Your Reliable Screw Pump Expert

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THREE-SCREW PUMP
HSN Series Product Manual

www.rsppump.com

Your Reliable Screw Pump Expert

ROYAL SERVICE

INTERNATIONAL QUALITY

TECHNOLOGY PIONEER

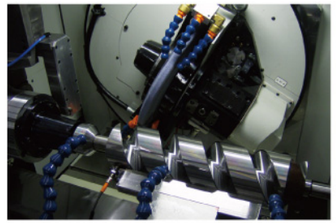
Brief Introduction

Huangshan RSP Manufacturing Co., Ltd. was founded in 1996, with a registered capital of 12 million RMB, which is a high-tech enterprise specialized in the R&D, design, manufacture, sales and service of screw pumps. At present, our company is mainly engaged in providing the three namely categories of products single-screw pumps、twin-screw pumps and three-screw pumps , which include over 20 series and more than 500 varieties, and has also established the “RSP” and “Huangshan Royal Pump” professional brands of screw pumps. Our products cover metallurgy, electric power, petroleum, chemical, building materials, vessels, machinery and other industries, and our partial products have entered the international market. Our company complies with the management philosophy “Specialty, Quality, Service and Mutual Benefits” , and makes every effort to build the first-class enterprise specialized in the field of screw pumps!

CNC Rotor Grinding Center

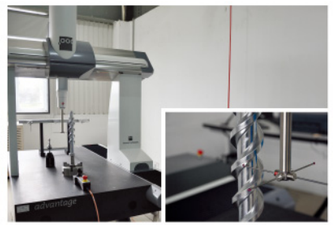
CNC Milling Machine

Comprehensive Test Center



CNC Rotor Grinding Center

Horizontal Maching Center



Coordinate Measuring Machine

Quality

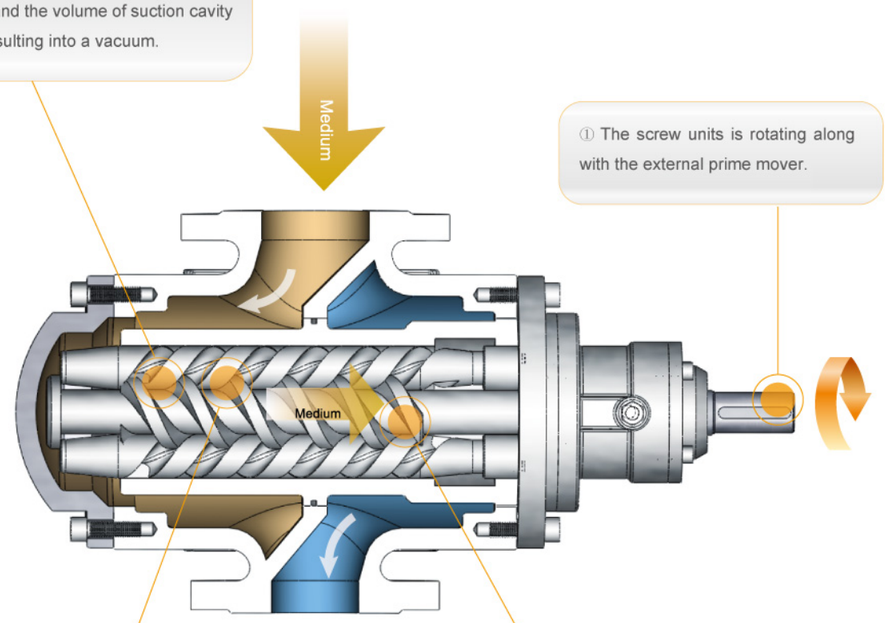
Huangshan RSP Manufacturing Co., Ltd. always complies with the concept “Quality is life of enterprise, Quality is value of customers, Quality is social responsibility” . Our company has successively passed the certifications of China Machinery Industry Quality System Certification Center and French BV ISO9001 Quality Management System, so as to assure the excellent quality of screw pumps.

RSP has possessed the strong research&development team and various kinds of high-quality precision production equipments, particularly the establishment of the domestic first-class screw-pump test center and introduction of horizontal machining center, to achieve the excellent-quality techniques and equipment safeguard of RSP.

Our products have obtained “China Classification Society Product-Type Certification” , “Well-known Brand Products of Anhui Province” , “High-tech Products of Anhui Province” and other titles. Our company has also been identified as “National High-tech Enterprise” , which is the designated cooperation partner of many units in the metallurgy, petroleum, petrochemical, electric power and other industries.

Operating Principle

② The spiral groove of the screw opens periodically, and the volume of suction cavity increases, resulting into a vacuum.



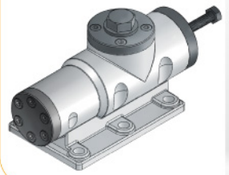
① The screw units is rotating along with the external prime mover.

③ The medium is absorbed into the spiral groove and sealed in the spiral groove.

④ Along with the rotation of screw, the medium moves towards the outlet along the axial line of the screw.

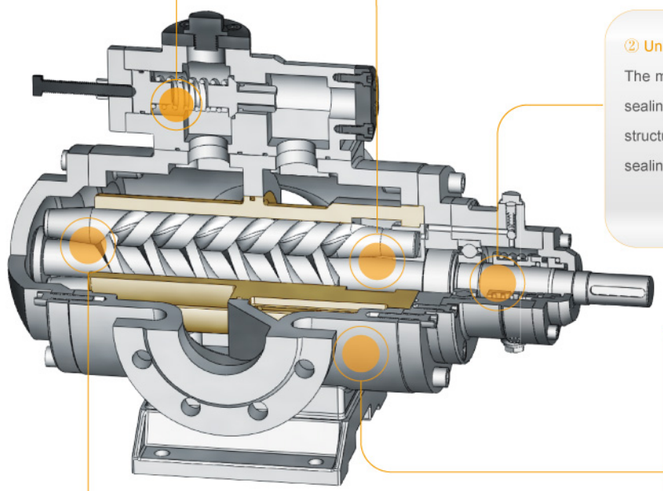
⑤ The medium is pumped out. This is the operating principle of screw pump.

