000	I / II	315~400	3824	2270	650	3011	1150	2300	1165.5	710	1000	35	3130	757	10
	YKK450-6	6000	I / II	450	3674	2120	700	3191	1150	2450	1225.5	800	355	35	3990	795	10

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

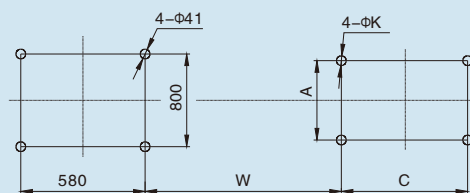
KQSN500-M(N)9 Technical Data



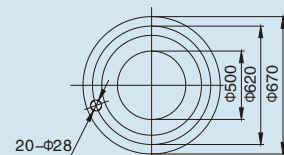
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M9	675	1212	336.7	68	990	270.4	450	83	5.0	2448
		2020	561.1	60		360.4		91		
		2424	673.3	55		412.6		88		
	648	1164	323.2	63	990	246.4	400	81	4.8	2446
		1939	538.7	55		326.0		89		
		2327	646.4	49		361.1		86		
	621	1115	309.7	58	990	222.9	355	79	4.7	2444
		1858	516.2	50		293.5		87		
		2230	619.5	44		318.1		84		
	587	1054	292.9	53	990	197.7	315	77	4.5	2442
		1757	488.2	45		254.0		85		
		2109	585.8	39		273.1		82		
KQSN500-N9	675	994	276.1	49	990	176.8	280	75	4.4	2440
		1656	460.1	40		217.8		83		
		1988	552.1	34		230.1		80		
	647	1092	303.3	66	990	262.0	355	75	4.5	2446
		1820	505.6	56		305.0		91		
		2184	606.7	51		348.0		87		
	613	1048	291.2	60	990	235.6	315	73	4.3	2444
		1747	485.3	52		278.0		89		
		2097	582.4	46		308.6		85		
	587	994	276.0	55	990	208.6	280	71	4.3	2442
		1656	460.1	47		243.7		87		
		1987	552.1	41		267.0		83		
KQSN500-N9	574	874	242.8	47	990	167.7	250	67	4.0	2438
		1457	404.7	36		171.5		83		
		1748	485.6	33		198.6		79		



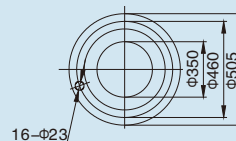
Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

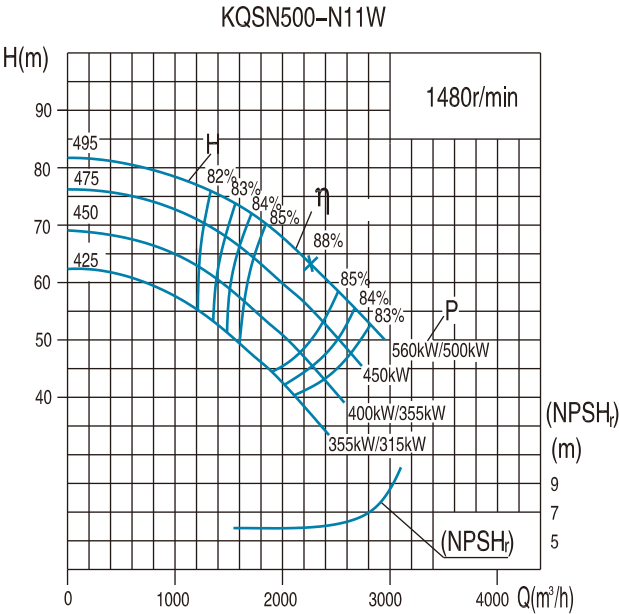
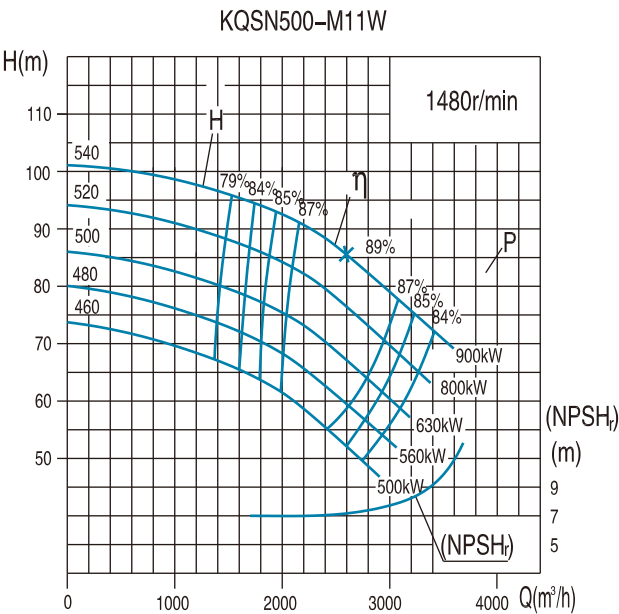


Length of discharge taper pipe E=800

Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN500-M9/N9	Y450-6	6000	I / II	450	3708	2120	700	3270	960	1495	1201	800	1120	35	3100	795	10
	Y400-6	6000	I / II	400~280	3528	1940	700	3120	960	1445	1141	710	1000	35	2590	782	10
	Y355-6	6000	I / II	250~220	3408	1820	830	2950	960	1435	1121	630	900	28	2290	776	8
	Y450-4	10000	I / II	450	3638	2050	700	3230	960	1510	1161	800	1120	35	3377	790	10
	Y450-6	10000	I / II	400~200	3638	2050	700	3230	960	1510	1161	800	1120	35	3295	790	10
	Y400L-6	380	IV	400	3508	1920	760	2788	960	1700	1086	686	70	35	3400	780	8
	Y400M-6	380	IV	355~280	3508	1920	760	2788	960	1700	1086	686	630	35	3100	780	8
	Y355L2-6	380	IV	250	3209	1621	700	2450	960	1615	1020	610	630	28	2053	762	8

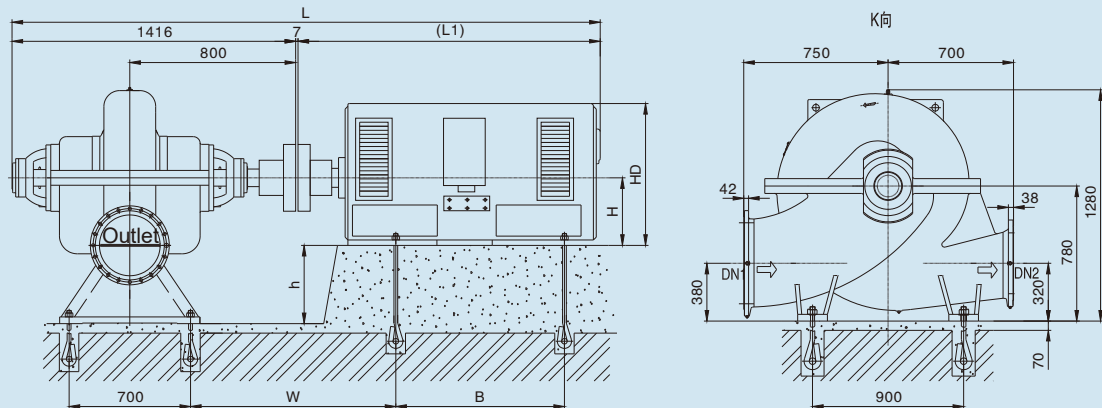
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN500-M(N)11W Technical Data

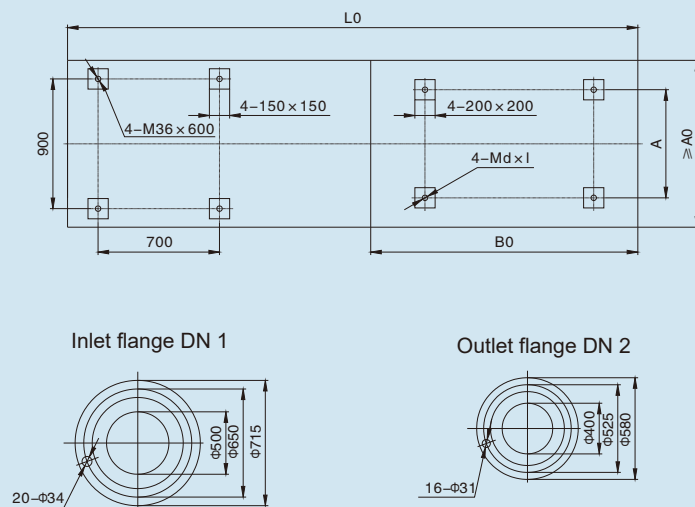


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M11W	540	2120	588.9	93	1480	613.8	900	87	7.1	1978
		2650	736.1	86		697.4		89		
		3180	883.3	76		774.3		85		
	520	2016	560.0	86	1480	549.0	800	86	6.9	1976
		2520	700.0	79		616.1		88		
		3024	840.0	68		651.2		86		
	500	1904	528.9	79	1480	476.3	630	86	6.8	1974
		2380	661.1	71		528.9		87		
		2856	793.3	62		560.7		86		
	480	1816	504.4	72	1480	418.9	560	85	6.7	1972
		2270	630.6	65		467.2		86		
		2724	756.7	56		494.6		84		
	460	1772	492.2	64	1480	367.7	500	84	6.6	1970
		2215	615.3	58		411.6		85		
		2658	738.3	50		441.4		82		
KQSN500-N11W	495	1760	488.9	72	1480	401.3	*560/500	86	6.1	1976
		2200	611.1	63		428.9		88		
		2640	733.3	53		448.3		85		
	475	1616	448.9	65	1480	336.5	450	85	5.9	1974
		2020	561.1	58		366.7		87		
		2424	673.3	49		380.5		85		
	450	1496	415.6	58	1480	281.3	*400/355	84	5.8	1972
		1870	519.4	51		302.0		86		
		2244	623.3	44		324.0		83		
	425	1416	393.3	50	1480	235.1	*355/315	82	5.7	1970
		1770	491.7	47		266.5		85		
		2124	590.0	37		264.2		81		

Notice:For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



Installation foundation dimension without base :

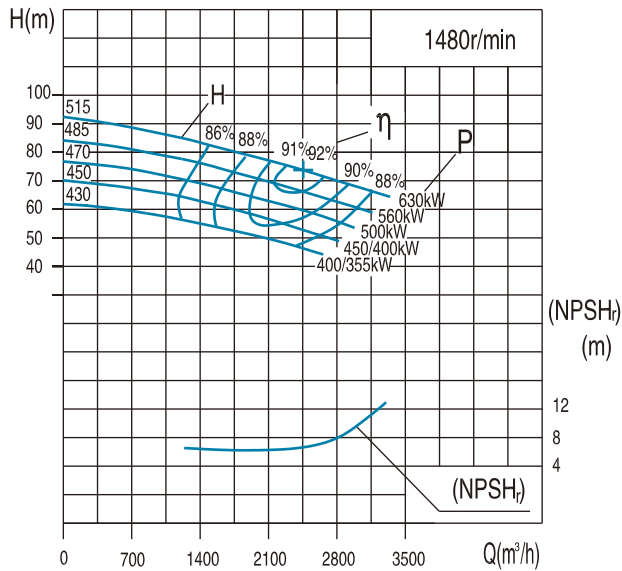


Pump Model	Motor				Dimension mm												d×l	Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD	Motor		
KQSN500-M11W/N11W	YKK500-4, IMB3	6000	II / III	800~900	4163	2740	4032	1800	2150	1182	900	1250	280	500	1860	36×600	5660	
	YKK450-4, IMB3		II / III	500~710	3973	2550	3742	1700	2020	1022	800	1120	330	450	1660	36×600	4890	
	YKK400-4, IMB3		II / III	355~450	3673	2250	3602	1610	1900	1002	710	1000	380	400	1460	30×600	3060	
	YKK560-4, IMB3	10000	II / III	900	3823	2400	4207	1900	2300	1207	1000	1400	220	560	2330	36×600	7800	
	YKK500-4, IMB3		II / III	500~800	3623	2200	3992	1800	2150	1142	900	1250	280	500	2080	36×600	6060	
	YKK450-4, IMB3		II / III	355~450	3473	2050	3742	1700	2020	1022	800	1120	330	450	1930	30×600	4490	

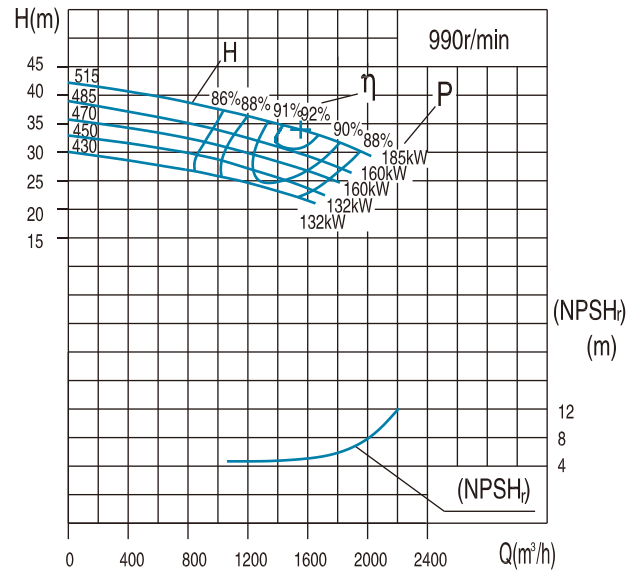
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN500-M12S(J) Technical Data

KQSN500-M12S

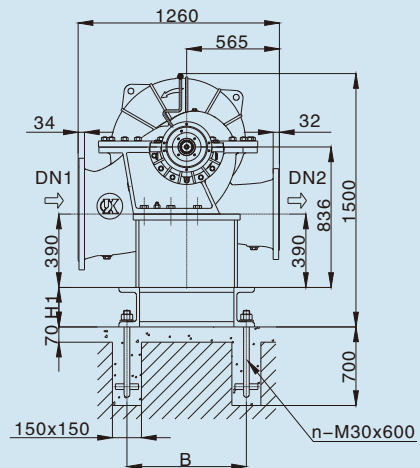
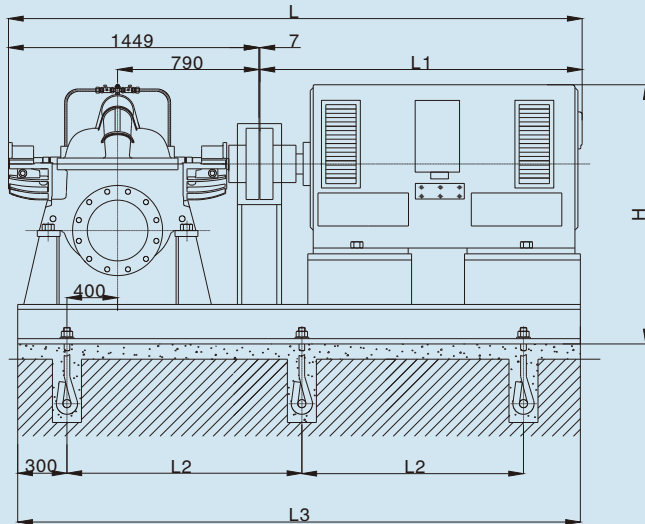


KQSN500-M12SJ

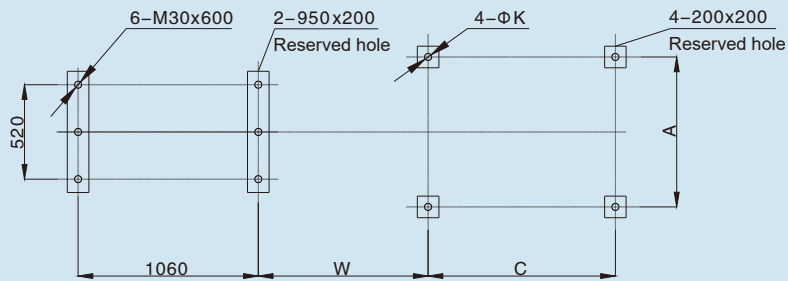


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M12S	515	1470	408.3	80	1480	370.7	630	86.4	7.0	1744
		2450	680.6	74		536.7		92.0		
		2940	816.7	69		616.6		89.6		
	485	1384	384.5	78	1480	341.1	560	86.2	6.9	1739
		2307	640.8	68		466.9		91.5		
		2768	769.0	63		533.7		89.0		
	470	1341	372.5	69	1480	293.0	500	86.0	6.8	1434
		2235	620.8	62		416.5		90.6		
		2682	745.0	57		467.8		89.0		
	450	1284	356.7	64	1480	260.2	*450/400	86.0	6.7	1729
		2140	594.4	55		355.4		90.2		
		2568	713.3	51		403.9		88.3		
KQSN500-M12SJ	515	936	260.0	39	990	119.8	185	83.0	4.8	1744
		1560	433.3	34		157.0		92.0		
		1872	520.0	30		173.8		88.0		
	485	882	245.0	36	990	104.8	160	82.5	4.7	1739
		1470	408.3	31		135.2		91.8		
		1764	490.0	26		141.9		88.0		
	470	854	237.2	33	990	93.6	160	82.0	4.6	1734
		1423	395.3	28		119.9		90.5		
		1708	474.3	25		132.9		87.5		
	450	818	227.2	31	990	84.2	132	82.0	4.5	1729
		1363	378.6	26		107.1		90.1		
		1636	454.3	23		117.5		87.2		
	430	781	217.0	27	990	70.5	132	81.5	4.4	1724
		1302	361.7	24		95.1		89.5		
		1562	434.0	22		107.6		87.0		

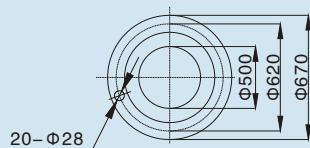
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



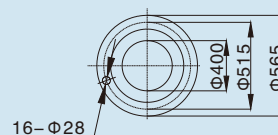
Installation foundation dimension without base:



Inlet flange DN 1



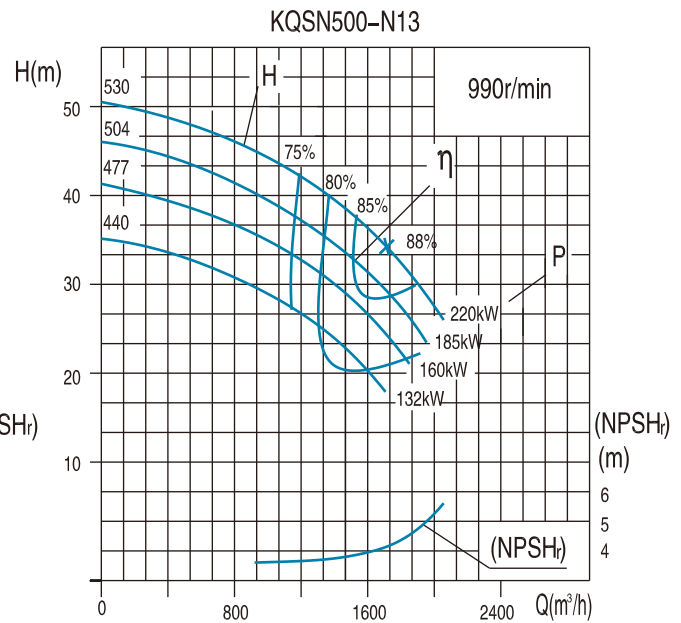
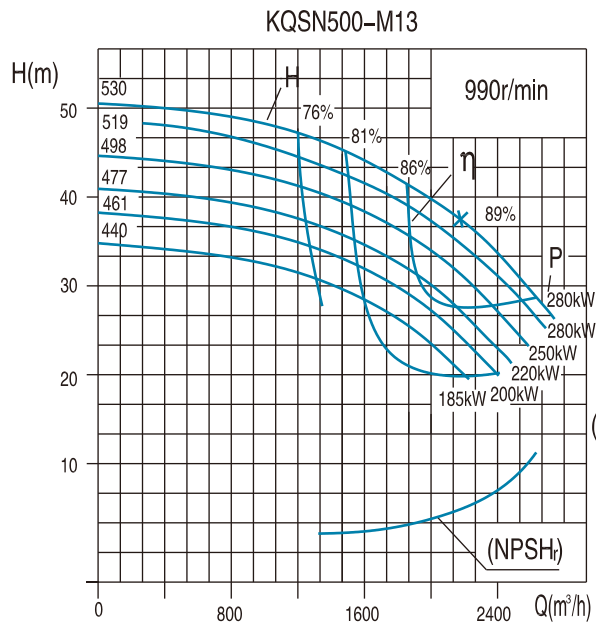
Outlet flange DN 2