Construction Features



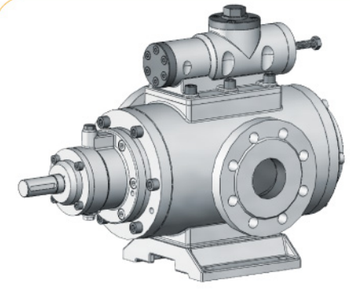
⑤ Pressure relief valve applied for protection of pump:
The valve equipped on the product can provide transient protection to the pump, to prevent overload, however, it can not be used as the overflow valve for the pipe.

① Advanced structure and excellent performance:
The traditional high-pressure balance technique is abandoned, and the axial force balance of drive and driven screws at low-pressure is adopted, with even stress distribution, deformation of screw not easy, reliable and stable operation, no impulse, and low noise;



② Unique design and reliable sealing:
The mechanical sealing method is adopted for pump, with the sealing cavity interlinked to the suction, at the same time, the structure is designed to provide sufficient cooling cycle to the sealing, to ensure the sealing effect and no leakage;

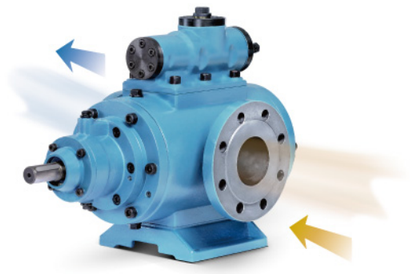
④ Pump core assembly for convenient maintenance and accessory replacement:
The pump is in a simple and compact structure, and the pump core assembly is in assembly construction, therefore, the pump core can be taken out as a whole, which is convenient for maintenance



③ Optimized improvement and aesthetic appearance:
The traditional inlet and outlet positions are changed to that the inlet and outlet are located at both sides of the pump but in a straight line, resulting into a pleasing appearance; meanwhile, the design is innovated, therefore, the inlet and outlet could be exchanged on user's site without any change to pipelines.

⑥ Various combinations of inlet and outlet, convenient for piping on site:
The relative positions between inlet and outlet are viewed from drive (electric motor) end to pump.

Right in and left out:
Common practice, without inlet and outlet code;

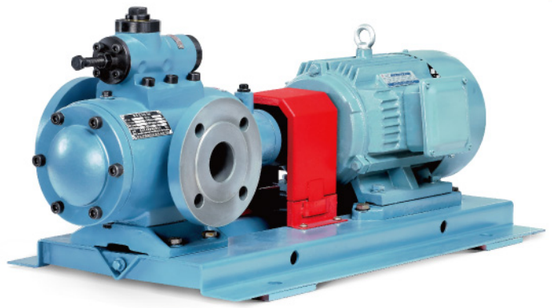


Left in and right out:
Reverse inlet, with inlet and outlet code of Z;

End in and top out:
Rear inlet, with inlet and outlet code of D;

⑦ Various mounting available, to meet different mounting requirements in the working conditions:

Horizontal mounting:
Common and popular type, connected on a baseplate;



Vertical mounting:
Great reduction of transverse space required by mounting, and guarantee of good coaxiality;

Bracket-type mounting:
Reduction of the area required for fixation of the unit, and guarantee of good coaxiality;

Immersion-type mounting:
Reduction of the space occupied by oil tank, and guarantee of good coaxiality;

Scope of Application and Requirements of Performance

Scope of Application				
Medium	Lubricant(oil)		Vegetable oil	Water ethylene glycol
Applicability	★		★	★
Medium	Lubricating grease	Light diesel oil	Fuel wastage(oil)	Other sticky chemical medium
Applicability	☆	☆	☆	☆
Note: ★ indicates use in priority, ☆indicates use being allowed, and in addition, use of other medium similar to the above-mentioned being allowed.				

Requirements of Performance	
Lubricating requirements on medium: Lubricating or partial lubricating is required.	Requirements on particles in medium: No solid particles.
Flow range: 5--5300L/min	Operating pressure: ≤4.0Mpa
Required speed: 500—3000r/min	Viscosity range: 3--1500mm²/s
Service temperature: 0--150℃	Allowed suction height: ≤8m

Code Description

Descriptions of main parameters for pump type										Separator	Auxiliary parameters illustrations	
Industry codes	Series code	Mounting type codes	Screw parameters codes: Specification codes	Screw parameters codes: Code for spiral direction of power rotor	Screw parameters codes: Inclin--ation angle	Code for lubrication type of bearing	Code for relative position between inlet and outlet	Code for special requirement		Operating speed	Operating pressure
No code (common use) C (special use on vessels) D (special use in electric power industry) S (special use in petrochemical industry)	HSN	H(horizontal mounting) F(bracket-type mounting) S(vertical mounting) K (Immersion-type mounting)	20 40 80 120 210 280 440 660 940 1300 1700 2200 2900 3600 5300	R (common use, with right-handed spiral direction of power rotor) L (left-handed spiral direction of power rotor)	36 38 40 42 43 44 46 50 51 54	No code(internal bearing) W(external bearing)	No code (right in and left out) Z (left in and right out) D(end in and top out)	No code(no special requirements) T1, T2, T3 (with special requirements)	/	No code (4-pole motor, with synchronous speed of 1500 r/min) 2P (2-pole motor, with synchronous speed of 3000 r/min) 6P (6-pole motor, with synchronous speed of 1000 r/min) VF (variable voltage & variable frequency inverter, with speed adjuster)	No code (operating pressure ≤1.0 Mpa) 2.5MPa) 25 (operating pressure ≤2.5 Mpa) 4.0MPa) 40 (operating pressure ≤4.0 Mpa)

Examples:

① HSNH660R40

Description:

This type indicates common HSN series, with horizontal mounting, specification of 660, power rotor in right-handed spiral direction, inclination angle of 40, internal bearing, relative position between inlet and outlet is right in and left out, no special requirement, operating pressure ≤1.0 Mpa, and 4-pole pump driven.