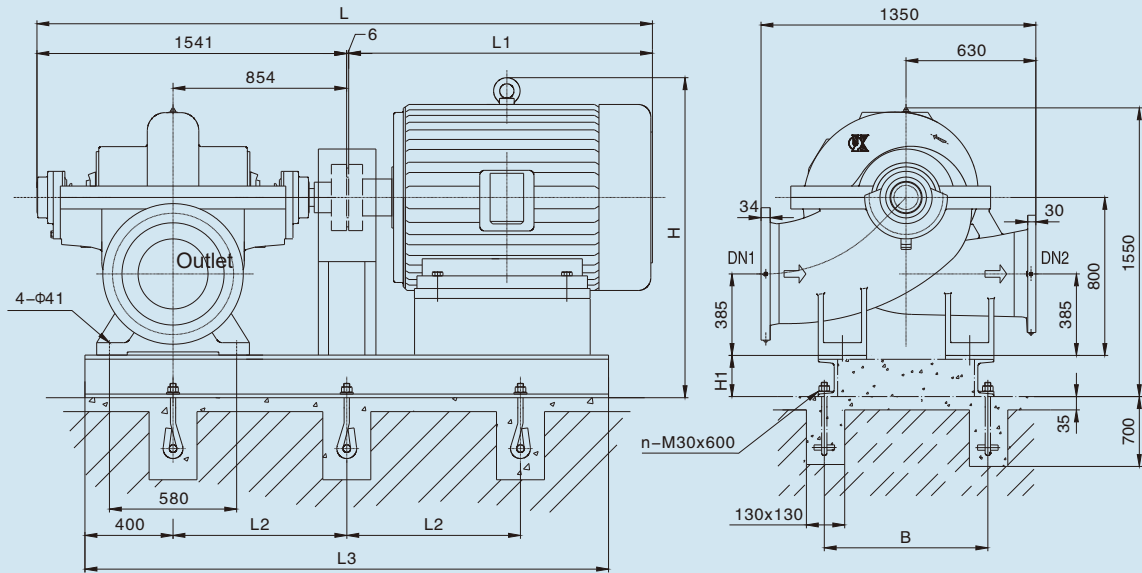
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN500-M12S	YKK450-4	10000	III/ II	355~630	3716	2260	730	3500	1050	2156	210	832	800	1120	35	1070	925	10
	YKK450-4	6000	III/ II	560~630	3526	2070	730	3500	1050	2496	210	832	800	1120	35	3880	925	10
	YKK400-4	6000	III/ II	355~450	3506	2050	670	3350	900	2011	210	812	710	1000	35	2770	910	10
KQSN500-M12SJ	Y355M1-6	380	IV	185	2947	1491	700	2550	750	1641	200	691	610	560	28	1685	580	8
	Y355S-6	380	IV	160	2947	1491	700	2550	750	1641	200	691	610	500	28	1645	580	8
	Y315L2-6	380	IV	132	2893	1437	650	2450	700	1591	200	653	508	508	28	1239	550	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

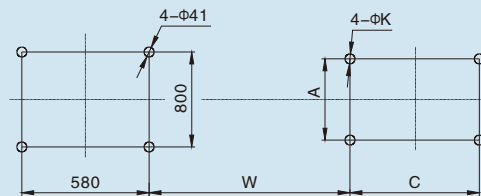
KQSN500-M(N)13 Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN500-M13	530	1320	366.7	46	990	209.3	280	79	4.2	2220
		2200	611.1	36		242.3		89		
		2640	733.3	29		245.3		85		
	519	1292	359.0	44	990	197.0	280	78	4.1	2218
		2154	598.3	35		233.3		88		
		2585	718.0	27		226.3		84		
	498	1240	344.5	40	990	176.2	250	77	4.0	2216
		2067	574.2	32		207.0		87		
		2480	689.0	24		195.3		83		
	477	1188	330.0	37	990	156.8	220	76	3.9	2214
		1980	550.0	30		188.1		86		
		2376	660.0	23		181.5		82		
	461	1148	319.0	34	990	143.5	200	75	3.8	2212
		1914	531.7	28		171.7		85		
		2297	638.0	21		162.2		81		
KQSN500-N13	530	1028	285.7	45	990	175.4	220	71	4.1	2218
		1714	476.1	35		182.7		89		
		2057	571.3	28		189.2		84		
	504	977	274.2	40	990	154.7	185	69	4.0	2216
		1628	452.2	31		160.3		87		
		1954	542.8	26		166.1		82		
	477	926	257.1	36	990	135.5	160	67	3.9	2214
		1543	428.5	28		139.5		85		
		1851	514.2	23		144.8		80		
	440	854	237.1	31	990	109.5	132	65	3.8	2212
		1423	395.2	24		112.0		83		
		1707	474.2	20		116.5		78		

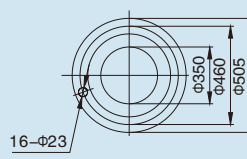
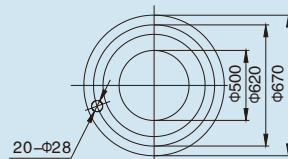


Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe

Outlet flange DN 2

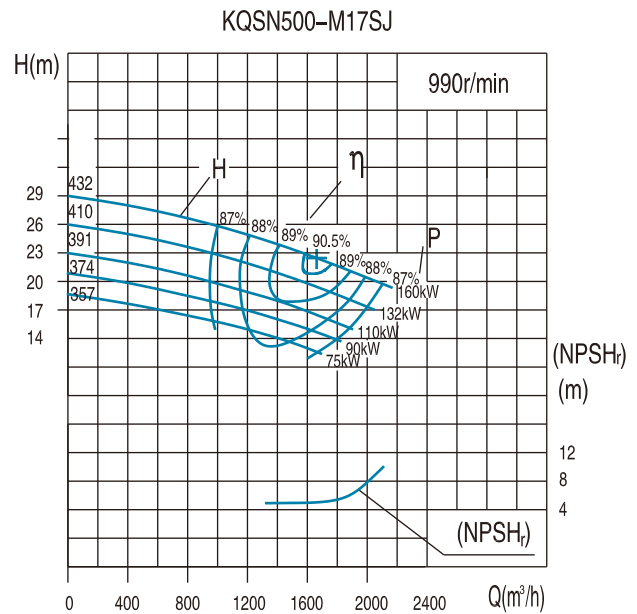
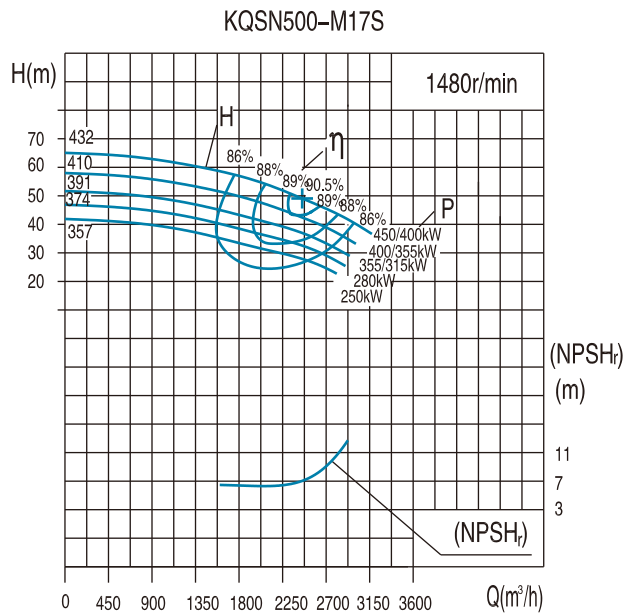


Length of discharge taper pipe E=800

Pump Model	Motor				Dimension mm												Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base		
KQSN500-M13/N13	Y400-6	6000	I / II	280	3527	1980	800	3100	960	1330	210	1115	710	1000	35	2310	635	8	
	Y355-6	6000	I / II	250~200	3437	1890	750	2960	960	1170	210	1095	630	900	28	1930	625	8	
	Y450-6	10000	I / II	280~200	3597	2050	850	3230	960	1950	210	1135	800	1120	35	2950	640	8	
	Y400M-6	380	IV	280	3437	1890	1000	2800	960	1650	210	1060	686	630	35	2100	605	6	
	Y355L2-6	380	IV	250	3168	1621	800	2400	960	1615	210	994	610	630	28	2053	598	6	
	Y355L1-6	380	IV	220	3168	1621	800	2400	960	1615	210	994	610	630	28	1922	598	6	
	Y355M2-6	380	IV	200	3038	1491	800	2400	960	1615	210	994	610	560	28	1779	598	6	
	Y355M1-6	380	IV	185	3038	1491	800	2400	960	1615	210	994	610	560	28	1685	598	6	
	Y355S-6	380	IV	160	3038	1491	800	2400	960	1615	210	994	610	500	28	1645	598	6	
	Y315L2-6	380	IV	132	2984	1437	730	2260	960	1545	190	956	508	508	28	1239	595	6	

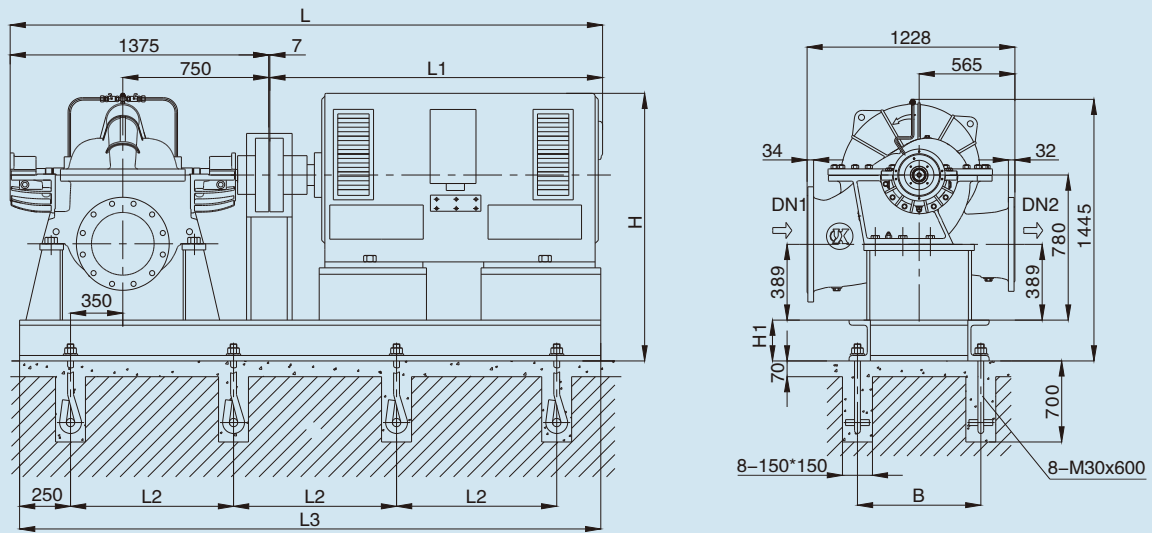
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN500-M17S(J) Technical Data

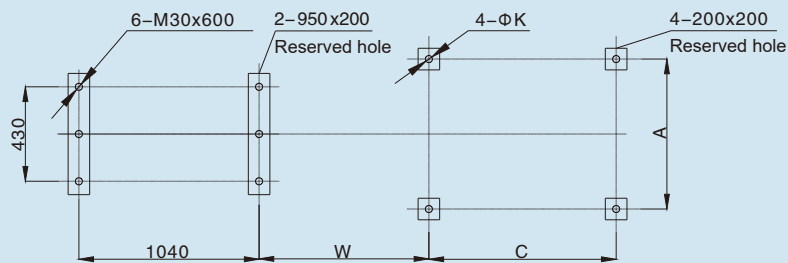


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN500-M17S	432	1500	416.7	58	1480	275.5	*450/400	86.0	7.0	1280
		2500	694.4	49		368.6		90.5		
		3000	833.3	42		389.9		88.0		
	410	1440	400.0	52	1480	237.1	*400/355	86.0	6.9	1275
		2400	666.7	44		321.3		89.5		
		2880	800.0	38		342.6		87.0		
	391	1358	377.3	45	1480	195.8	*355/315	85.0	6.8	1270
		2264	628.9	40		278.7		88.5		
		2717	754.7	35		301.1		86.0		
	374	1299	360.8	42	1480	174.8	280	85.0	6.7	1265
		2165	601.4	37		249.3		87.5		
		2598	721.7	30		249.7		85.0		
	354	1240	344.5	38	1480	152.8	250	84.0	6.6	1260
		2067	574.2	34		216.8		87.0		
		2480	689.0	29		227.8		86.0		
KQSN500-M17SJ	432	1005	279.2	26	990	81.8	132	87.0	4.8	1280
		1675	465.3	22		110.9		90.5		
		2010	558.3	21		130.6		88.0		
	410	965	268.0	23	990	69.5	110	87.0	4.7	1275
		1608	446.7	20		97.9		89.5		
		1930	536.0	18		108.7		87.0		
	391	910	252.8	21	990	60.5	110	86.0	4.6	1270
		1517	421.4	18		84.0		88.5		
		1820	506	16		91.2		87.0		
	374	871	241.8	19	990	52.4	90	86.0	4.5	1265
		1451	403.1	16		71.8		88.0		
		1741	483.7	14		77.2		86.0		
	354	831	230.8	21	990	55.9	75	85.0	4.4	1260
		1385	384.7	14		60.7		87.0		
		1662	461.7	15		78.9		86.0		

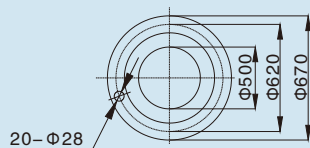
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



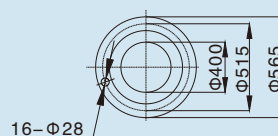
Installation foundation dimension without base:



Inlet flange DN 1



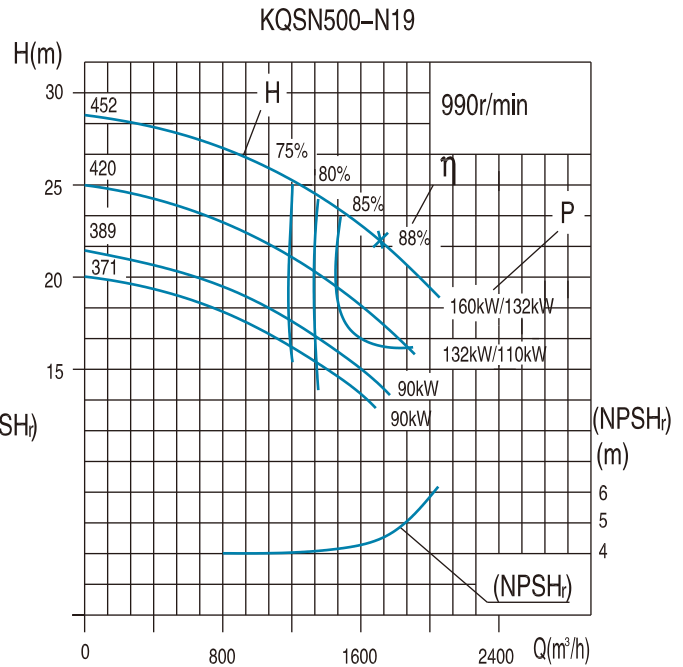
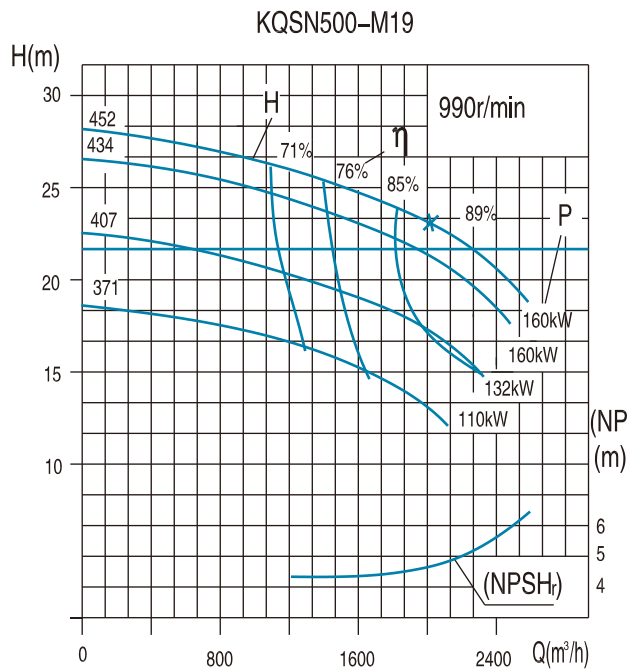
Outlet flange DN 2



Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN500-M17S	YKK400-4	6000	III / II	280~450	3432	2050	900	3300	870	1955	210	782	710	1000	35	2770	845	8
	YKK450-4	10000	III / II	315~450	3642	2260	900	3320	1000	2100	210	802	800	1120	35	3520	950	8
	Y355L2-4	380	IV	315	3003	1621	650	2500	750	1595	210	661	610	630	28	2084	550	8
	Y355L1-4	380	IV	280	3003	1621	650	2500	750	1595	210	661	610	630	28	1947	550	8
	Y355M2-4	380	IV	250	2873	1491	650	2500	750	1595	210	661	610	560	28	1764	550	8
KQSN500-M17SJ	Y315L2-6	380	IV	132	2819	1437	620	2355	650	1545	210	623	508	508	28	1239	450	8
	Y315L1-6	380	IV	110	2819	1437	620	2355	650	1545	210	623	508	508	28	1211	450	8
	Y315M-6	380	IV	90	2819	1437	620	2355	650	1545	210	623	508	457	28	1120	450	8
	Y315S-6	380	IV	75	2689	1307	590	2280	650	1545	210	623	508	406	28	954	400	8

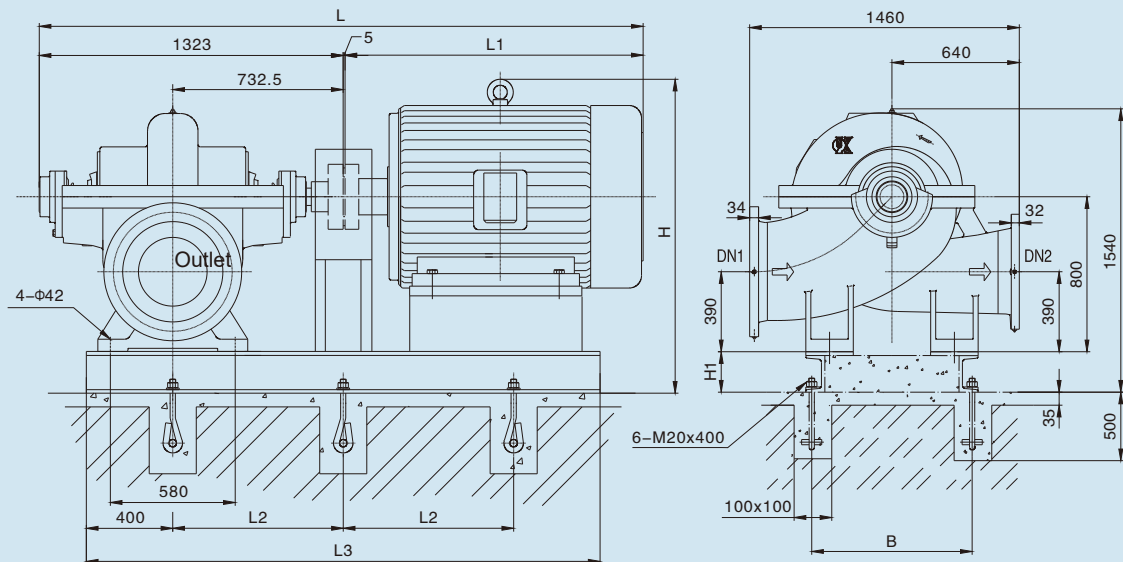
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN500-M(N)19 Technical Data

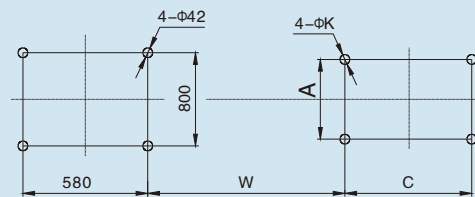


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M19	452	1212	336.7	26	990	114.9	160	74	4.6	1728
		2020	561.1	23		142.2		89		
		2424	673.3	19		139.5		88		
	434	1164	323.2	24	990	104.5	160	72	4.5	1726
		1939	538.7	20		124.3		87		
		2327	646.4	17		126.2		86		
	407	1091	303.0	21	990	88.6	132	70	4.4	1724
		1818	505.0	18		104.9		85		
		2182	606.0	15		106.5		84		
	371	994	276.1	17	990	69.0	110	68	4.3	1722
		1656	460.1	15		81.2		83		
		1988	552.1	13		82.5		82		
KQSN500-N19	452	1028	285.7	25	990	104.9	*160/132	67	4.5	1726
		1714	476.1	22		116.8		89		
		2057	571.3	18		117.1		87		
	420	956	265.7	22	990	87.0	*132/110	65	4.3	1724
		1594	442.8	19		96.1		87		
		1913	531.3	16		96.4		85		
	389	884	245.7	18	990	71.0	90	63	4.0	1722
		1474	409.5	16		77.8		85		
		1769	491.4	13		78.1		83		
	371	843	234.3	17	990	63.5	90	61	3.9	1720
		1406	390.4	15		69.0		83		
		1687	468.5	12		69.4		81		

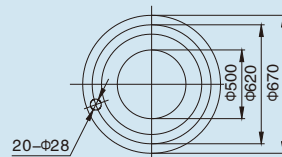
Notice: For those with * it is generally matched with large-scale motor, and individual users are not operating under low lift condition, and can be matched according to small gear motor.



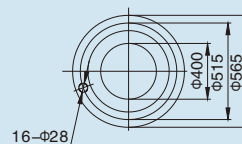
Installation foundation dimension without base :



Inlet flange DN 1 and outlet
flange of discharge taper pipe



Outlet flange DN 2

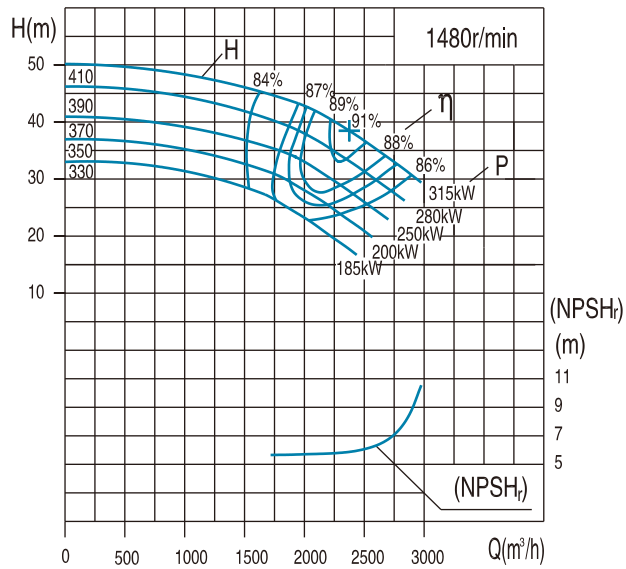


Pump Model	Motor				Dimension mm											Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base
KQSN500-M19/N19	Y355S-6	380	IV	160	2973	1491	800	2250	960	1615	210	871.5	610	500	28	1645	610
	Y315L2-6	380	IV	132	2567	1437	700	2160	960	1545	190	833.5	508	508	28	1239	611
	Y315L1-6	380	IV	110	2539	1437	700	2160	960	1545	190	833.5	508	508	28	1211	611
	Y315M-6	380	IV	90	2448	1437	700	2160	960	1545	190	833.5	508	457	28	1120	608

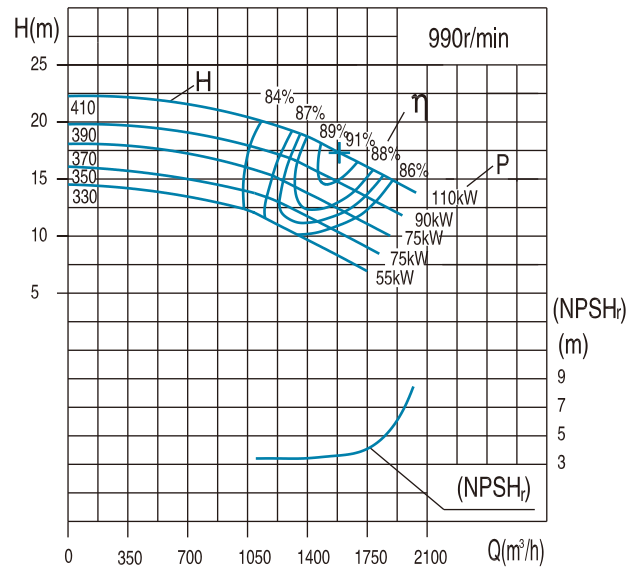
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN500-M20S(J) Technical Data

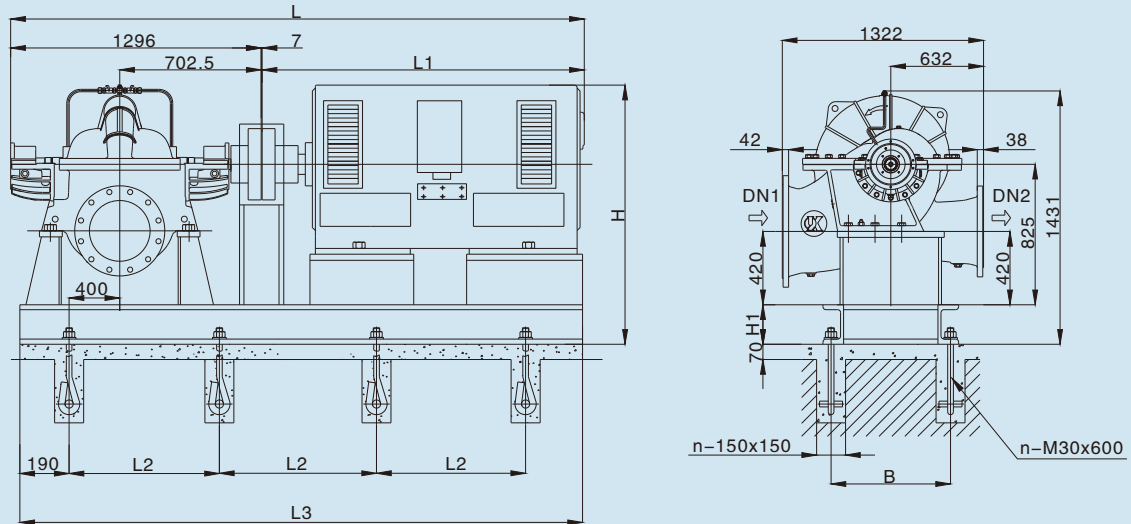
KQSN500-M20S



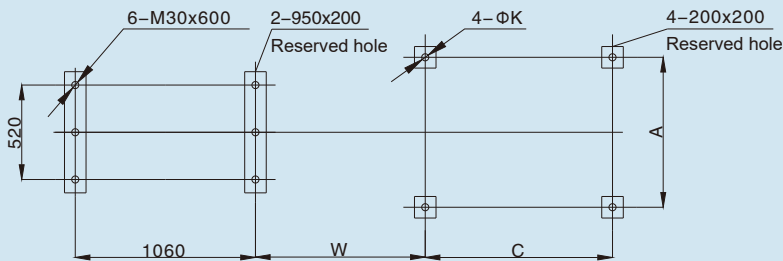
KQSN500-M20SJ



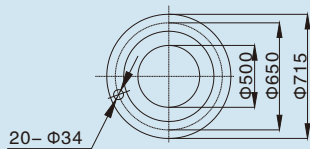
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN500-M20S	410	1425	395.8	46	1480	212.5	315	84.0	6.0	1181
		2375	659.7	38		270.1		91.0		
		2850	791.7	31		276.6		87.0		
	390	1355	376.5	43	1480	191.2	280	83.0	5.9	1179
		2259	627.5	35		239.2		90.0		
		2711	753.0	28		237.6		87.0		
	370	1286	357.2	40	1480	170.8	250	82.0	5.8	1177
		2143	595.3	31		203.3		89.0		
		2572	714.3	25		203.6		86.0		
	350	1216	337.8	34	1480	139.0	200	81.0	5.7	1175
		2027	563.1	28		175.6		88.0		
		2432	675.7	22		171.4		85.0		
KQSN500-M20SJ	410	952	264.5	21	990	64.8	110	84.0	3.8	1181
		1587	440.8	17		80.7		91.0		
		1904	529.0	15		89.4		87.0		
	390	906	251.7	18	990	53.5	90	83.0	3.7	1179
		1510	419.4	15		68.5		90.0		
		1812	503.3	13		74.6		86.0		
	370	859	238.7	17	990	48.5	75	82.0	3.6	1177
		1432	397.8	14		61.3		89.0		
		1718	477.3	11		60.6		85.0		
	350	813	225.8	15	990	41.0	75	81.0	3.5	1175
		1355	376.4	12		50.3		88.0		
		1626	451.7	10		52.7		84.0		
KQSN500-M20SJ	330	766	212.8	13	990	33.9	55	80.0	3.4	1173
		1277	354.7	11		44.0		87.0		
		1532	425.7	9		45.3		83.0		



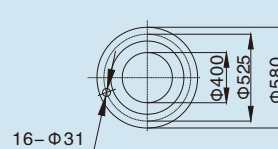
Installation foundation dimension without base:



Inlet flange DN 1



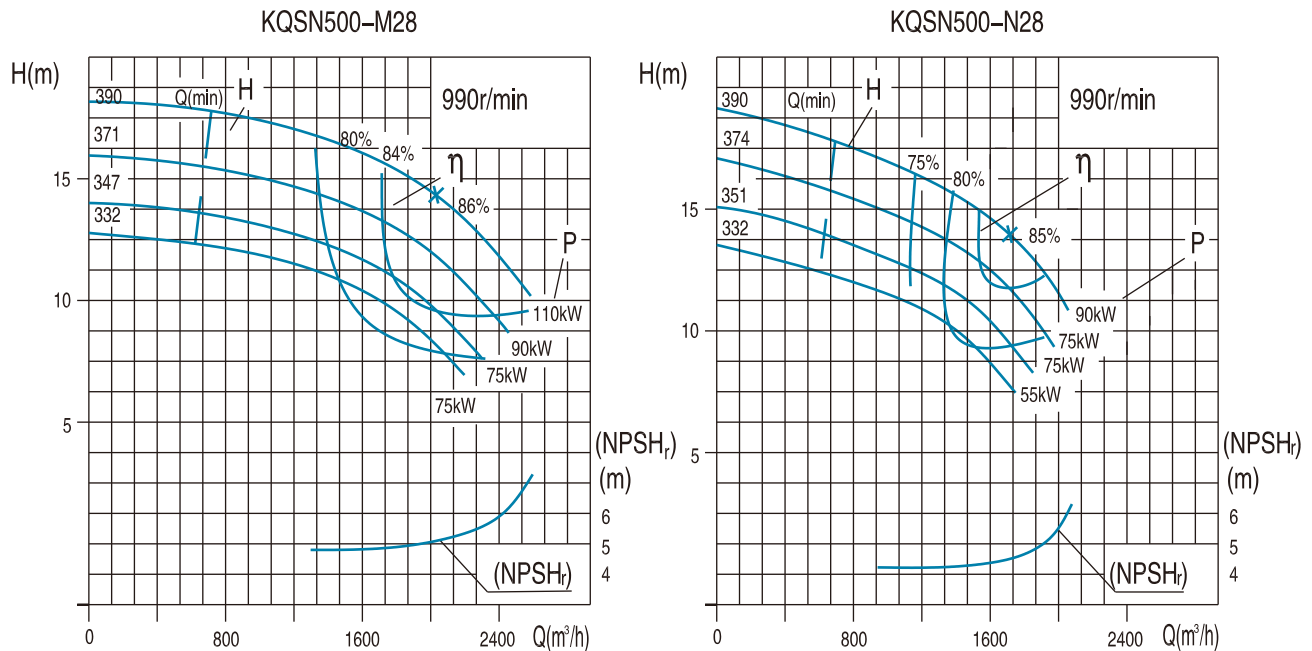
Outlet flange DN 2



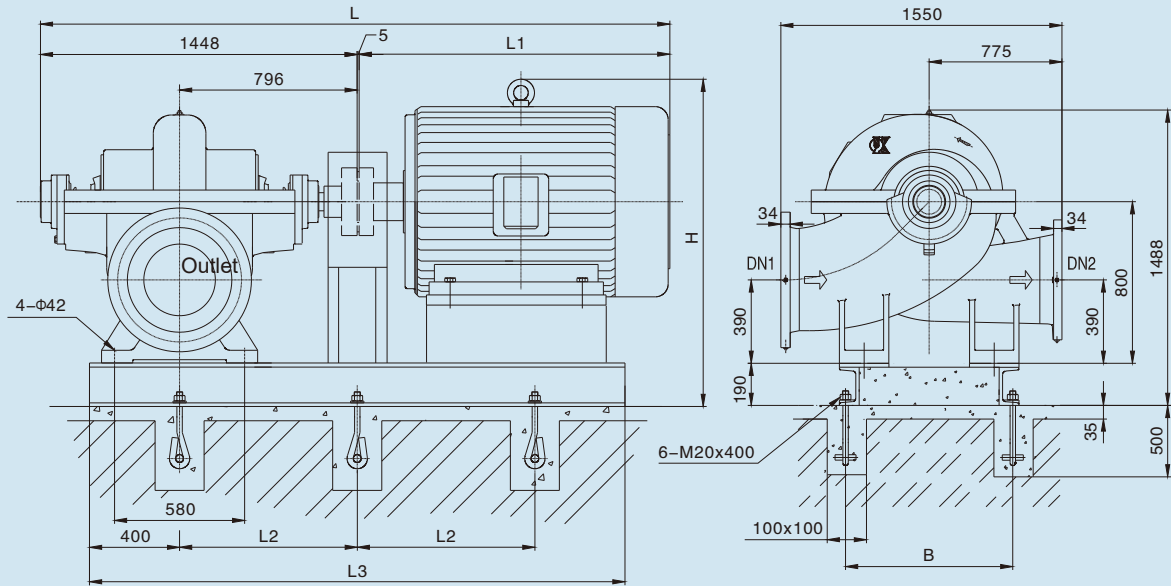
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN500-M20S	YKK355-4	6000	III/ II	185~315	3293	1990	850	3070	800	1951	210	704.5	630	900	28	2180	700	8
	YKK400-4	10000	III/ II	185~316	3393	2090	900	3165	850	1906	210	724.5	710	1000	35	2830	750	8
	Y355L2-4	380	IV	315	2924	1621	660	2430	750	1630	200	603.5	610	630	28	2084	670	8
	Y355L1-4	380	IV	280	2924	1621	660	2430	750	1630	200	603.5	610	630	28	1947	670	8
	Y355M2-4	380	IV	250	2794	1491	660	2430	750	1630	200	603.5	610	560	28	1764	670	8
	Y315L2-4	380	IV	200	2740	1437	640	2310	700	1580	200	565.5	508	508	28	1582	520	8
	Y355S1-4	380	IV	185	2794	1491	660	2430	750	1630	200	603.5	610	500	28	1281	670	8
KQSN500-M20SJ	Y315L1-6	380	IV	110	2740	1437	640	2310	700	1580	200	565.5	508	508	28	1211	520	8
	Y315M-6	380	IV	90	2740	1437	640	2310	700	1580	200	565.5	508	457	28	1120	520	8
	Y315S-6	380	IV	75	2610	1307	640	2230	700	1580	200	565.5	508	406	28	954	490	8
	Y280M-6	380	IV	55	2383	1080	560	2130	700	1480	200	509.5	457	419	24	530	430	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

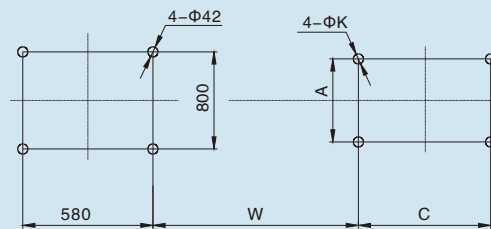
KQSN500-M(N)28 Technical Data



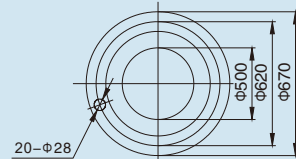
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN500-M28	390	1290	358.3	17	990	74.7	110	80	5.0	1465
		2150	597.2	14		95.3		86		
		2580	716.7	10		81.1		84		
	371	1151	319.8	15	990	59.4	90	78	4.8	1464
		1919	533.1	12		73.7		84		
		2303	639.7	9		66.9		82		
	347	1079	299.6	13	990	50.1	75	76	4.6	1463
		1798	499.4	10		62.1		82		
		2157	599.3	8		56.4		80		
	332	1030	286.2	12	990	44.8	75	74	4.5	1462
		1717	476.9	9		55.5		80		
		2060	572.3	7		50.4		78		
KQSN500-N28	390	1080	300.0	16	990	67.2	90	72	4.5	1464
		1800	500.0	14		78.1		85		
		2160	600.0	10		67.2		83		
	374	1037	288.0	15	990	61.2	75	70	4.4	1463
		1728	480.0	12		70.8		83		
		2074	576.0	9		61.0		81		
	351	972	270.0	13	990	51.9	75	68	4.2	1462
		1620	450.0	11		59.8		81		
		1944	540.0	8		51.5		79		
	332	874	242.8	11	990	38.9	55	66	4.0	1461
		1457	404.7	9		44.6		79		
		1748	485.6	6		38.4		77		



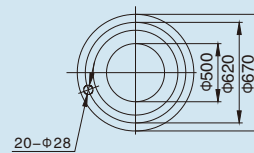
Installation foundation dimension without base :