② CHSNF660L40WZT/6P25

Description:

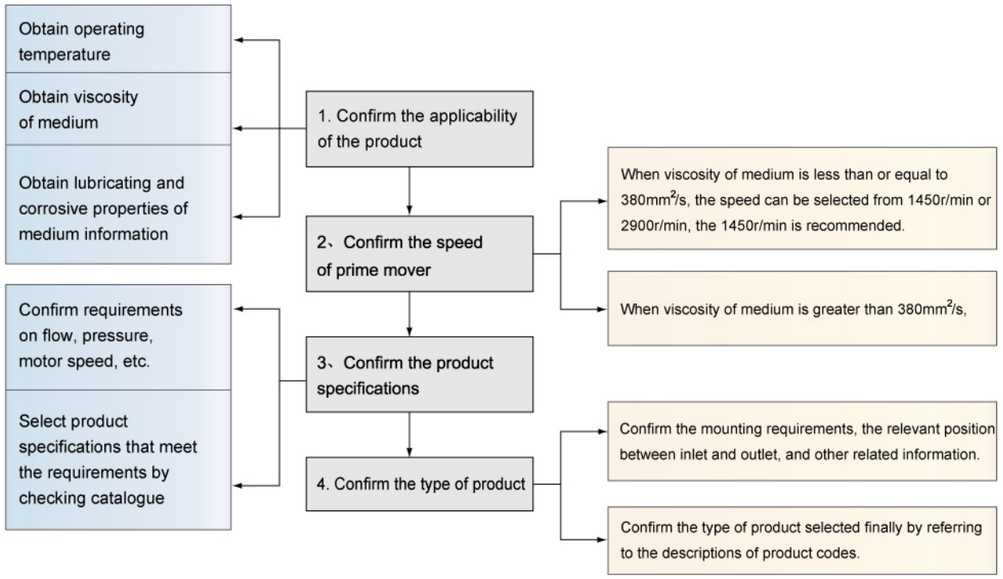
This type indicates HSN series specially used on vessels, with bracket-type mounting, specification of 660, power rotor in left-handed spiral direction, inclination angle is 40, external bearing, relative position between inlet and outlet is left in and right out, special requirement, operating pressure ≤2.5 Mpa, and 6-pole pump driven.

Remarks:

1. The "special use" means the product is specially designed and produced for an industry to meet the special requirements of the industry.
2. Please see the performance parameter table for the details of inclination angle.
3. The relative position between inlet and outlet is viewed from the drive (motor) end to the pump, and for the relative position of D, the mounting types of S and K are not available.
4. T indicates that the users have special requirements, and our company will provide the specific type on request.
5. If the auxiliary parameters are included and required in the technical documents of users, such as technical agreements, bidding documents, etc., they are not necessary to be included here.

Requirements of PumpType Selection

Procedures of type selection



Notes for Pump Selection

1. Attentions shall be paid to the flow speed at pump inlet (including the flow in the inlet pipe) during selection. In general, the flow at inlet shall be controlled within 1m/s, the flow of 1 1.3m/s can be selected only when the conditions allowed, and the flow greater than 1.3m/s shall be selected conservatively or never.

2. Because the flow speed at pump inlet will rise up along with the increase of the motor speed, resulting into the decrease of reliability, therefore, by taking into consideration of the reliable operation of the pump, the motor shall be selected according to the recommended value provided in the Procedures of Type Selection.

3. If the lubricating property of the conveying medium is better and the temperature is less than or equal to 80℃, you are recommended to select the pump with internal bearing; if the lubricating property of the conveying medium is poor and the temperature is higher than 80℃, you are recommended to select the pump with external bearing.

4. To better avoid the impurities from entering the pump, it is suggested to provide a filter with filtering accuracy of 40 mesh (filtering area is 15 20 times of flow passage diameter) in front of pump inlet.

5. If the flow rate required is precise and out of the scope of the performance parameter table, you can use variable frequency motor, or contact our sales people for customized solution.