Inlet flange DN 1



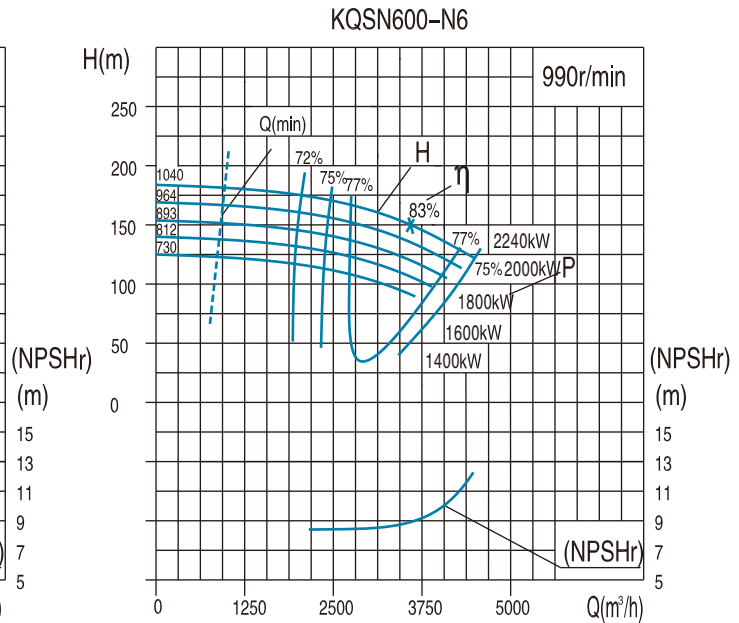
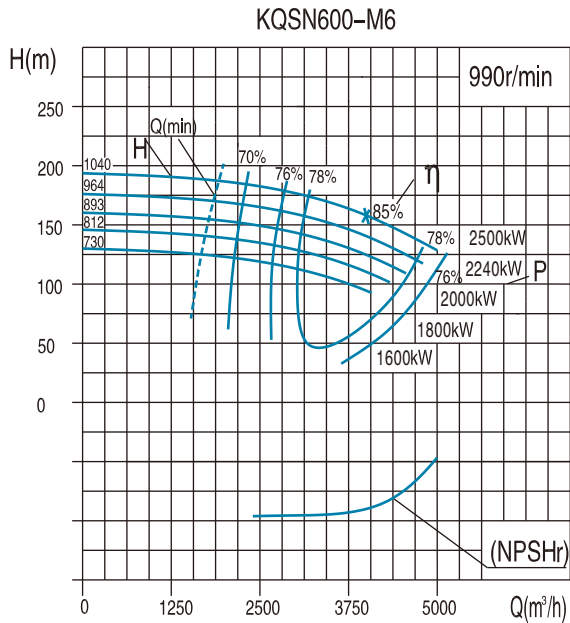
Outlet flange DN 2



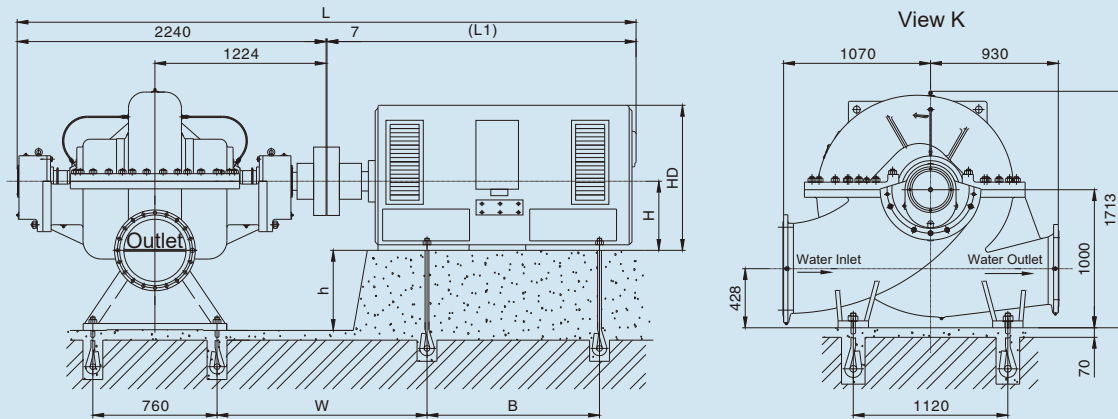
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN500-M28/N28	Y315L1-6	380	IV	110	2890	1437	700	2224	960	1545	897	508	508	28	1211	621
	Y315M-6	380	IV	90	2890	1437	700	2254	960	1545	897	508	457	28	1120	619
	Y315S-6	380	IV	75	2760	1307	700	2124	960	1545	897	508	406	28	954	618
	Y280M-6	380	IV	55	2533	1080	595	2054	960	1445	841	457	419	24	530	617

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

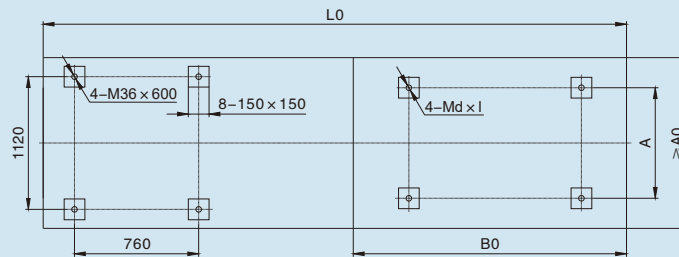
KQSN600-M(N)6 Technical Data



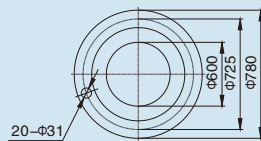
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M6	1040	2400.0	666.7	173.8	990	1484.9	2500	76.5	9.8	4658.0
		4000.0	1111.1	158.0		2024.9		85.0		
		5000.0	1388.9	128.5		2263.4		77.3		
	964	2304.0	640.0	158.2	990	1312.7	2240	75.6	8.9	4653.0
		3840.0	1066.7	143.8		1790.0		84.0		
		4800.0	1333.3	116.9		1977.3		77.3		
	893	2188.8	608.0	143.9	990	1148.5	2000	74.7	8.8	4648.0
		3648.0	1013.3	130.8		1566.1		83.0		
		4560.0	1266.7	106.4		1729.9		76.4		
	812	2079.4	577.6	131.0	990	1005.0	1800	73.8	8.6	4644.0
		3465.6	962.7	119.1		1370.4		82.0		
		4332.0	1203.3	96.8		1513.8		75.4		
	730	1955	543	117	990	846	1600	73	8.5	4639.5
		3257.7	904.9	106.0		1153.5		81.5		
		4072	1131	86		1274		75		
KQSN600-N6	1040	2154.0	598.3	165.0	990	1295.7	2240	74.7	8.9	4653.0
		3590.0	997.2	150.0		1766.9		83.0		
		4487.5	1246.5	122.0		1951.7		76.4		
	964	2067.8	574.4	151.8	990	1158.3	2000	73.8	8.8	4648.0
		3446.4	957.3	138.0		1579.5		82.0		
		4308.0	1196.7	112.2		1744.8		75.4		
	893	1964.4	545.7	138.1	990	1013.7	1800	72.9	8.6	4643.0
		3274.1	909.5	125.6		1382.4		81.0		
		4092.6	1136.8	102.1		1527.0		74.5		
	812	1866.2	518.4	125.7	990	887.3	1600	72.0	8.4	4640.0
		3110.4	864.0	114.3		1210.0		80.0		
		3888.0	1080.0	92.9		1336.6		73.6		
	730	1754	487	112	990	752	1400	71	8.3	4636.0
		2923.8	812.2	101.7		1025.1		79.0		
		3655	1015	83		1132		73		



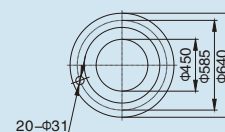
Installation foundation dimension without base :



Inlet flange DN 1



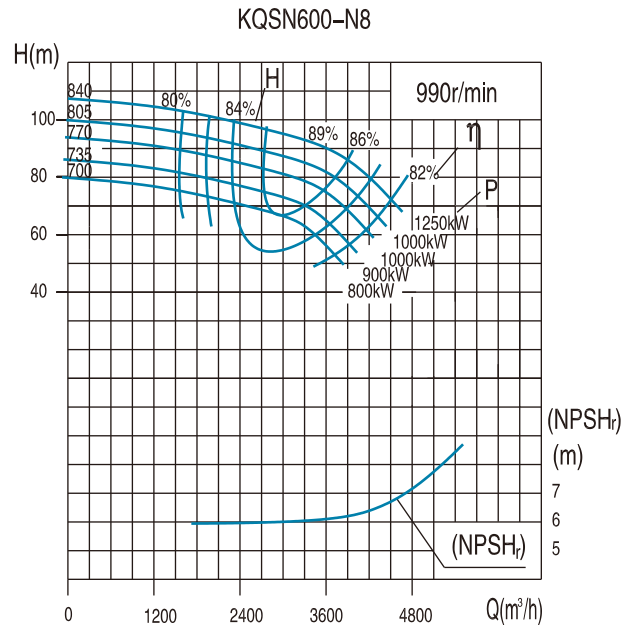
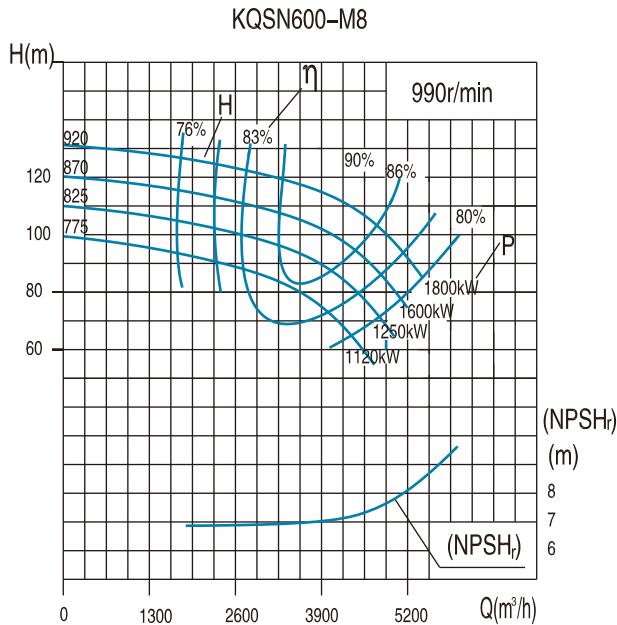
Outlet flange DN 2



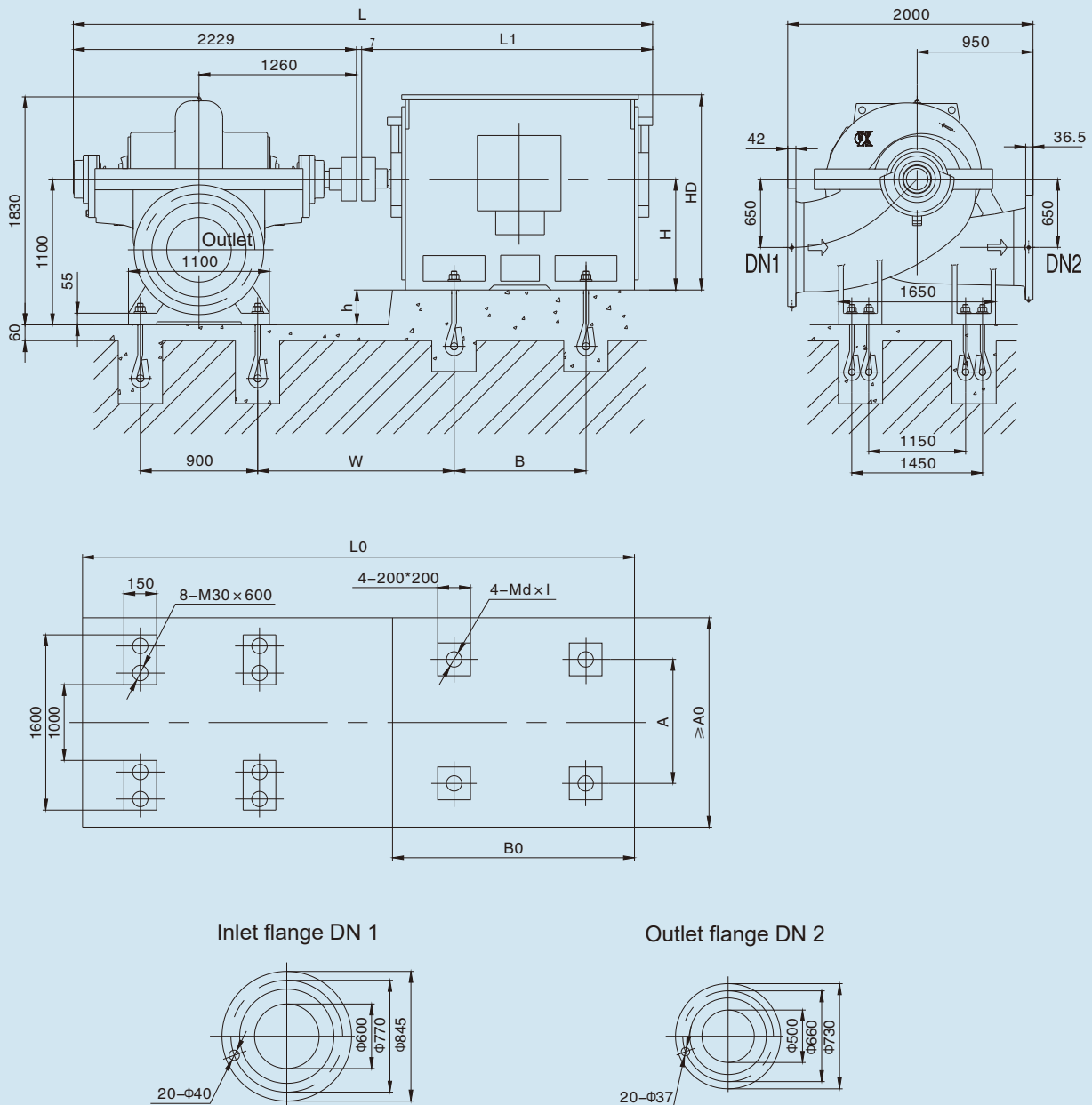
Pump Model	Motor				Dimension mm											d×l	Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD		
KQSN600-M6/N6	Y710-6, IMB3	6000	I	2800	5447	3200	5200	2400	2800	1731	1400	1800	290	710	2220	48×1000	11500
				2500													
				2240													
	Y630-6, IMB3	6000	I	2000	5047	2800	5000	2100	2600	1681	1120	1600	370	630	1920	42×800	10550
				1800													
				1600													
	Y800-6, IMB3	10000	I	2800	5667	3420	5500	2600	3000	1731	1600	2000	200	800	2600	48×1000	13500
				2500													
				2240													
	Y630-6, IMB3	10000	I	1800	5047	2800	5000	2100	2600	1681	1120	1600	370	630	1920	42×800	10500
				1600													

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN600-M(N)8 Technical Data



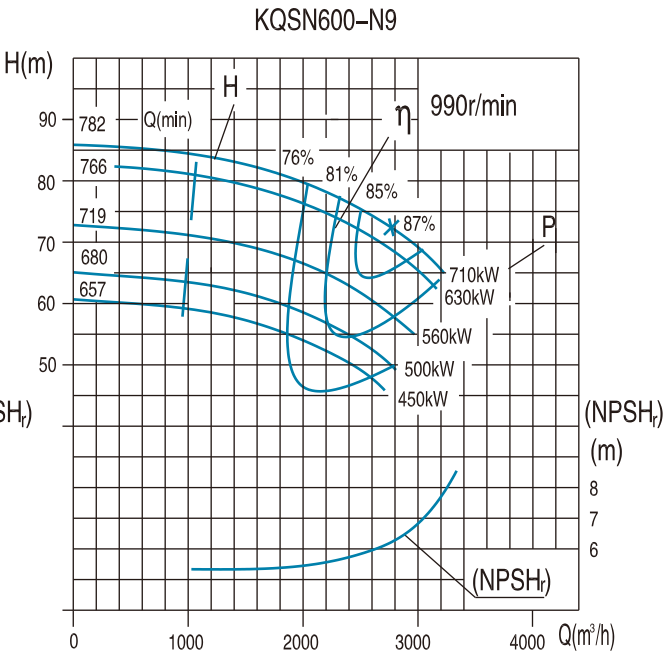
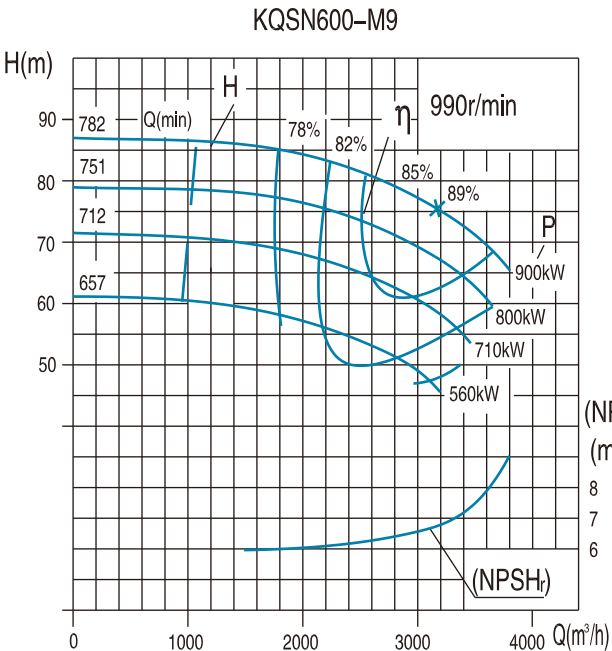
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN600-M8	920	2535	704	122	990	1080	1800	78	7.2	4400
		4230	1175	111.5		1443		89		
		5285	1468	89		1585		81		
	870	2400	667	111	990	955	1600	76	7.1	4395
		4000	1111	101		1265		87		
		5000	1389	81		1393		79		
	825	2280	633	100	990	840	1250	74	7	4390
		3800	1056	91		1108		85		
		4750	1319	73		1223		77		
	775	2100	583	89	990	708	1120	72	6.9	4385
		3500	972	81		930		83		
		4375	1215	65		1029		75		
KQSN600-N8	840	2160	600	99	990	756	1250	77	7.1	4395
		3600	1000	90		997		88.5		
		4500	1250	72		1103		80		
	805	2100	583	91	990	696	1000	75	7	4390
		3500	972	83		920		86		
		4375	1215	65		992		78		
	770	2020	561	86	990	647	1000	73	6.9	4385
		3370	936	78		852		84		
		4210	1169	62		941		76		
	735	1935	538	78	990	580	900	71	6.8	4380
		3230	897	71		762		82		
		4035	1121	57		843		74		
	700	1840	511	73	990	520	800	70	6.7	4375
		3070	853	66		690		80		
		3835	1065	53		766		72		



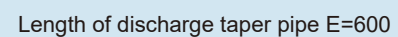
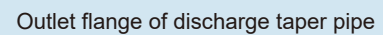
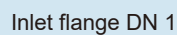
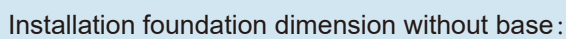
Pump Model	Motor				Dimension mm												Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD	dxl	
KQSN600-M8/N8	Y630-6	6k	I	1600~2000	5036	2800	4700	1800	2500	1647	1120	1600	470	630	1290	42x600	11550
	Y560-6	6k	I	1120~1250	4636	2400	4500	1800	2200	1617	1000	1400	540	560	1180	36x600	6415
	Y500-6	6k	I	800~1000	4436	2200	4300	1800	2100	1542	900	1250	600	500	1050	36x600	4700
	Y710-6	10k	I	2000	5436	3200	5500	2800	3200	1697	1400	1800	390	710	2220	48x1000	12000
	Y630-6	10k	I	1600~1800	5036	2800	4700	1800	2500	1647	1120	1600	470	630	1290	42x600	10500
	Y560-6	10k	I	900~1250	4686	2450	4500	1800	2200	1617	1000	1400	540	560	1180	36x600	6290
	Y500-6	10k	I	800	4436	2200	4300	1800	2100	1542	900	1250	600	500	1050	36x600	5050