NPSHr Table: NPSHr (m) in the table only applicable to the gas-free medium

Specifications	Speed n = 950 r/min							Speed n = 1450 r/min							Speed n =2900 r/min						
	Viscosity (mm²/s)							Viscosity (mm²/s)							Viscosity (mm²/s)						
	3	12	40	75	150	380	760	3	12	40	75	150	380	760	3	12	40	75	150	380	760
20 — 38	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.6
20 — 46	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	3	3.6
40 — 38	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.6
40 — 46	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	3	3.6
40 — 54	4.4	4.4	4.7	5.2	5.7	6.3	7	4.5	4.5	4.8	5.3	5.8	6.4	7.2	4.9	4.9	5.3	5.9	6.4	7.2	8.1
80 — 36	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.6	3
80 — 42	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1	2.1	2.1	2.2	2.5	2.8	3.5	4.2
80 — 46	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.2	2.2	2.5	3	3.5	4.2	5
80 — 54	4.4	4.4	4.8	5.2	5.8	6.3	7.1	4.5	4.5	4.9	5.4	6	6.5	7.4	5.4	5.4	5.9	6.5	7.4	8.4	
120 — 42	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2	2	2.4	2.7	3.2	3.9	4.6
120 — 46	2	2	2	2	2	2	2	2	2	2	2	2	2.1	2.4	2.5	2.5	2.9	3.4	4	5	5.9
120 — 50	3.4	3.4	3.5	4	4.8	5.5	6.3	3.5	3.5	4.1	4.6	5.2	5.8	6.6	4.4	4.4	5.2	5.9	6.7	7.8	
120 — 54	4.4	4.4	4.8	5.2	5.8	6.4	7.2	4.6	4.6	5	5.5	6	6.7	7.4	5.9	5.9	6.4	7.1	8.1		
210 — 36	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	2.5	2.8	3.3	3.9	4.7	5.6
210 — 40	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	2.5	2.8	3.3	3.9	4.7	5.6
210 — 46	2	2	2	2	2	2	2	2	2	2	2	2.1	2.4	2.8	3.2	3.2	3.9	4.6	5.4	6.9	8
210 — 50	3.3	3.3	3.7	4.4	4.8	5.4	6.1	3.5	3.5	4	4.6	5.3	6	6.7	5.7	5.7	6.4	7.3	8.5		
210 — 54	4.5	4.5	4.8	5.4	5.9	6.4	7.3	4.7	4.7	5.2	5.7	6.2	6.9	7.9	6.8	6.8	7.5	8.4			
280 — 43	2	2	2	2	2	2	2.2	2	2	2	2.1	2.3	2.8	3.2	4.2	4.2	4.7	5.6	6.6	8.4	
280 — 46	2	2	2	2	2	2	2.2	2	2	2	2.1	2.3	2.8	3.2	4.2	4.2	4.7	5.6	6.6	8.4	
280 — 50	3.3	3.3	3.8	4.4	4.8	5.5	6.1	3.5	3.5	4.1	4.7	5.4	6.5	6.8	6.5	6.5	7.6	8.8			
280 — 54	4.5	4.5	4.9	5.4	5.9	6.5	7.4	4.8	4.8	5.3	5.9	6.4	7.2	8.1	7.8	7.8	8.8				
440 — 36	2	2	2	2	2	2	2.1	2	2	2	2	2.2	2.5	3	3.6	3.6	4.4	5	5.8	7.2	
440 — 40	2	2	2	2	2	2	2.1	2	2	2	2	2.2	2.5	3	3.6	3.6	4.2	5	5.8	7.2	
440 — 42	2	2	2	2	2	2	2.2	2	2	2	2	2.3	2.8	3.5	4.2	4.2	5.3	6.1	7.2		
440 — 46	2	2	2	2	2	2.2	2.4	2	2	2.1	2.4	2.6	3.2	3.9	5.5	5.5	6.4	7.5	8.6		
440 — 51	3.3	3.3	3.9	4.5	4.8	5.5	6.2	3.6	3.6	4.3	4.9	5.8	6.9	7.4	8.5	8.5					
440 — 54	4.6	4.6	5	5.5	6	6.6	7.5	5	5	5.5	6.1	6.8	7.7	8.6							
660 — 36	2	2	2	2	2	2	2.1	2	2	2	2.1	2.2	2.5	3.1	3.6	3.6	4.5	5	5.9	7.3	
660 — 40	2	2	2	2	2	2.1	2.4	2	2	2	2.2	2.6	3.1	3.6	4.8	4.8	5.6	6.7	7.8		
660 — 44	2	2	2	2	2.1	2.5	2.8	2.2	2.2	2.5	3	3.4	4.1	5	7.5	7.5	8.6				
660 — 46	2	2	2	2	2.1	2.5	2.8	2.2	2.2	2.5	3	3.4	4.1	5	7.5	7.5	8.6				
660 — 51	3.4	3.4	4.1	4.5	4.9	5.8	6.4	4	4	4.6	5.3	6.3	7.6	8.4							
660 — 54	4.7	4.7	5.1	5.7	6.2	6.9	7.8	5.3	5.3	5.9	6.5	7.3	8.4								
940 — 40	2	2	2	2	2	2.1	2.4	2	2	2.1	2.3	2.7	2.9	3.8	5	5	5.9	7.5	8.2		
940 — 42	2	2	2	2	2.1	2.3	2.6	2	2	2.3	2.7	3.1	3.8	4.5	6.5	6.5	7.5	8.8			
940 — 46	2	2	2	2.1	2.3	2.7	3.2	2.4	2.4	2.9	3.7	4	5	5.9	9.4	9.4					
940 — 50	4.8	4.8	5.3	5.8	6.4	7.2	8.1	5.8	5.8	6.4	7.1	8.1									
940 — 54	4.8	4.8	5.3	5.8	6.4	7.2	8.1	5.8	5.8	6.4	7.1	8.1									
1300 — 38	2	2	2	2.1	2.3	2.6	3.2	2.3	2.3	2.8	3.3	3.8	4.6	5.6	8.4	8.4					
1300 — 42	2	2	2	2.1	2.3	2.6	3.2	2.3	2.3	2.8	3.3	3.8	4.6	5.6	8.4	8.4					
1300 — 46	2	2	2	2.2	2.5	3	3.6	3	3	3.5	4.2	4.9	6.1	7.1							
1300 — 54	4.9	4.9	5.4	6	6.6	7.5	8.4	6.2	6.2	6.9	7.7	8.8									
1700 — 42	2	2	2	2.3	2.6	3	3.6	2.8	2.8	3.3	3.9	4.6	5.6	6.7							
1700 — 46	2	2	2.2	2.6	2.9	3.6	4.3	3.5	3.5	4	4.9	5.8	7.3	8.6							
2200 — 42	2.2	2.2	2.5	2.9	3.3	4	4.9	4	4	4.7	5.7	6.7									
2200 — 46	2.2	2.2	2.5	2.9	3.3	4	4.9	4	4	4.7	5.7	6.7									
2900 — 40	2	2	2.3	2.6	3.1	3.7	4.4	3.8	3.8	4.2	5.1	6	7.4	8.9							
2900 — 46	2.4	2.4	2.6	3.2	3.8	4.2	5.3	4.2	4.2	4.9	6	7.4									
3600 — 46	2.5	2.8	3.1	3.6	4.3	5.2	6.2	5.3	5.6	6.4	7.7	8.8									
5300 — 42	2.8	3.2	3.6	4.2	5.8	6.6	7.4	6.6	8.1												
5300 — 46	3.2	3.7	4.1	4.8	6.6	7.2	8.3	7.2	9												