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN600-M(N)9 Technical Data

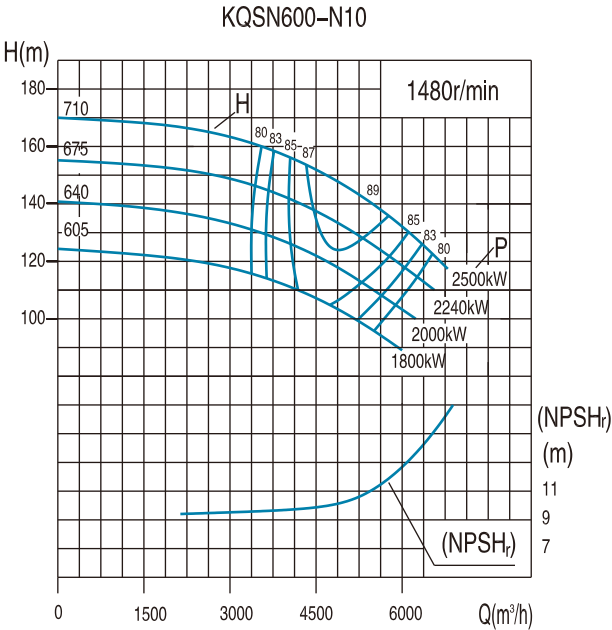
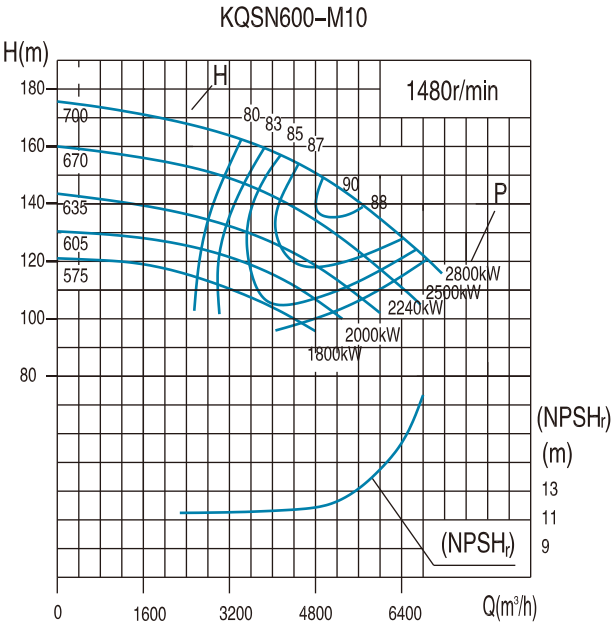


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M9	782	1902	528.3	85	990	578.4	900	76	6.7	4160
		3170	880.6	76		735.0		89		
		3804	1056.7	66		829.7		82		
	751	1826	507.2	78	990	525.6	800	74	6.5	4158
		3043	845.3	70		665.2		87		
		3652	1014.4	61		752.4		80		
	712	1731	480.8	70	990	460.1	710	72	6.3	4156
		2885	801.3	63		579.9		85		
		3462	961.6	54		657.3		78		
	657	1598	443.8	60	990	372.2	560	70	6.0	4154
		2663	739.7	53		467.1		83		
		3195	887.6	46		530.6		76		
KQSN600-N9	782	1614	448.3	82	990	527.8	710	68	6.0	4158
		2690	747.2	73		617.5		87		
		3228	896.6	64		696.9		81		
	766	1582	439.3	71	990	459.5	630	66	5.9	4157
		2636	732.3	63		534.2		85		
		3163	878.7	55		596.3		79		
	719	1485	412.4	65	990	408.6	560	64	5.7	4154
		2475	687.4	58		471.9		83		
		2970	824.9	50		527.7		77		
	680	1404	390.0	60	990	368.4	500	62	5.6	4152
		2340	650.1	54		422.3		81		
		2808	780.1	47		473.2		75		
	657	1356	376.6	54	990	328.1	450	60	5.4	4150
		2360	627.6	48		389.9		79		
		2711	753.2	42		419.1		73		

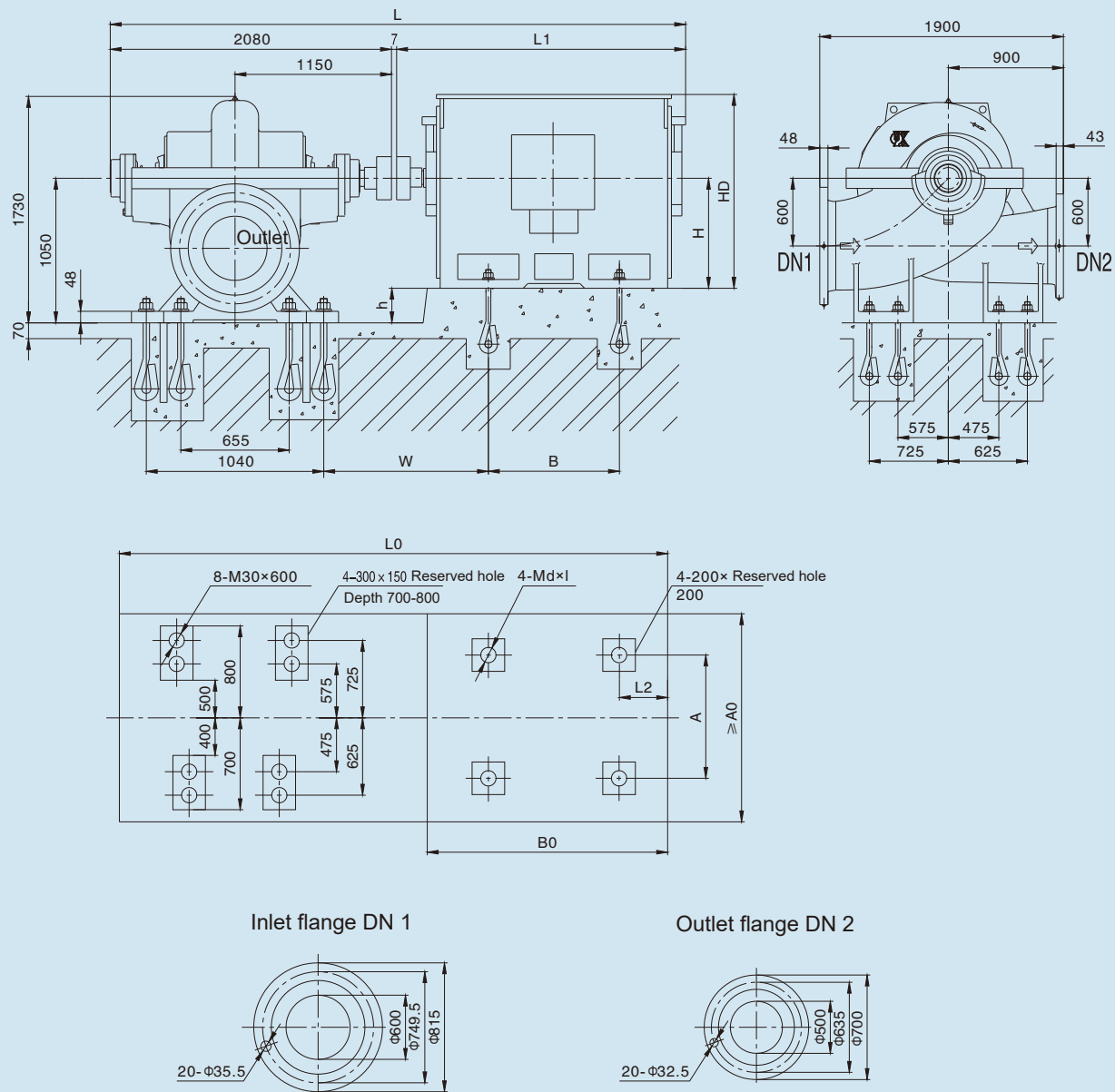


Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN600-M(N)10 Technical Data



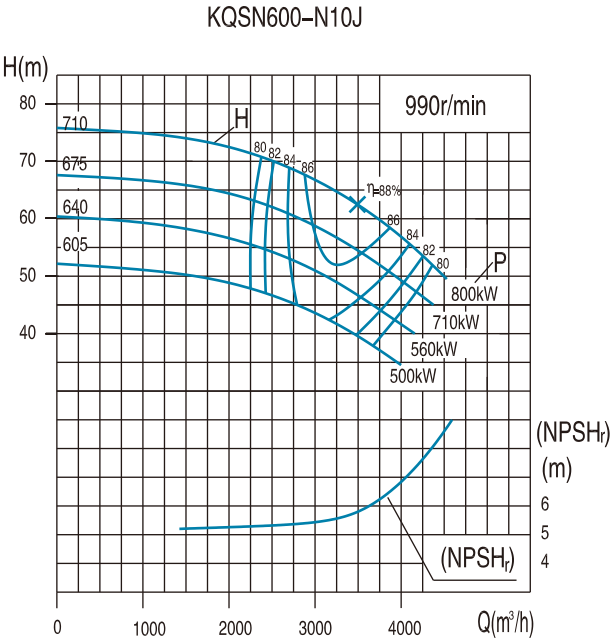
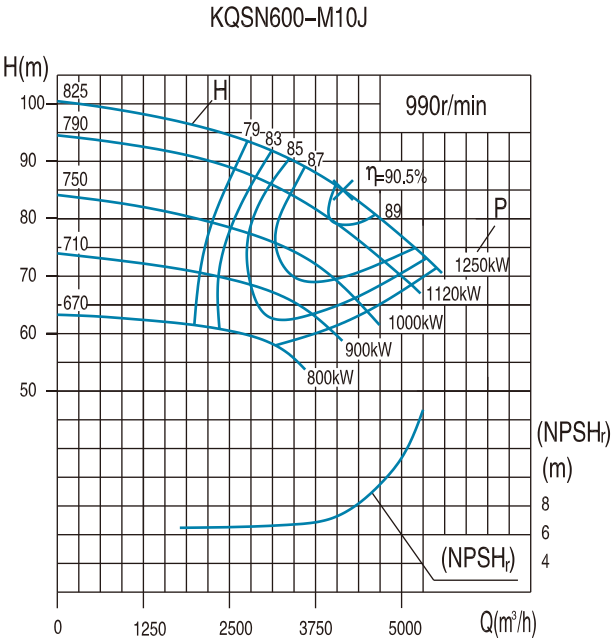
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M10	700	3038	844.0	165.5	1480	1711.8	2800	80.0	12.0	4030
		5064	1406.7	149.6		2318.1		89.0		
		6077	1688.0	131.3		2526.6		86.0		
	670	2898	805.0	150.7	1480	1486.7	2500	80.0	11.7	4027
		4830	1341.7	136.1		2034.3		88.0		
		5796	1610.0	119.5		2219.1		85.0		
	635	2754	765.0	135.9	1480	1290.2	2240	79.0	11.4	4022
		4590	1275.0	122.8		1764.4		87.0		
		5508	1530.0	107.8		1925.0		84.0		
	605	2616	726.7	122.7	1480	1120.7	2000	78.0	11.0	4017
		4360	1211.1	110.8		1529.8		86.0		
		5232	1453.3	97.3		1670.3		83.0		
	575	2484	690.0	110.0	1480	966.4	1800	77.0	10.6	4012
		4140	1150.0	100.0		1342.2		84.0		
		4968	1380.0	88.0		1451.9		82.0		
KQSN600-N10	710	3132	870.0	161.1	1480	1706.9	2500	80.5	10.0	4022
		5220	1450.0	139.7		2244.0		88.5		
		6264	1740.0	120.0		2465.0		83.0		
	675	2978	827.1	143.9	1480	1496.0	2240	78.0	9.8	4017
		4963	1378.5	126.3		1962.0		87.0		
		5955	1654.2	109.0		2208.0		80.0		
	640	2823	784.1	127.4	1480	1271.9	2000	77.0	9.6	4012
		4705	1306.8	111.1		1655.1		86.0		
		5646	1568.2	97.9		1881.5		80.0		
	605	2668	741.2	110.6	1480	1057.5	1800	76.0	9.5	4005
		4447	1235.3	97.4		1387.8		85.0		
		5337	1482.4	86.3		1608.0		78.0		



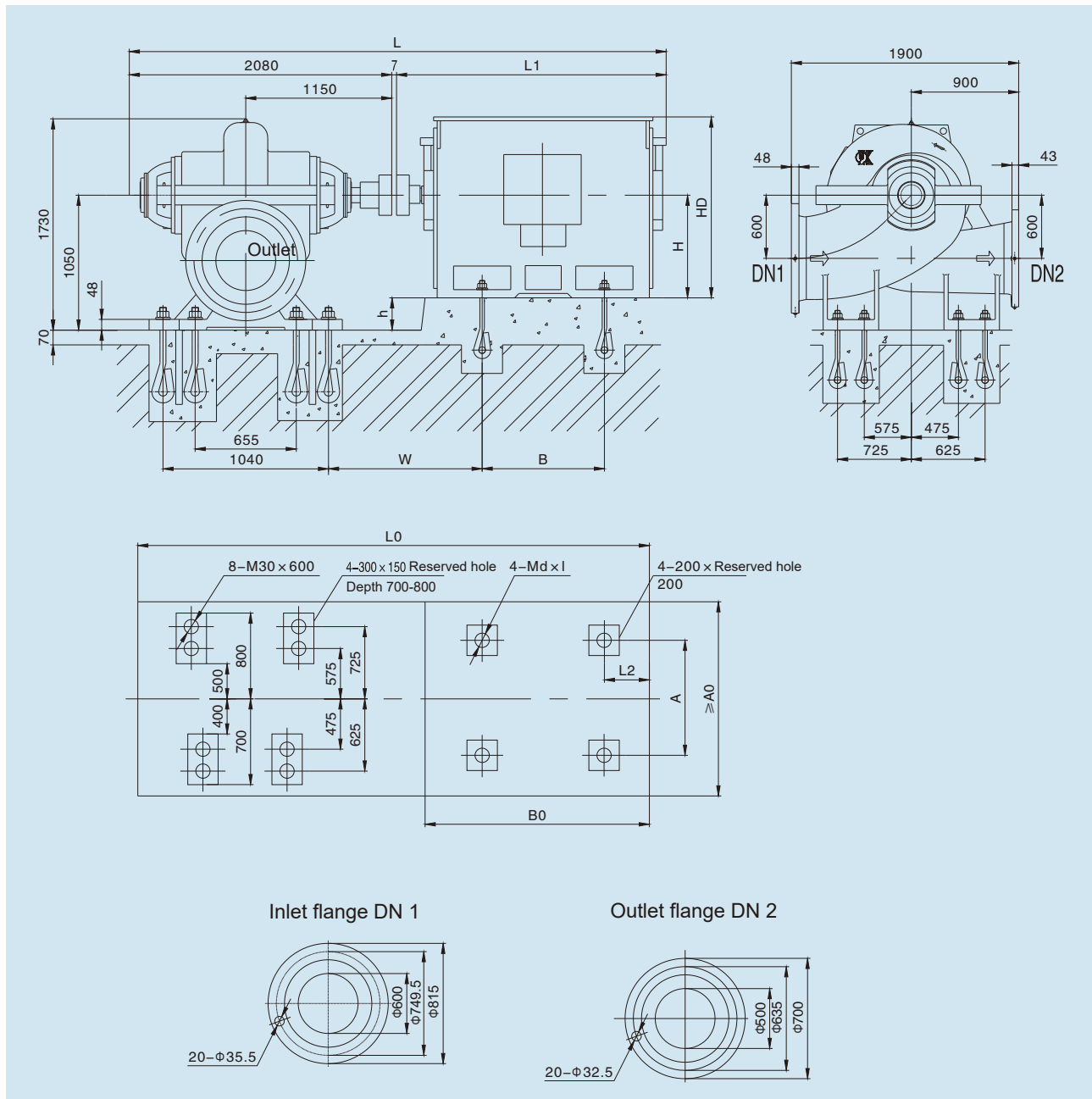
Pump Model	Motor				Dimension mm													Weight kg
	Model	Voltage	Protected Type	Power kW	L	L0	L1	L2	A0	B0	W	A	B	h	H	HD	dxl	
KQSN600-M10/N10	Y630-4	6K	I	2240-2800	4887	4700	2800	330	2000	2350	1467	1120	1600	420	630	1920	42x800	11400
	Y560-4			1800-2000	4487	4400	2400	300	2000	2250	1387	1000	1400	490	560	1760	36x600	8100
	Y710-4	10K	I	2500-2800	5287	5050	3200	400	2500	2600	1517	1400	1800	340	710	2220	48x1000	11710
	Y630-4			1800-2240	4887	4700	2800	330	2000	2350	1467	1120	1600	420	630	1920	42x800	14000

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively. The dimensions in the dimension table are matched with Jiamusi motor. For other motors, please confirm the basic size with the technical department.

KQSN600-M(N)10(J) Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M10J	825	2460	683.3	94.1	990	793.0	1250	79.5	7.3	4028
		4100	1138.9	85.0		1048.7		90.5		
		4920	1366.7	77.8		1212.1		86.0		
	790	2376	660.0	88.5	990	702.6	1120	81.5	7.1	4025
		3960	1100.0	80.0		969.4		89.0		
	750	4752	1320.0	75.0	990	1096.0	1000	85.5	6.9	4020
		2256	626.7	79.0		599.2		81.0		
	710	3760	1044.4	72.1	990	843.7	900	87.5	6.7	4015
		4512	1253.3	63.0		944.0		82.0		
	670	2136	593.3	70.0	990	525.4	800	77.5	6.5	4010
		3560	988.9	64.6		732.5		85.5		
KQSN600-N10J	710	4272	1186.7	55.0	990	810.0	500	79.0	5.3	4003
		2015	559.7	61.5		456.0		74.0		
		3358	932.8	57.5		633.5		83.0		
	670	4030	1119.3	48.5	990	700.3	560	76.0	5.4	4010
		2095	582.0	72.1		520.8		79.0		
		3492	970.0	62.5		675.4		88.0		
	640	4190	1164.0	54.4	990	743.5	710	83.5	5.6	4015
		1992	553.3	64.4		450.8		77.5		
	605	3320	922.2	56.5	990	587.1	800	87.0	5.8	4020
		3984	1106.6	49.1		641.8		83.0		

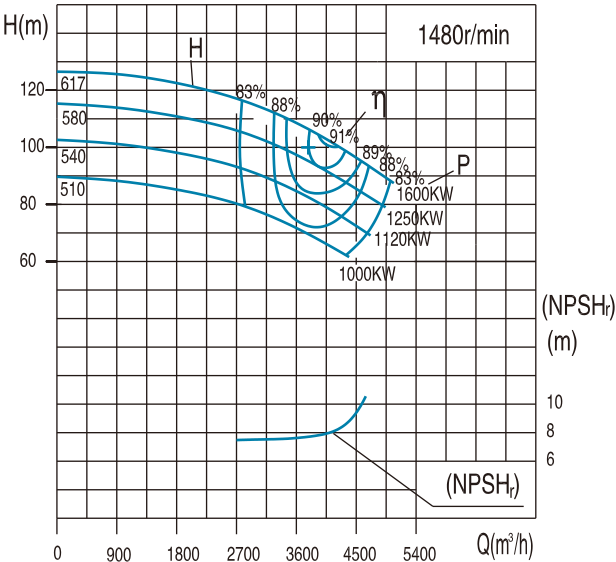


Pump Model	Motor				Dimension mm												Weight kg
	Model	Voltage	Protected Type	Power kW	L	L1	L0	A0	B0	W	A	B	h	H	HD	dxl	
KQSN600-M10J/N10J	YKK450-6	6000	III/II	500	4347	2260	4400	1600	1970	1242	800	1120	600	450	1660	30×600	4810
	YKK500-6	6000	III/II	560~800	4637	2550	4650	1700	2225	1362	900	1250	550	500	1860	36×600	5880
	YKK560-6	6000	III/II	900~1120	4847	2760	4880	1800	2400	1437	1000	1400	490	560	2200	36×600	8100
	YKK630-6	6000	III/II	1250	5387	3300	5100	2000	2630	1467	1120	1600	420	630	2250	42×800	10750
	YKK500-6	10000	III/II	500/560	4687	2600	4650	1700	2225	1362	900	1250	550	500	1850	36×600	6110
	YKK560-6	10000	III/II	630~900	4787	2700	4880	1800	2400	1437	1000	1400	490	560	2125	36×600	8300
	YKK630-6	10000	III/II	1000~1250	5387	3300	5100	2000	2630	1467	1120	1600	420	630	2250	42×800	11500

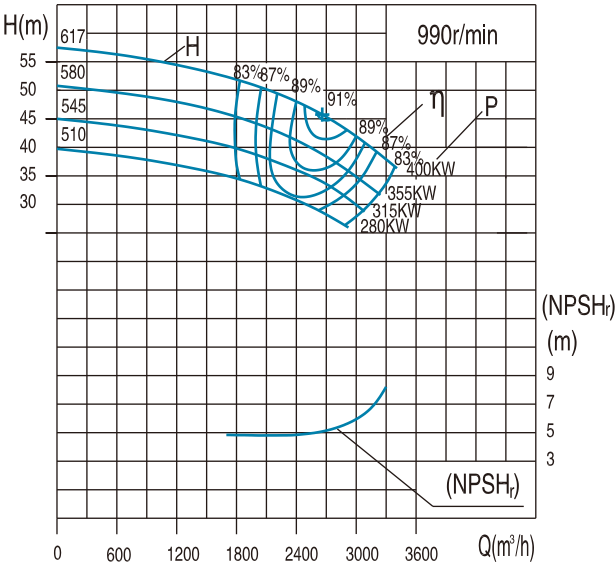
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively. The dimensions in the dimension table are matched with Jiamusi motor. For other motors, please confirm the basic size with the technical department.

KQSN600-M12S(J) Technical Data

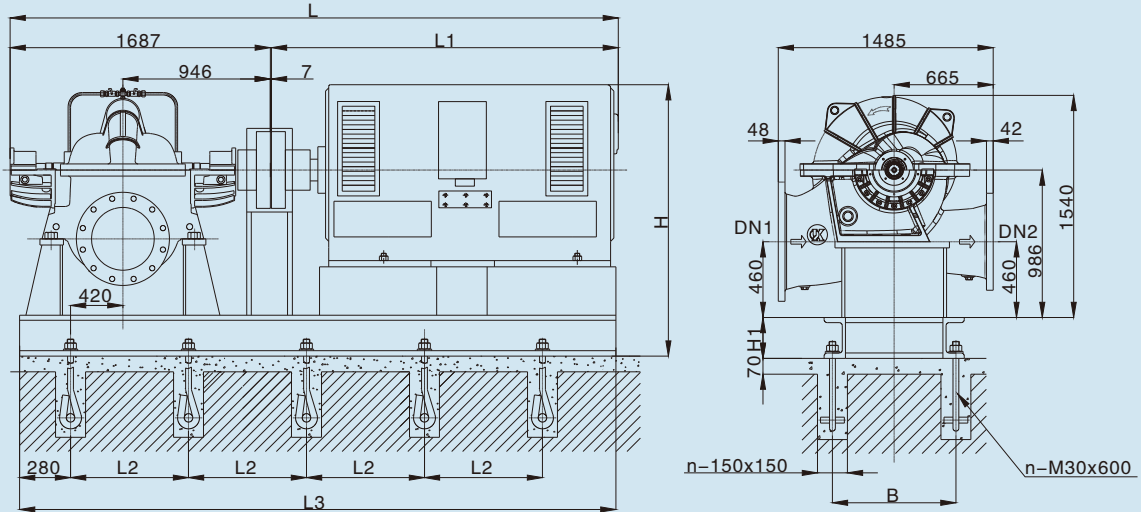
KQSN600-M12S



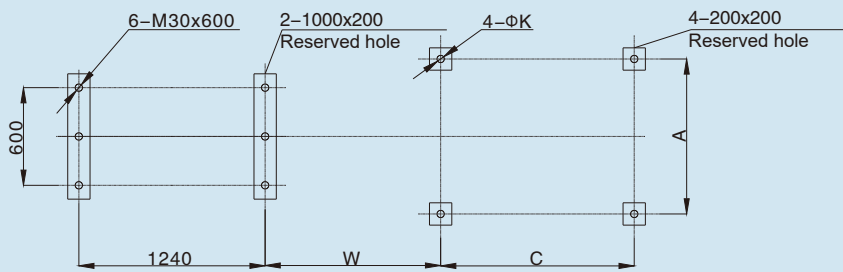
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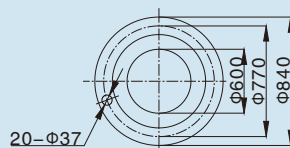
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH)r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M12S	617	2424	673.3	120	1480	966.0	1600	82.0	8.0	2440
		4040	1122.2	105		1269.5		91.0		
		4848	1346.7	93		1427.7		86.0		
	580	2279	633.0	108	1480	827.5	1250	81.0	7.9	2438
		3798	1055.0	93		1074.8		89.5		
		4558	1266.0	84		1198.4		87.0		
	550	2161	600.2	97	1480	704.6	1120	81.0	7.8	2436
		3601	1000.3	84		930.8		88.5		
		4321	1200.3	77		1029.7		88.0		
KQSN600-M12SJ	617	2042	567.3	84	1480	584.0	1000	80.0	7.7	2434
		3404	945.6	75		808.4		86.0		
		4085	1134.7	67		887.3		84.0		
	580	1620	450.0	53	990	285.2	400	82.0	5.1	2440
		2700	750.0	46		371.7		91.0		
		3240	900.0	39		393.3		87.5		
	550	1523	423.0	47	990	237.7	355	82.0	4.9	2438
		2538	705.0	41		316.6		89.5		
		3046	846.0	35		331.8		87.5		
	520	1444	401.2	42	990	203.9	315	81.0	4.7	2436
		2407	668.6	37		275.6		88.0		
		2888	802.3	32		289.3		87.0		
	500	1365	379.2	37	990	171.9	280	80.0	4.5	2434
		2275	631.9	33		231.4		87.0		
		2730	758.3	28		242.1		86.0		



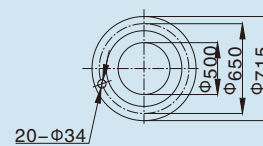
Installation foundation dimension without base:



Inlet flange DN 1



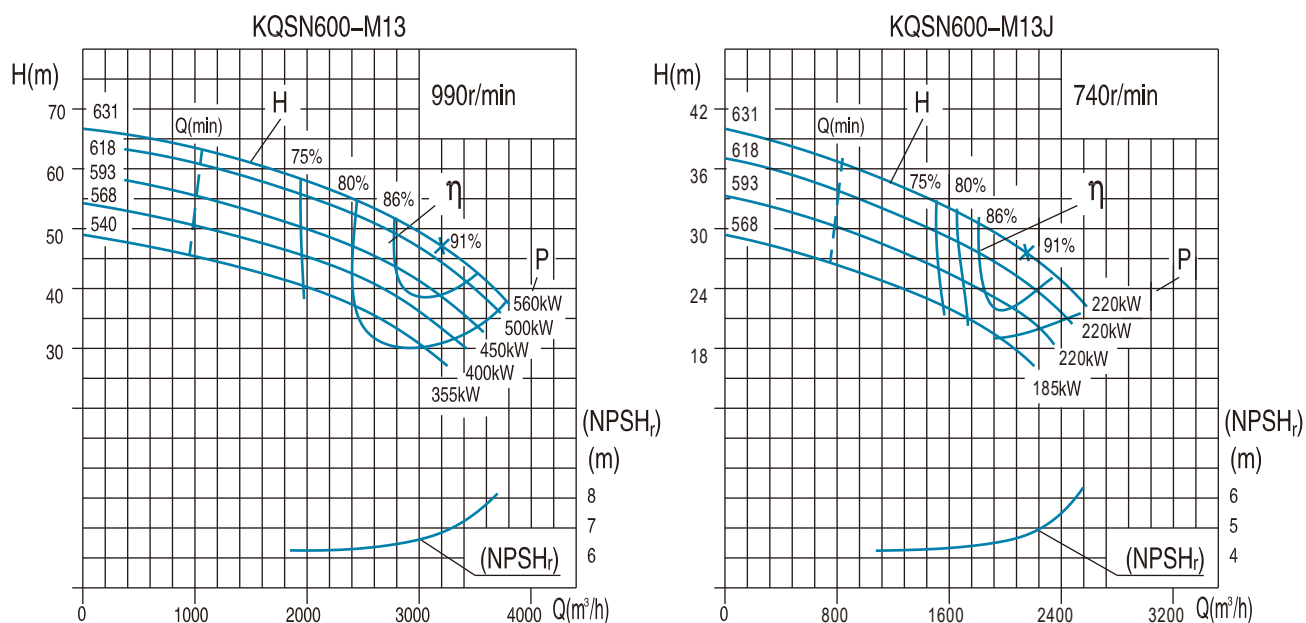
Outlet flange DN 2



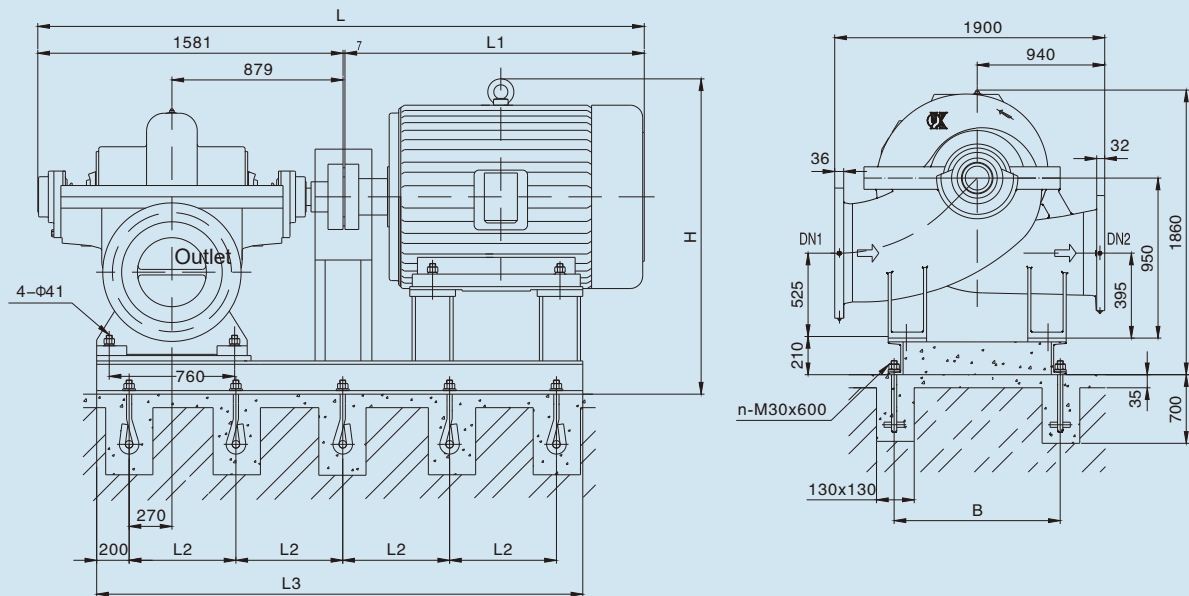
Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	
KQSN600-M12S	YKK500-4	6000	III / II	1000/1120	4394	2700	980	3933	1100	2796	210	1058	900	1250	42	5060	980	10
	YKK560-4	6000	III / II	1250-1600	4894	3200	940	4283	1200	2786	210	1083	1000	1400	42	7070	1080	10
	YKK560-4	10000	III / II	1000-1250	4994	3300	940	4283	1200	2786	210	1083	1000	1400	42	6980	1080	10
	YKK630-4	10000	III / II	1600	5294	3600	940	4473	1300	2766	210	1163	1120	1600	48	9430	1100	10
KQSN600-M12SJ	YKK450-6	10000	III / II	280-400	3969	2275	750	3633	960	2511	210	898	800	1120	35	3360	950	10
	YKK400-6	6000	III / II	280/315	3864	2170	640	3368	960	2286	210	878	710	1000	35	2540	900	10
	YKK450-6	6000	III / II	355/400	4054	2360	750	3538	960	2511	210	938	800	1120	35	3400	950	10
	YE3-355L-6	380	III / II	280	3324	1630	750	2789	860	1671	190	757	610	560	28	1847	750	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

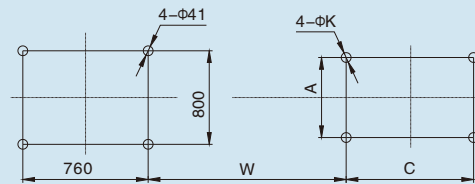
KQSN600-M13(J) Technical Data



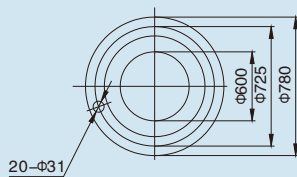
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m ³ /h)	(l/s)			Shaft Power	Motor Power			
KQSN600-M13	631	1932	528.3	59	990	395.3	560	78	6.7	3856
		3220	880.6	48		472.9		89		
		3864	1056.7	38		493.7		81		
	618	1864	517.8	56	990	375.9	500	76	6.6	3855
		3107	862.9	46		443.5		87		
		3728	1035.5	36		461.4		79		
	593	1788	496.6	52	990	340.7	450	74	6.5	3853
		2980	827.7	42		400.6		85		
		3576	993.3	33		417.7		77		
	568	1712	475.5	47	990	307.3	400	72	6.3	3851
		2853	792.5	38		360.1		83		
		3424	951.0	30		376.4		75		
	540	1626	451.7	43	990	271.0	355	70	6.1	3849
		2710	752.9	35		316.3		81		
		3252	903.5	27		331.6		73		
KQSN600-M13J	631	1444	401	33	740	166.1	220	78	4.8	3855
		2407	669	27		197.4		89		
		2888	802	21		206.1		81		
	618	1414	393	32	740	160.2	220	76	4.6	3854
		2357	655	26		189.7		87		
		2829	786	20		198.5		79		
	593	1357	377	29	740	145.4	220	74	4.4	3851
		2262	628	24		171.6		85		
		2714	754	19		179.9		77		
	568	1300	361	27	740	131.3	185	72	4.2	3848
		2167	602	22		154.4		83		
		2600	722	17		162.3		75		
	540	1236	343	24	740	116.0	160	70	4.0	3845
		2060	572	20		136.0		81		
		2472	687	16		143.3		73		



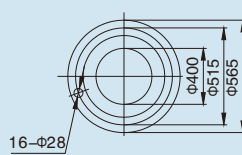
Installation foundation dimension without base :



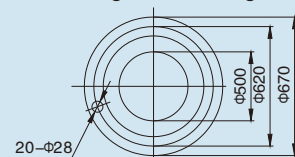
Inlet flange DN 1



Outlet flange DN 2



Outlet flange of discharge taper pipe

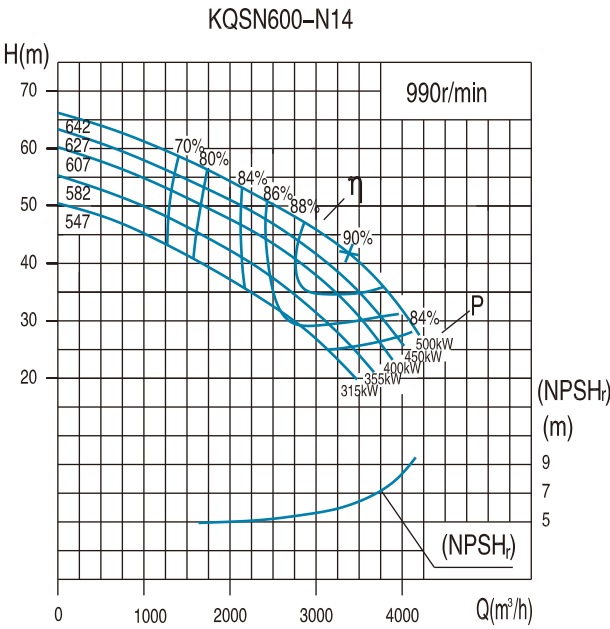
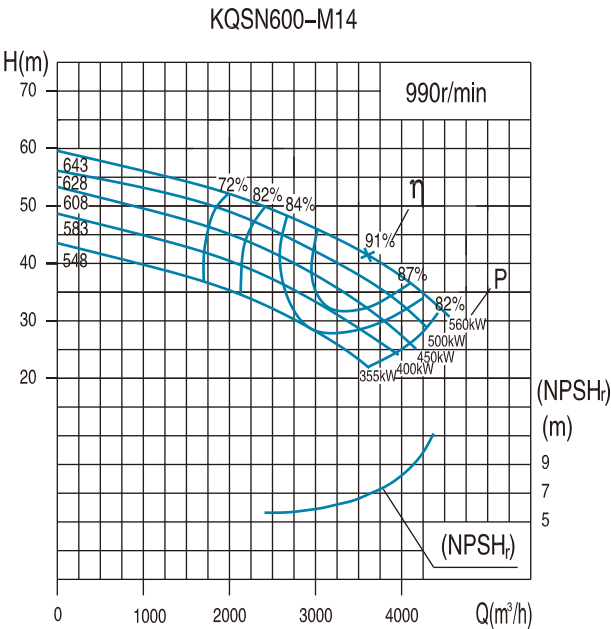


Length of discharge taper pipe E=600

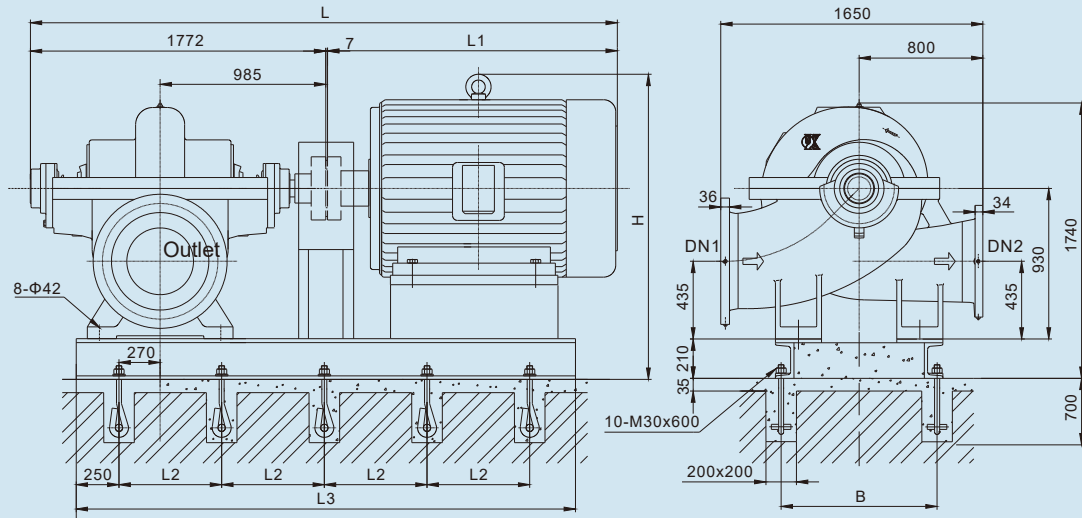
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN600-M13	Y450-6	6000	I / II	560~450	3698	2120	720	3330	960	1645	1111	800	1120	35	3500	795	10
	Y400-6	6000	I / II	400~315	3528	1940	880	3156	960	1595	1051	710	1000	35	2590	784	8
	Y500-6	10000	I / II	560~500	3788	2200	780	3570	1050	1710	1231	900	1250	42	4600	820	10
	Y450-6	10000	I / II	450	3638	2050	720	3320	960	1660	1071	800	1120	35	3377	805	10
	Y450-6	10000	I / II	400~315	3638	2050	720	3320	960	1660	1071	800	1120	35	3175	805	10
	Y400L-6	380	III/II	400	3468	1890	800	2888	960	1850	996	686	710	35	3400	762	8
	Y400MX-6	380	III/II	355	3468	1890	800	2888	960	1850	996	686	630	35	3100	762	8
	Y400M-6	380	III/II	315	3468	1890	800	2888	960	1850	996	686	630	35	3200	762	8
KQSN600-M13J	YKK400-8	600	III/II	220	3858	2270	880	3156	960	2360	1051	710	335	35	2830	784	8
	YKK450-8	10000	III/II	220	4118	2530	720	3320	960	2510	1111	800	355	35	3590	795	10
	YE3-355L-8	380	III/II	185	3218	1630	680	2505	960	1765	610	610	254	28	1900	750	8
	YE3-355M-8	380	III/II	160	3088	1500	680	2505	960	1765	610	610	254	28	1782	750	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