Rotating Speed **N=950**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s											
		3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
20-38	0.5	6.99	0.15	$Y_2$80M$_1$-6	0.37	8.42	0.15	$Y_2$80M$_1$-6	0.37	8.89	0.15	$Y_2$80M$_1$-6	0.37
	1.0	5.11	0.25	$Y_2$80M$_1$-6	0.37	7.26	0.25	$Y_2$80M$_1$-6	0.37	8.33	0.25	$Y_2$80M$_1$-6	0.37
	1.5	3.42	0.32	$Y_2$80M$_2$-6	0.55	6.36	0.32	$Y_2$80M$_2$-6	0.55	7.76	0.32	$Y_2$80M$_2$-6	0.55
	2.0					5.44	0.40	$Y_2$80M$_2$-6	0.55	7.25	0.40	$Y_2$80M$_2$-6	0.55
	2.5									6.87	0.48	$Y_2$90S-6	0.75
	3.0												
	3.5												
	4.0												
20-46	0.5	9.73	0.17	$Y_2$80M$_1$-6	0.37	10.8	0.17	$Y_2$80M$_1$-6	0.37	12.1	0.17	$Y_2$80M$_1$-6	0.37
	1.0	7.24	0.29	$Y_2$80M$_1$-6	0.37	9.74	0.29	$Y_2$80M$_1$-6	0.37	11.2	0.29	$Y_2$80M$_1$-6	0.37
	1.5	4.83	0.39	$Y_2$80M$_2$-6	0.55	8.76	0.39	$Y_2$80M$_2$-6	0.55	10.6	0.39	$Y_2$80M$_2$-6	0.55
	2.0					7.85	0.49	$Y_2$80M$_2$-6	0.55	9.84	0.49	$Y_2$80M$_2$-6	0.55
	2.5									9.32	0.59	$Y_2$90S-6	0.75
	3.0												
	3.5												
	4.0												
40-38	0.5	16.9	0.25	$Y_2$90S-6	0.75	18.8	0.25	$Y_2$90S-6	0.75	19.6	0.25	$Y_2$90S-6	0.75
	1.0	13.7	0.45	$Y_2$90S-6	0.75	17.2	0.45	$Y_2$90S-6	0.75	18.7	0.45	$Y_2$90S-6	0.75
	1.5	11.0	0.57	$Y_2$90S-6	0.75	15.8	0.57	Y90S-6	0.75	18.0	0.57	$Y_2$90S-6	0.75
	2.0					14.6	0.75	$Y_2$90L-6	1.1	17.1	0.75	$Y_2$90L-6	1.1
	2.5									16.3	0.95	$Y_2$100L-6	1.5
	3.0												
	3.5												
	4.0												
40-46	0.5	22.9	0.29	$Y_2$90S-6	0.75	25.2	0.29	$Y_2$90S-6	0.75	26.1	0.29	$Y_2$90S-6	0.75
	1.0	19.2	0.51	$Y_2$90S-6	0.75	23.4	0.51	$Y_2$90S-6	0.75	25.1	0.51	$Y_2$90S-6	0.75
	1.5	14.0	0.75	$Y_2$90L-6	1.1	21.7	0.75	$Y_2$90L-6	1.1	24.0	0.75	$Y_2$90L-6	1.1
	2.0					17.7	0.98	$Y_2$100L-6	1.5	23.3	0.98	$Y_2$100L-6	1.5
	2.5									20.9	1.23	$Y_2$112M-6	2.2
	3.0												
	3.5												
	4.0												
* 40-54	0.5	28.2	0.37	$Y_2$90S-6	0.75	31.7	0.37	$Y_2$90S-6	0.75	33.8	0.37	$Y_2$90S-6	0.75
	1.0	21.7	0.68	$Y_2$90L-6	1.1	28.3	0.68	$Y_2$90L-6	1.1	31.7	0.68	$Y_2$90L-6	1.1
	1.5					24.7	1.01	$Y_2$100L-6	1.5	30.0	1.01	$Y_2$100L-6	1.5
	2.0												
	2.5												
	3.0												
80-36	0.5	31.2	0.51	$Y_2$90S-6	0.75	34.1	0.51	$Y_2$90S-6	0.75	35.8	0.51	$Y_2$90S-6	0.75
	1.0	25.8	0.83	$Y_2$90L-6	1.1	30.8	0.83	$Y_2$90L-6	1.1	34.0	0.83	$Y_2$90L-6	1.1
	1.5	20.9	1.14	$Y_2$100L-6	1.5	28.3	1.14	$Y_2$100L-6	1.5	32.3	1.14	$Y_2$100L-6	1.5
	2.0					25.8	1.44	$Y_2$112M-6	2.2	31.0	1.44	$Y_2$112M-6	2.2
	2.5									29.2	1.76	$Y_2$112M-6	2.2
	3.0												
	3.5												
	4.0												
80-42	0.5	36.9	0.52	$Y_2$90S-6	0.75	43.8	0.52	$Y_2$90S-6	0.75	42.9	0.53	$Y_2$90S-6	0.75
	1.0	30.1	0.85	$Y_2$90L-6	1.1	36.9	0.86	$Y_2$90L-6	1.1	40.7	0.88	$Y_2$90L-6	1.1
	1.5	23.5	1.18	$Y_2$100L-6	1.5	33.3	1.22	$Y_2$112M-6	2.2	38.6	1.27	$Y_2$112M-6	2.2
	2.0					30.0	1.62	$Y_2$112M-6	2.2	36.6	1.66	$Y_2$112M-6	2.2
	2.5									34.9	2.04	$Y_2$132S-6	3.0
	3.0												
	3.5												
	4.0												
80-46	0.5	44.8	0.54	$Y_2$90S-6	0.75	48.8	0.54	$Y_2$90S-6	0.75	51.1	0.54	$Y_2$90S-6	0.75
	1.0	38.0	1.10	$Y_2$100L-6	1.5	45.0	1.10	$Y_2$100L-6	1.5	48.7	1.10	$Y_2$100L-6	1.5
	1.5	31.6	1.45	$Y_2$112M-6	2.2	41.3	1.53	$Y_2$112M-6	2.2	46.6	1.53	$Y_2$112M-6	2.2
	2.0					38.8	1.97	$Y_2$132S-6	3.0	44.7	1.90	$Y_2$132S-6	3.0
	2.5									42.8	2.40	$Y_2$132S-6	3.0
	3.0												
	3.5												
	4.0												
* 80-54	0.5	56.5	0.68	$Y_2$90L-6	1.1	62.4	0.68	$Y_2$90L-6	1.1	66.0	0.68	$Y_2$90L-6	1.1
	1.0	45.6	1.27	$Y_2$112M-6	2.2	56.3	1.27	$Y_2$112M-6	2.2	62.3	1.27	$Y_2$112M-6	2.2
	1.5					50.5	1.86	$Y_2$132S-6	3.0	59.0	1.86	$Y_2$132S-6	3.0
	2.0									56.0	2.45	$Y_2$132M$_1$-6	4.0
	2.5												
	3.0												