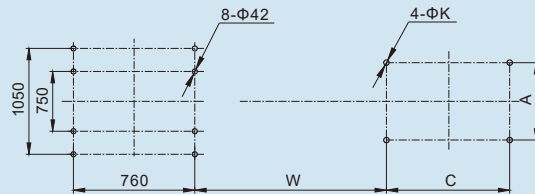
KQSN600-M(N)14 Technical Data



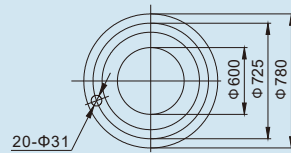
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M14	643	2160	600.0	52	990	392.2	560	78.0	6.8	2500
		3600	1000.0	41		441.7		91.0		
		4320	1200.0	32		448.2		84.0		
	628	1987	552.0	49	990	353.6	500	75.0	6.6	2495
		3312	920.0	38		385.1		89.0		
		3974	1104.0	31		390.2		86.0		
	608	1908	529.9	45	990	299.7	450	78.0	6.4	2490
		3180	883.2	36		358.3		87.0		
		3815	1059.8	29		367.5		82.0		
	583	1812	503.4	41	990	277.2	400	73.0	6.2	2483
		3021	839.0	33		319.4		85.0		
		3625	1006.8	27		325.0		82.0		
	548	1710	475.0	37	990	226.7	315	76.0	6.0	2477
		2850	791.7	29		268.0		84.0		
		3420	950.0	24		272.6		82.0		
KQSN600-N14	642	1950	541.7	54	990	349.7	500	82.0	5.9	2500
		3250	902.8	42		413.0		90.0		
		3900	1083.3	31		378.4		87.0		
	627	1872	520.0	51	990	325.0	450	80.0	5.7	2495
		3120	866.7	39		372.3		89.0		
		3744	1040.0	30		351.6		87.0		
	607	1797	499.2	47	990	289.3	400	79.5	5.5	2490
		2995	832.0	37		343.0		88.0		
		3594	998.4	28		318.7		86.0		
	582	1725	479.2	44	990	263.3	355	78.5	5.4	2483
		2875	798.7	32		288.0		87.0		
		3450	958.5	25		276.4		85.0		
	547	1656	460.1	40	990	232.8	315	77.5	5.3	2477
		2760	766.8	29		253.5		86.0		
		3312	920.1	22		239.1		83.0		



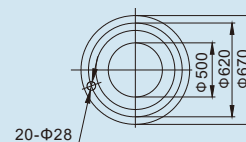
Installation foundation dimension without base :



Inlet flange DN 1



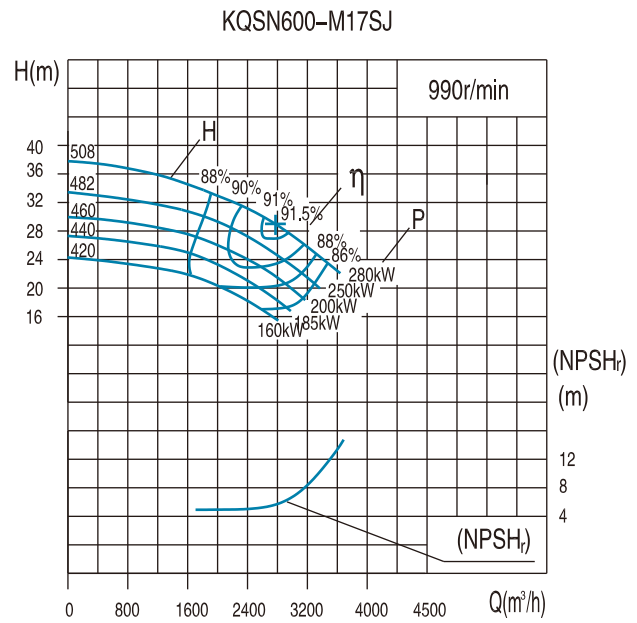
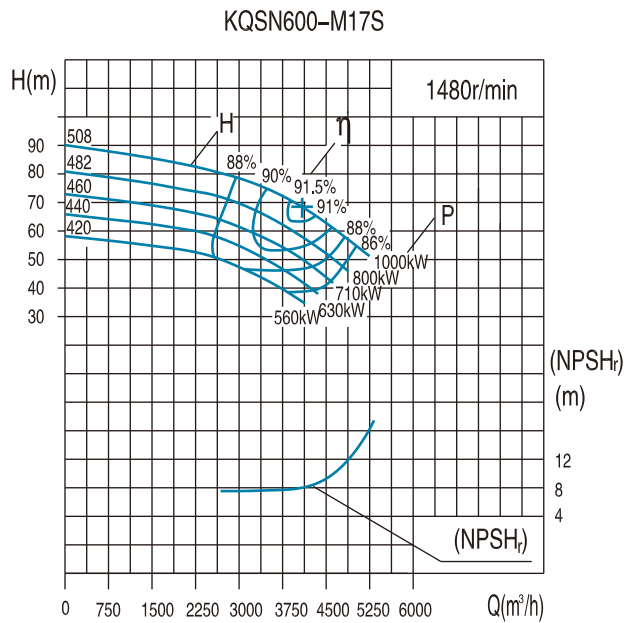
Outlet flange DN 2



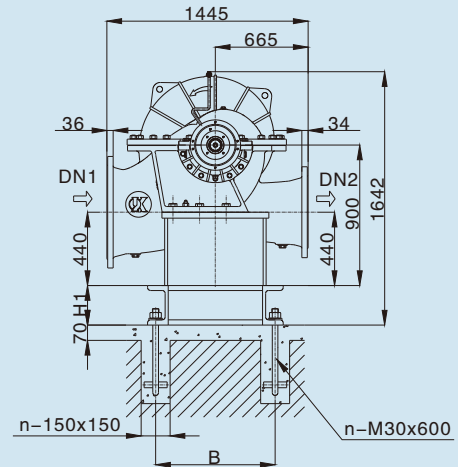
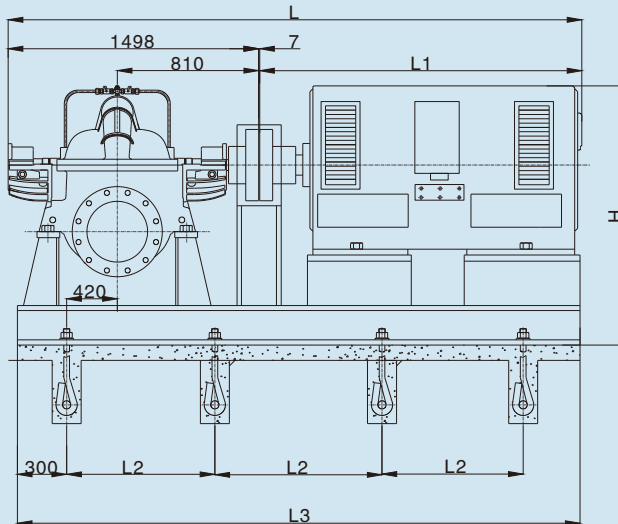
Pump Model	Motor				Dimension mm										Weight kg	
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base
KQSN600-M14/N14	YKK500-6	6k	III/II	560	4329	2550	800	3665	1200	2500	1337	900	1250	42	5355	860
	YKK450-6	6k	III/II	355-500	4039	2260	760	3525	1200	2350	1217	800	1120	35	4810	850
	YKK400-6	6k	III/II	315	4029	2250	715	3360	1200	2200	1157	710	1000	35	3020	840
	YKK500-6	10k	III/II	355-560	4379	2600	800	3665	1200	2490	1337	900	1250	42	6110	860
	YKK450-6	10k	III/II	315	4129	2350	750	3485	1200	2350	1177	800	1120	35	4560	845

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

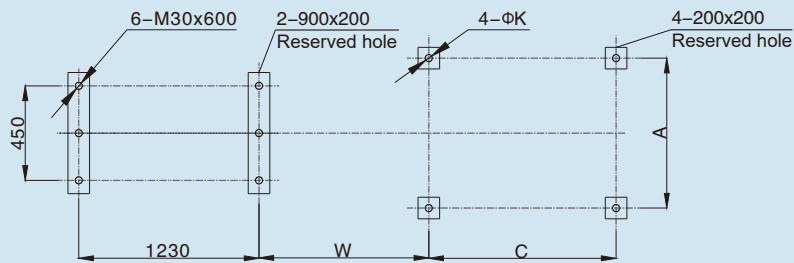
KQSN600-M17S(J) Technical Data



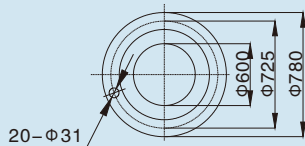
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Motor Power			
KQSN600-M17S	508	2448	680.0	82	1480	635.7	1000	86.0	8.0	2300
		4080	1133.3	68		825.7		91.5		
		4896	1360.0	54		827.6		87.0		
	482	2322	645.0	76	1480	565.4	800	85.0	7.9	2295
		3870	1075.0	60		689.1		91.0		
		4644	1290.0	48		701.8		86.5		
	460	2216	615.7	68	1480	485.7	710	84.5	7.8	2290
		3694	1026.1	54		603.6		90.0		
		4433	1231.3	41		574.2		86.2		
	440	2120	588.8	62	1480	431.2	630	83.0	7.7	2285
		3533	981.4	49		529.7		89.0		
		4240	1177.7	38		513.1		85.5		
KQSN600-M17SJ	508	2024	562.2	54	1480	367.4	560	81.0	7.6	2280
		3373	936.9	44		459.3		88.0		
		4048	1124.3	34		440.9		85.0		
	482	1680	466.7	35	990	184.1	280	87.0	5.3	2300
		2800	777.8	30		250.0		91.5		
		3360	933.3	24		252.4		87.0		
	460	1594	442.7	32	990	161.3	250	86.1	5.2	2295
		2656	737.8	25		198.7		91.0		
		3187	885.3	18		181.0		86.3		
	440	1521	422.5	29	990	139.7	200	86.0	5.1	2290
		2535	704.2	23		175.5		90.5		
		3042	845	17		163.4		86.2		
KQSN600-M17SJ	440	1455	404.2	26	990	120.5	185	85.5	5.0	2285
		2425	673.6	21		155.8		89.0		
		2910	808.3	17		157.0		85.8		
	420	1388	385.7	21	990	94.5	160	84.0	4.9	2280
		2314	642.8	19		136.8		87.5		
		2777	771.3	15		133.4		85.0		



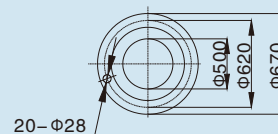
Installation foundation dimension without base:



Inlet flange DN 1



Outlet flange DN 2

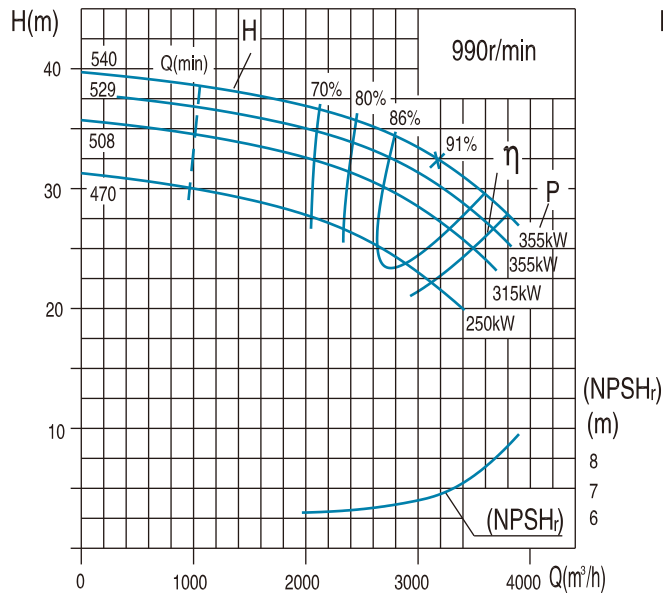


Pump Model	Motor				Dimension mm											Weight kg		Number of Foundation Bolts
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	H1	W	A	C	K	Motor	Base	n (pieces)
KQSN600-M17S	YKK450-4	6K	III / II	560-710	3825	2320	900	3382	950	2425	210	767	800	1120	35	3810	935	8
	YKK500-4	6K	III / II	800-1000	4205	2700	780	3817	1050	2700	210	927	900	1250	42	4940	980	10
	YKK500-4	10K	III / II	560-1000	4505	3000	780	3777	1050	2700	210	887	900	1250	42	5200	980	10
KQSN600-M17SJ	YE3-355M-6	380	III / II	160-200	3035	1530	700	2673	750	1595	200	626	610	560	28	1596	600	8
	YE3-355L-6	380	III / II	220-280	3035	1530	700	2673	750	1595	200	626	610	630	28	1847	600	8

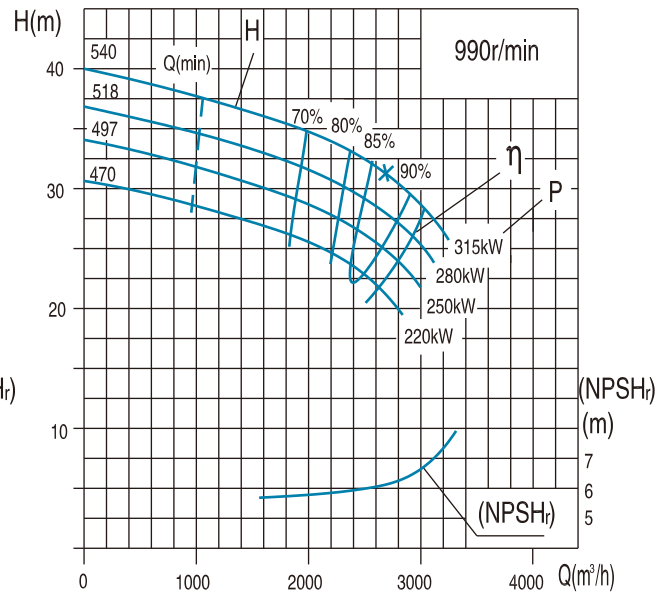
Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN600-M(N)19 Technical Data

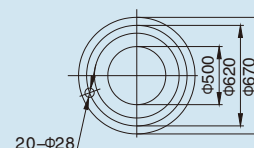
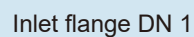
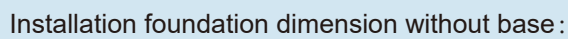
KQSN600-M19



KQSN600-N19

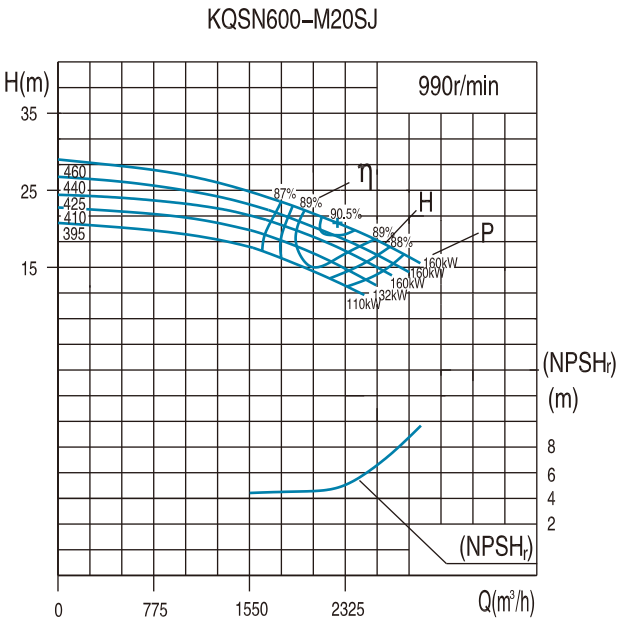
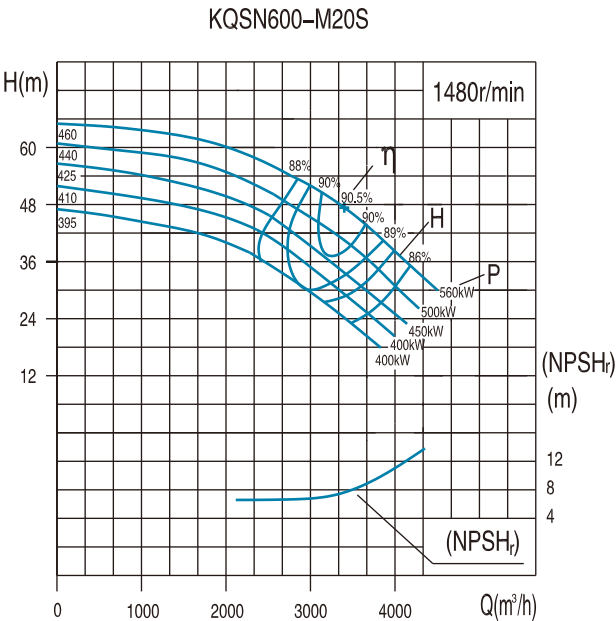


Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M19	540	1902	528.3	37	990	280.6	355	69	6.7	2855
		3170	880.6	32		306.7		91		
		3804	1056.7	25		335.5		78		
	529	1864	517.8	36	990	268.0	355	68	6.6	2854
		3107	862.9	31		291.9		90		
		3728	1035.5	24		319.8		77		
	508	1788	496.6	33	990	240.0	315	67	6.5	2852
		2980	827.7	29		260.5		89		
		3576	993.3	22		286.0		76		
	470	1655	459.7	28	990	193.2	250	66	6.1	2850
		2758	766.1	24		208.9		88		
		3309	919.3	19		229.7		75		
KQSN600-N19	540	1614	448.3	36	990	252.4	315	63	6.0	2854
		2690	747.2	31		254.7		90		
		3228	896.6	25		279.0		78		
	518	1549	430.4	33	990	226.9	280	62	5.9	2852
		2582	717.3	29		227.9		89		
		3099	860.7	23		250.0		77		
	497	1485	412.4	31	990	203.0	250	61	5.8	2850
		2475	687.4	26		202.8		88		
		2970	824.9	21		222.9		76		
	470	1404	390.0	27	990	174.5	220	60	5.5	2848
		2340	650.0	24		173.5		87		
		2808	780.1	19		191.0		75		