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=950**r/min

Viscosity mm²/s													
75				150				380				760	
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
9.14	0.15	$Y_2$80M$_1$-6	0.37	9.26	0.21	$Y_2$80M$_1$-6	0.37	9.48	0.25	$Y_2$80M$_1$-6	0.37	9.61	0.29	$Y_2$80M$_2$-6	0.55
8.63	0.25	$Y_2$80M$_1$-6	0.37	9.02	0.27	$Y_2$80M$_1$-6	0.37	9.36	0.30	$Y_2$80M$_1$-6	0.37	9.52	0.35	$Y_2$80M$_2$-6	0.55
8.25	0.32	$Y_2$80M$_2$-6	0.55	8.75	0.35	$Y_2$80M$_2$-6	0.55	9.22	0.39	$Y_2$80M$_2$-6	0.55	9.37	0.43	$Y_2$80M$_2$-6	0.55
7.79	0.40	$Y_2$80M$_2$-6	0.55	8.44	0.44	$Y_2$80M$_2$-6	0.55	9.19	0.47	$Y_2$90S-6	0.75	9.29	0.51	$Y_2$90S-6	0.75
7.56	0.48	$Y_2$90S-6	0.75	8.25	0.51	$Y_2$90S-6	0.75	9.01	0.55	$Y_2$90S-6	0.75	9.09	0.60	$Y_2$90S-6	0.75
7.32	0.57	$Y_2$90S-6	0.75	8.07	0.60	$Y_2$90S-6	0.75	8.82	0.62	$Y_2$90S-6	0.75	8.95	0.69	$Y_2$90L-6	1.1
6.99	0.65	$Y_2$90L-6	1.1	7.43	0.68	$Y_2$90L-6	1.1	8.53	0.71	$Y_2$90L-6	1.1	8.66	0.76	$Y_2$90L-6	1.1
6.57	0.75	$Y_2$90L-6	1.1	7.22	0.77	$Y_2$90L-6	1.1	8.32	0.79	$Y_2$90L-6	1.1	8.49	0.88	$Y_2$90L-6	1.1
12.4	0.17	$Y_2$80M$_1$-6	0.37	12.5	0.21	$Y_2$80M$_1$-6	0.37	12.6	0.24	$Y_2$80M$_1$-6	0.37	12.8	0.29	$Y_2$80M$_2$-6	0.55
11.9	0.29	$Y_2$80M$_1$-6	0.37	12.2	0.33	$Y_2$80M$_2$-6	0.55	12.4	0.38	$Y_2$80M$_2$-6	0.55	12.6	0.45	$Y_2$80M$_2$-6	0.55
11.2	0.39	$Y_2$80M$_2$-6	0.55	11.6	0.44	$Y_2$80M$_2$-6	0.55	12.1	0.48	$Y_2$90S-6	0.75	12.2	0.55	$Y_2$90S-6	0.75
10.7	0.49	$Y_2$80M$_2$-6	0.55	11.2	0.56	$Y_2$90S-6	0.75	11.8	0.60	$Y_2$90S-6	0.75	11.9	0.68	$Y_2$90L-6	1.1
10.4	0.59	$Y_2$90S-6	0.75	10.8	0.65	$Y_2$90L-6	1.1	11.6	0.70	$Y_2$90L-6	1.1	11.7	0.82	$Y_2$90L-6	1.1
9.96	0.69	$Y_2$90L-6	1.1	10.5	0.76	$Y_2$90L-6	1.1	11.1	0.81	$Y_2$90L-6	1.1	11.2	0.96	$Y_2$100L-6	1.5
9.57	0.85	$Y_2$90L-6	1.1	10.1	0.88	$Y_2$100L-6	1.5	10.9	0.92	$Y_2$100L-6	1.5	11.1	0.99	$Y_2$100L-6	1.5
9.15	0.98	$Y_2$100L-6	1.5	9.63	1.01	$Y_2$100L-6	1.5	10.4	1.05	$Y_2$100L-6	1.5	10.5	1.10	$Y_2$100L-6	1.5
19.9	0.25	$Y_2$90S-6	0.75	20.1	0.31	$Y_2$90S-6	0.75	20.3	0.35	$Y_2$90S-6	0.75	20.6	0.44	$Y_2$90S-6	0.75
19.2	0.47	$Y_2$90S-6	0.75	19.5	0.49	$Y_2$90S-6	0.75	20.0	0.52	$Y_2$90S-6	0.75	20.1	0.60	$Y_2$90S-6	0.75
18.5	0.62	$Y_2$90L-6	1.1	19.0	0.65	$Y_2$90L-6	1.1	19.8	0.69	$Y_2$90L-6	1.1	20.0	0.77	$Y_2$90L-6	1.1
18.0	0.79	$Y_2$90L-6	1.1	18.6	0.83	$Y_2$90L-6	1.1	19.6	0.90	$Y_2$100L-6	1.5	19.8	0.96	$Y_2$100L-6	1.5
17.6	0.99	$Y_2$100L-6	1.5	18.1	1.01	$Y_2$100L-6	1.5	19.4	1.10	$Y_2$100L-6	1.5	19.6	1.10	$Y_2$100L-6	1.5
17.0	1.19	$Y_2$100L-6	1.5	17.6	1.20	$Y_2$100L-6	1.5	19.1	1.21	$Y_2$112M-6	2.2	19.5	1.30	$Y_2$112M-6	2.2
15.8	1.33	$Y_2$112M-6	2.2	17.2	1.34	$Y_2$112M-6	2.2	18.9	1.39	$Y_2$112M-6	2.2	19.4	1.50	$Y_2$112M-6	2.2