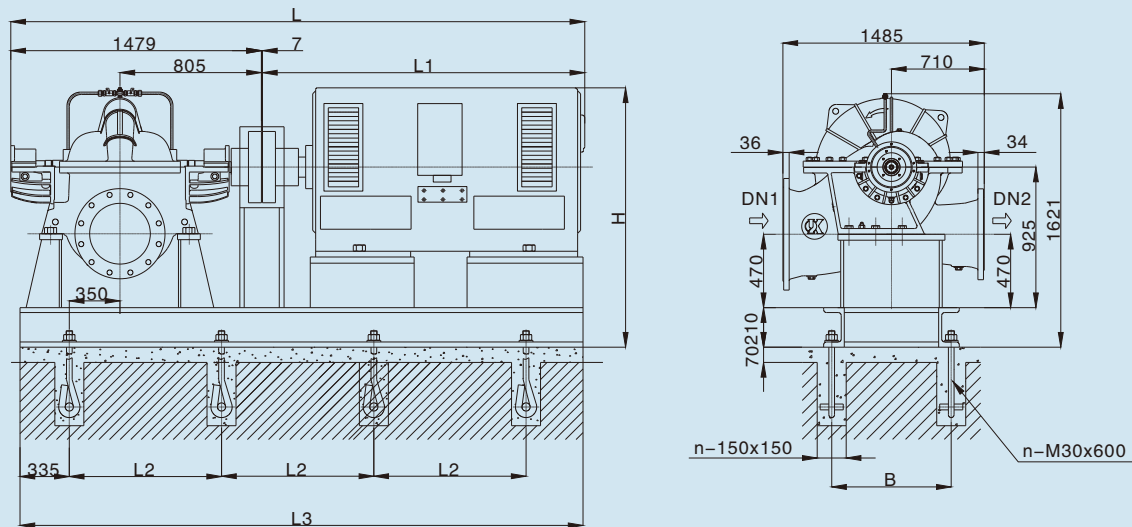


Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

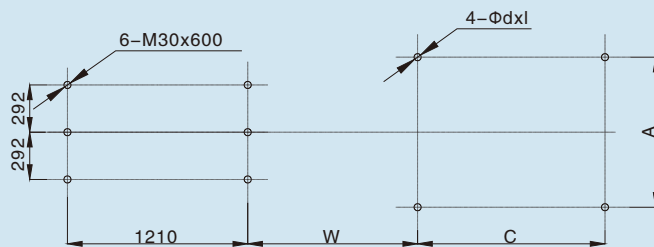
KQSN600-M20S(J) Technical Data



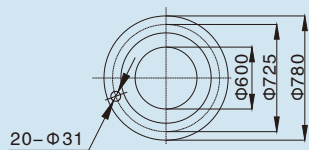
Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M20S	460	2023	562.0	57	1480	373.9	560	84.0	7.6	2071
		3372	936.7	48		487.1		90.5		
		4046	1124.0	36		456.0		87.0		
	440	1936	537.7	54	1480	338.9	500	84.0	7.4	2066
		3226	896.1	44		427.1		90.5		
		3871	1075.3	32		387.8		87.0		
	425	1870	519.3	50	1480	297.7	450	85.5	7.2	2061
		3116	865.6	41		386.6		90.0		
		3739	1038.7	28		329.6		86.5		
	410	1804	501.0	46	1480	272.2	400	83.0	7.0	2056
		3006	835.0	38		349.5		89.0		
		3607	1002.0	25		285.6		86.0		
	395	1738	482.8	41	1480	233.8	400	83.0	6.8	2051
		2897	804.7	36		326.5		87.0		
		3476	965.7	22		243.6		85.5		
KQSN600-M20SJ	460	1361	378.2	25	990	111.7	160	83.0	4.7	2071
		2269	630.3	21		143.4		90.5		
		2723	756.3	17		144.9		87.0		
	440	1302	361.7	24	990	101.3	160	84.0	4.5	2066
		2170	602.8	19		125.5		89.5		
		2604	723.3	16		128.9		88.0		
	425	1258	349.5	23	990	92.7	160	85.0	4.3	2061
		2097	582.5	18		115.5		89.0		
		2516	699.0	16		124.6		88.0		
	410	1214	337.2	21	990	81.7	132	85.0	4.2	2056
		2023	561.9	17		106.4		88.0		
		2428	674.3	14		106.4		87.0		
	395	1169	324.8	19	990	72.0	110	84.0	4.1	2051
		1949	541.4	15		90.5		88.0		
		2339	649.7	13		91.5		87.0		



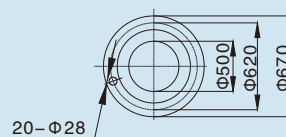
Installation foundation dimension without base :



Inlet flange DN 1



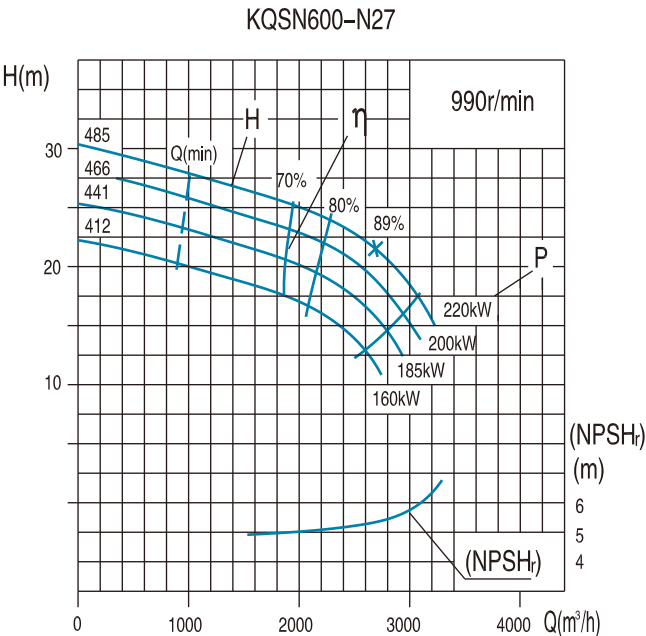
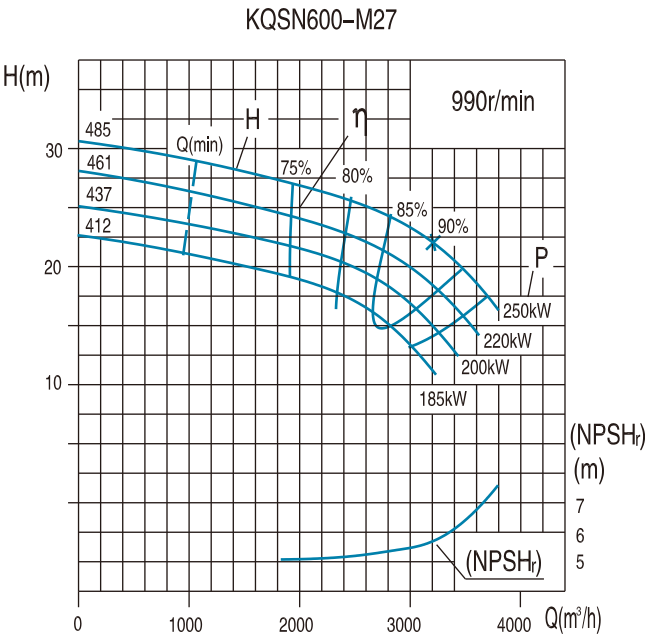
Outlet flange DN 2



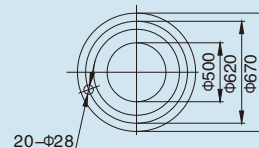
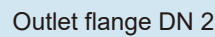
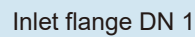
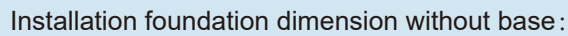
Pump Model	Motor				Dimension mm										Weight kg		Number of Foundation Bolts n (pieces)
	Model	Voltage	Protected Type	Power kW	L	L1	L2	L3	B	H	W	A	C	K	Motor	Base	
KQSN600-M20S	YKK400-4	6000	III/II	400/450	3656	2170	650	3220	920	2225	752	710	1000	M30×600	3060	900	10
	YKK450-4	6000	III/II	500/560	3806	2320	700	3400	950	2345	772	800	1120	M30×600	4560	990	10
	YKK450-4	10000	III/II	400/450	3836	2350	700	3400	950	2450	772	800	1120	M30×600	4490	990	10
	YKK500-4	10000	III/II	500/560	3986	2500	750	3650	1020	2735	892	900	1250	M36×600	5660	1050	10
KQSN600-M20SJ	Y315L1-6	380	IV	110	2923	1437	620	2520	750	1678	593	508	508	M24×500	1211	650	8
	Y315L2-6	380	IV	132	2923	1437	620	2520	750	1678	593	508	508	M24×500	1239	650	8
	Y355M-6	380	IV	160	2977	1491	650	2610	780	1728	631	610	560	M24×500	1645	700	8

Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN600-M(N)27 Technical Data



Model	Specification (mm)	Capacity		Head (m)	Speed (r/min)	Power(kW)		Efficiency %	(NPSH) _r (m)	Weight (kg)
		(m³/h)	(l/s)			Shaft Power	Moter Power			
KQSN600-M27	485	1930	528.3	27	990	191.1	250	75	5.7	2506
		3216	880.0	22		216.3		90		
		3859	1056.7	15		199.1		80		
	461	1830	501.9	25	990	165.8	220	74	5.6	2504
		3050	836.5	20		187.2		89		
		3660	1003.8	14		172.6		79		
	437	1740	475.5	22	990	143.4	200	73	5.5	2502
		2900	792.5	18		161.6		88		
		3480	951.0	12		149.2		78		
	412	1650	449.1	20	990	123.0	185	72	5.4	2500
		2750	748.5	16		138.2		87		
		3300	898.2	11		127.8		77		
KQSN600-N27	485	1614	448.3	26	990	171.9	220	68	5.6	2505
		2690	747.2	22		177.1		89		
		3228	896.7	15		164.8		79		
	466	1549	430.4	24	990	154.4	200	67	5.5	2503
		2582	717.3	20		158.4		88		
		3099	860.8	14		147.7		78		
	441	1469	408.0	22	990	133.5	185	66	5.4	2501
		2448	680.0	18		136.5		87		
		2937	816.0	12		127.4		77		
	412	1372	381.0	19	990	110.4	160	65	5.3	2499
		2286	635.0	16		112.5		86		
		2743	762.0	11		105.2		76		



Notice: Protection type I, II, III and IV represent IP23, IP44, IP54 and IP55 respectively.

KQSN Inlet and Outlet Flange Pressure Class Data Sheet

No.	Pump Model	Inlet Flange Caliber DN	Pressure Class Mpa	Outlet Flange Caliber DN	Pressure Class Mpa
1	KQSN150-M4	150	1.0	100	1.6
2	KQSN150-M6	150	1.0	100	1.6
3	KQSN150-M7	150	1.0	100	1.6
4	KQSN200-M4	200	1.0	125	2.5
5	KQSN200-M5	200	1.0	125	2.5
6	KQSN200-M6	200	1.0	150	1.6
7	KQSN200-M7	200	1.0	150	1.6
8	KQSN200-M8	200	1.0	125	1.6
9	KQSN200-M9	200	1.0	150	1.0
10	KQSN200-M12	200	1.0	150	1.6
11	KQSN250-M4	250	1.0	150	1.6
12	KQSN250-M6	250	1.0	150	1.6
13	KQSN250-M9	250	1.0	200	1.0
14	KQSN300-M3	300	1.0	200	2.5
15	KQSN300-M4	300	1.0	200	1.6
16	KQSN300-M6	300	1.0	200	1.0
17	KQSN300-M6W	300	1.0	200	1.6
18	KQSN300-M9	300	1.0	250	1.0
19	KQSN300-M9W	300	1.6	200	1.6
20	KQSN300-M13	300	1.0	250	1.0
21	KQSN300-M13W	300	1.6	250	1.6
22	KQSN300-M19	300	1.0	250	1.0
23	KQSN300-M27	300	1.0	300	1.0
24	KQSN350-M4	350	1.0	250	2.5
25	KQSN350-M6	350	1.0	200	1.6
26	KQSN350-M9	350	1.0	250	1.0
27	KQSN350-M12S	350	1.0	300	1.6
28	KQSN350-M13	350	1.0	300	1.0
29	KQSN350-M14	350	1.0	300	1.0
30	KQSN350-M17S	350	1.0	300	1.0
31	KQSN350-M20S	350	1.0	300	1.0
32	KQSN350-M27	350	1.0	350	1.0
33	KQSN400-M4	400	1.0	300	2.5

No.	Pump Model	Inlet Flange Caliber DN	Pressure Class Mpa	Outlet Flange Caliber DN	Pressure Class Mpa
34	KQSN400-M6W	400	1.6	300	2.5
35	KQSN400-M9W	400	1.6	300	1.6
36	KQSN400-M13W	400	1.6	300	1.6
37	KQSN400-M17S	400	1.0	350	1.0
38	KQSN400-M19W	400	1.6	350	1.6
39	KQSN450-M5	450	2.5	350	2.5
40	KQSN450-M6	450	1.0	350	2.5
41	KQSN450-M8W	450	1.6	350	2.5
42	KQSN450-M12W	450	1.6	350	1.6
43	KQSN500-M6	500	1.0	300	1.6
44	KQSN500-M6W	500	1.6	400	1.6
45	KQSN500-M8	500	1.6	400	1.6
46	KQSN500-M9	500	1.0	350	1.0
47	KQSN500-M11W	500	1.6	400	1.6
48	KQSN500-M12S	500	1.0	400	1.0
49	KQSN500-M13	500	1.0	350	1.0
50	KQSN500-M17S	500	1.0	400	1.0
51	KQSN500-M19	500	1.0	400	1.0
52	KQSN500-M20S	500	1.6	400	1.6
53	KQSN500-M28	500	1.0	500	1.0
54	KQSN600-M6	600	1.0	450	1.6
55	KQSN600-M8	600	1.0	500	2.5
56	KQSN600-M9	600	1.0	400	1.0
57	KQSN600-M10	600	2.0	500	2.0
58	KQSN600-M12S	600	1.6	500	1.6
59	KQSN600-M13	600	1.0	400	1.0
60	KQSN600-M14	600	1.0	500	1.0
61	KQSN600-M17S	600	1.0	500	1.0
62	KQSN600-M19	600	1.0	500	1.0
63	KQSN600-M20S	600	1.0	500	1.0
64	KQSN600-M27	600	1.0	500	1.0

KQSN-S/W Series Pump and Domestic and Foreign Model Comparison

No.	Pump Model	KSB	Grundfos	Sulzer	KP	SA	S	SS	OW
1	KQSN150-M4	80-270	HS150-125-380						OW
2	KQSN150-M6	80-210			KP80-100	6SA-6A	150S78	6-150/2	
3	KQSN150-M7	100-310			KP140-150				
4	KQSN200-M4	100-310							SLO100-320(I)
5	KQSN200-M5	100-310							
6	KQSN200-M6	100-250	771583			8SA-7	200S98		OW125-450
7	KQSN200-M7								
8	KQSN200-M8	125-290	HS200-150-480						
9	KQSN200-M9	100-250	772678	SM126-250		8SA-10	200S65	10-200/2	OW250-520A
10	KQSN200-M12	125-230							
11	KQSN250-M4	125-290		SM151-250					
12	KQSN250-M6	200-520		SM201-250					OW250-520A
13	KQSN250-M9	125-230	HSS300-250-680	SM202-450		12SA-10	300S42		
14	KQSN300-M3		HSS250-200-580						
15	KQSN300-M4	200-670	HSS250-200-580					4-300/4	OW300-740
16	KQSN300-M6	200-520	1024-3/4	202-500	KP90-200			6-300/4	
17	KQSW300-M6	250-600	1020-3/4					6-350/4	OW300-520
18	KQSN300-M9	200-520						8-300/4	OW250-600
19	KQSW300-M9	250-600	2234192		KP75-250			9-350/4	
20	KQSN300-M13	200-420	2233522		KP30-250			9-300/6	OW350-520
21	KQSW300-M13	250-180	HSS300-250-420	SM302-360	KP35-300	14SA-10B	350S42	14-300/4	OW300-350
22	KQSN300-M19	200-320		302-280	KP20-250				OW250-390(I)
23	KQSN300-M27		1213-1/2		KP10-300			27-300/4	
24	KQSN350-M4		HS300-250-680					4-350/4	
25	KQSN350-M6	250-600							OW250-820
26	KQSN350-M9	250-600							
27	KQSS350-M12	250-370							
28	KQSN350-M13	250-480							
29	KQSN350-M14								
30	KQSS350-M17	250-370	1220-5/6	SM302-360	KP25-300	14SA-20	350S32	18-350/4	
31	KQSN350-M27	300-300	HS350-350-390		KP20-350				
32	KQSS350-M20	300-560							
33	KQSN400-M4								
34	KQSN400-M6	300-700		SW303-800					
35	KQSW400-M9	300-560							
36	KQSW400-M13	300-435							
37	KQSS400-M17		1415-1/2	SM302-320	KP35-350	20SA-20	500S22A	12-500/6	
38	KQSW400-M19	350-360							
39	KQSN450-M5	350-790A							
40	KQSN450-M6								
41	KQSW450-M8	350-690							OW350-440(I)
42	KQSW450-M12	350-510							
43	KQSN500-M6	300-560		SM402-850		20SA-6	500S98	7-500/6	
44	KQSW500-M6	400-935		SM402-850				13-600/4	
45	KQSN500-M8	400-620A							
46	KQSN500-M9	300-435	HS350-300-480	SM302-450		20SA-6	500S62		
47	KQSW500-M11	400-540	1220-7/8			20SA-10	500S86	12-500/4	OW400-550
48	KQSS500-M12	400-540	1220-7/8					12-500/4	OW400-550(I)A
49	KQSN500-M13	350-360	HS450-350-540	SM402-570j		200SA14	500S35	13-500/9	OW400-440
50	KQSS500-M17	R500-700B1	1617-1/2	SM401-450	KP115-500	20SA-14	500S49	19-600/4	
51	KQSN500-M19	350-360	1617-3/4	SM501-450j	KP20-400	20SA-14A	500S23A	30-400/4	OW500-660
52	KQSS500-M20		1615-1/2		KP50-500	20SA-22A	500S22A	19-600/4	
53	KQSN500-M28	350-360			KP10-500	20SA-22A	500S14A	27-500/6	
54	KQSN600-M6								OW500-520
55	KQSN600-M8	R500-890							
56	KQSN600-M9	R500-700A						45115	
57	KQSN600-M10	R500-790		SM502-800					
58	KQSS600-M12	R500-890A			KP115-500			12-600/4	
59	KQSN600-M13	R500-640A		SM501-570j	KP50-500			13-700/6	OW500-860(I)
60	KQSN600-M14	500-640A1		SM501-450	KP20-600				
61	KQSS600-M17	R500-700A	2025/1/2	SM501-570				12-700/6	OW600-860(I)A
62	KQSN600-M19	R500-510A		SM501-500j				22-600/6	OW600-860
63	KQSS600-M20	R500-685	HSS450-350-440			24SA-14/6P			OW600-630A
64	KQSN600-M27	350-430	HSS450-350-440	SM501-500		24SA-18A			OW600-720A

Spare Parts List

The recommended reserve for two-year operation is to ensure the long-term operation of the pump. The wearing parts should be kept in a reasonable quantity, so that they can be replaced at any time

Part name	Number of pumps installed (including spare pumps)						
	2	3	4	5	6	8	≥ 10
	Spare parts quantity						
Impeller	1	1	2	2	3	3	30%
Double suction seal ring	4	4	4	6	6	8	50%x2
Washer, retaining ring and round nut	1	1	2	2	3	3	30%
Deep groove ball bearings	2	3	4	5	6	8	50%x2
Bearing bush	1	1	2	2	3	3	30%
Shaft sleeve	4	4	5	6	6	8	50%x2
Mechanical seal	4	6	8	8	9	12	75%x2
Packing	30	30	40	50	60	80	50%x2
Packing gland	3	3	4	5	6	8	40%x2
Packing ring	3	3	4	5	6	8	40%x2
Sealing body O-ring	4	6	7	8	9	12	60%x2
Shaft sleeve O-ring	3	3	4	5	6	8	50%x2
Fish paper	4	4	5	6	7	8	100%

Guarantee, Test and Quality Control

Each pump needs performance test, and the operation data can be guaranteed without acceptance. The acceptance test can also be carried out according to ISO 9906 Gr.2, DIN 1944 / III, GB 3216 C or other equivalent international standards.

The quality of KQSN series products is guaranteed by the certified quality assurance system, which conforms to DIN ISO9001 / EN 29001 standard.



By using the three-dimensional fluid theory and introducing the international advanced flow and structure performance simulation analysis software, the internal flow pattern, cavitating multi-phase unsteady flow and dynamic response of structural components of the pump are accurately simulated, and the pressure pulsation, cavitating flow characteristics and their influence on the internal flow field are mastered. The best hydraulic model: **SMAR Smart Flow Pump** is analyzed and calculated, which ensures high efficiency and wide working area.