15.2	1.50	$Y_2$112M-6	2.2	16.5	1.53	$Y_2$112M-6	2.2	17.9	1.59	$Y_2$112M-6	2.2	19.2	1.62	$Y_2$112M-6	2.2
26.6	0.35	$Y_2$90S-6	0.75	26.7	0.37	$Y_2$90S-6	0.75	27.0	0.45	$Y_2$90S-6	0.75	27.2	0.49	$Y_2$90S-6	0.75
25.8	0.55	$Y_2$90S-6	0.75	25.9	0.60	$Y_2$90S-6	0.75	26.6	0.65	$Y_2$90L-6	1.1	27.0	0.75	$Y_2$90L-6	1.1
25.1	0.79	$Y_2$90L-6	1.1	25.3	0.83	$Y_2$90L-6	1.1	26.3	0.89	$Y_2$100L-6	1.5	26.8	0.95	$Y_2$100L-6	1.5
24.5	0.99	$Y_2$100L-6	1.5	24.7	1.05	$Y_2$100L-6	1.5	26.0	1.10	$Y_2$100L-6	1.5	26.6	1.17	$Y_2$100L-6	1.5
24.0	1.25	$Y_2$112M-6	2.2	24.2	1.28	$Y_2$112M-6	2.2	25.8	1.35	$Y_2$112M-6	2.2	26.3	1.39	$Y_2$112M-6	2.2
22.1	1.49	$Y_2$112M-6	2.2	23.4	1.51	$Y_2$112M-6	2.2	25.6	1.58	$Y_2$112M-6	2.2	26.2	1.65	$Y_2$112M-6	2.2
21.3	1.72	$Y_2$112M-6	2.2	22.8	1.76	$Y_2$112M-6	2.2	25.3	1.79	$Y_2$132S-6	3.0	26.0	1.85	$Y_2$132S-6	3.0
20.6	1.95	$Y_2$132S-6	3.0	22.2	1.99	$Y_2$132S-6	3.0	23.8	2.05	$Y_2$132S-6	3.0	25.8	2.07	$Y_2$132S-6	3.0
34.6	0.40	$Y_2$90S-6	0.75	35.0	0.45	$Y_2$90S-6	0.75	35.4	0.50	$Y_2$90S-6	0.75	35.6	0.59	$Y_2$90S-6	0.75
33.1	0.71	$Y_2$90L-6	1.1	34.0	0.75	$Y_2$90L-6	1.1	34.6	0.81	$Y_2$90L-6	1.1	35.1	0.90	$Y_2$100L-6	1.5
31.7	1.02	$Y_2$100L-6	1.5	32.8	1.06	$Y_2$100L-6	1.5	33.8	1.11	$Y_2$100L-6	1.5	34.6	1.21	$Y_2$112M-6	2.2
30.7	1.35	$Y_2$112M-6	2.2	31.9	1.37	$Y_2$112M-6	2.2	33.1	1.42	$Y_2$112M-6	2.2	34.0	1.52	$Y_2$112M-6	2.2
29.4	1.65	$Y_2$112M-6	2.2	31.2	1.70	$Y_2$112M-6	2.2	32.4	1.73	$Y_2$112M-6	2.2	33.6	1.82	$Y_2$132S-6	3.0
				30.1	2.00	$Y_2$132S-6	3.0	32.2	2.06	$Y_2$132S-6	3.0	33.1	2.13	$Y_2$132S-6	3.0
36.0	0.53	$Y_2$90S-6	0.75	36.6	0.58	$Y_2$90S-6	0.75	37.1	0.62	$Y_2$90L-6	1.1	37.2	0.75	$Y_2$90L-6	1.1
35.0	0.86	$Y_2$90L-6	1.1	35.7	0.91	$Y_2$100L-6	1.5	36.3	0.95	$Y_2$100L-6	1.5	36.5	1.20	$Y_2$100L-6	1.5
34.0	1.20	$Y_2$100L-6	1.5	35.0	1.23	$Y_2$112M-6	2.2	35.6	1.30	$Y_2$112M-6	2.2	36.1	1.40	$Y_2$112M-6	2.2
33.1	1.49	$Y_2$112M-6	2.2	34.2	1.54	$Y_2$112M-6	2.2	35.0	1.61	$Y_2$112M-6	2.2	35.5	1.73	$Y_2$112M-6	2.2
32.1	1.80	$Y_2$132S-6	3.0	33.5	1.81	$Y_2$132S-6	3.0	34.2	1.83	$Y_2$132S-6	3.0	35.0	2.10	$Y_2$132S-6	3.0
31.2	2.10	$Y_2$132S-6	3.0	32.8	2.17	$Y_2$132S-6	3.0	33.6	2.24	$Y_2$132S-6	3.0	34.5	2.37	$Y_2$132S-6	3.0
30.2	2.40	$Y_2$132S-6	3.0	32.2	2.43	$Y_2$132M$_1$-6	4.0	33.0	2.56	$Y_2$132M$_1$-6	4.0	34.1	2.68	$Y_2$132M$_1$-6	4.0
29.3	2.70	$Y_2$132M$_1$-6	4.0	31.3	2.77	$Y_2$132M$_1$-6	4.0	32.5	2.85	$Y_2$132M$_1$-6	4.0	33.8	2.95	$Y_2$132M$_1$-6	4.0
43.7	0.56	$Y_2$90S-6	0.75	44.1	0.61	$Y_2$90L-6	1.1	44.7	0.66	$Y_2$90L-6	1.1	44.7	0.79	$Y_2$90L-6	1.1
42.2	0.92	$Y_2$100L-6	1.5	43.0	0.98	$Y_2$100L-6	1.5	43.8	1.08	$Y_2$100L-6	1.5	44.2	1.18	$Y_2$100L-6	1.5
40.6	1.31	$Y_2$112M-6	2.2	42.0	1.35	$Y_2$112M-6	2.2	43.1	1.44	$Y_2$112M-6	2.2	43.5	1.56	$Y_2$112M-6	2.2
39.4	1.69	$Y_2$112M-6	2.2	40.9	1.75	$Y_2$112M-6	2.2	42.3	1.85	$Y_2$112M-6	2.2	42.9	1.96	$Y_2$132S-6	3.0
38.0	2.08	$Y_2$132S-6	3.0	39.9	2.14	$Y_2$132S-6	3.0	41.5	2.22	$Y_2$132S-6	3.0	42.4	2.33	$Y_2$132S-6	3.0
36.7	2.45	$Y_2$132M$_1$-6	4.0	38.8	2.52	$Y_2$132M$_1$-6	4.0	41.0	2.59	$Y_2$132M$_1$-6	4.0	41.9	2.72	$Y_2$132M$_1$-6	4.0
35.4	2.85	$Y_2$132M$_1$-6	4.0	38.0	2.89	$Y_2$132M$_1$-6	4.0	40.3	2.97	$Y_2$132M$_1$-6	4.0	41.3	3.11	$Y_2$132M$_1$-6	4.0
34.1	3.24	$Y_2$132M$_2$-6	5.5	37.1	3.28	$Y_2$132M$_2$-6	5.5	39.5	3.37	$Y_2$132M$_2$-6	5.5	40.8	3.49	$Y_2$132M$_2$-6	5.5
51.7	0.58	$Y_2$90S-6	0.75	52.3	0.65	$Y_2$90L-6	1.1	52.5	0.72	$Y_2$90L-6	1.1	53.1	0.89	$Y_2$100L-6	1.5
50.2	1.12	$Y_2$100L-6	1.5	51.0	1.18	$Y_2$100L-6	1.5	51.8	1.25	$Y_2$112M-6	2.2	52.3	1.36	$Y_2$112M-6	2.2
48.6	1.50	$Y_2$112M-6	2.2	50.0	1.61	$Y_2$112M-6	2.2	51.2	1.69	$Y_2$112M-6	2.2	51.6	1.73	$Y_2$112M-6	2.2
47.3	1.96	$Y_2$132S-6	3.0	49.0	2.05	$Y_2$132S-6	3.0	50.4	2.15	$Y_2$132S-6	3.0	51.3	2.27	$Y_2$132S-6	3.0
46.0	2.40	$Y_2$132S-6	3.0	48.0	2.50	$Y_2$132M$_1$-6	4.0	49.7	2.60	$Y_2$132M$_1$-6	4.0	50.6	2.72	$Y_2$132M$_1$-6	4.0
44.6	2.89	$Y_2$132M$_1$-6	4.0	47.0	2.90	$Y_2$132M$_1$-6	4.0	49.2	2.99	$Y_2$132M$_1$-6	4.0	50.1	3.16	$Y_2$132M$_1$-6	4.0
43.4	3.32	$Y_2$132M$_2$-6	5.5	46.0	3.39	$Y_2$132M$_2$-6	5.5	48.3	3.45	$Y_2$132M$_2$-6	5.5	49.6	3.61	$Y_2$132M$_2$-6	5.5
42.3	3.80	$Y_2$132M$_2$-6	5.5	45.2	3.88	$Y_2$132M$_2$-6	5.5	47.7	3.94	$Y_2$132M$_2$-6	5.5	49.0	4.01	$Y_2$132M$_2$-6	5.5
67.2	0.72	$Y_2$90L-6	1.1	68.0	0.78	$Y_2$90L-6	1.1	68.5	0.85	$Y_2$90L-6	1.1	68.9	0.97	$Y_2$100L-6	1.5
64.8	1.31	$Y_2$112M-6	2.2	66.1	1.36	$Y_2$112M-6	2.2	67.3	1.44	$Y_2$112M-6	2.2	68.0	1.56	$Y_2$112M-6	2.2
62.4	1.90	$Y_2$132S-6	3.0	64.3	1.95	$Y_2$132S-6	3.0	66.1	2.03	$Y_2$132S-6	3.0	67.1	2.15	$Y_2$132S-6	3.0
60.2	2.49	$Y_2$132M$_1$-6	4.0	62.8	2.54	$Y_2$132M$_1$-6	4.0	64.9	2.62	$Y_2$132M$_1$-6	4.0	66.2	2.74	$Y_2$132M$_1$-6	4.0
58.2	3.10	$Y_2$132M$_1$-6	4.0	61.1	3.13	$Y_2$132M$_1$-6	4.0	63.8	3.21	$Y_2$132M$_2$-6	5.5	65.4	3.33	$Y_2$132M$_2$-6	5.5
				60.6	3.75	$Y_2$132M$_2$-6	5.5	62.9	3.80	$Y_2$132M$_2$-6	5.5	64.8	3.92	$Y_2$132M$_2$-6	5.5

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=950**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
120-42	0.5	54.0	0.70	$Y_2$90L-6	1.1	59.0	0.70	$Y_2$90L-6	1.1	62.0	0.70	$Y_3$90L-6	1.1
	1.0	45.1	1.25	$Y_2$112M-6	2.2	54.0	1.25	$Y_2$112M-6	2.2	59.2	1.25	$Y_3$112M-6	2.2
	1.5	36.9	1.79	$Y_2$132S-6	3.0	49.2	1.79	$Y_2$132S-6	3.0	56.4	1.79	$Y_3$132S-6	3.0
	2.0					44.8	2.34	$Y_2$132S-6	3.0	54.1	2.34	$Y_3$132S-6	3.0
	2.5									51.6	2.88	$Y_3$132M_1-6	4.0
	3.0												
	3.5												
	4.0												
120-46	0.5	66.1	0.80	$Y_2$90L-6	1.1	70.8	0.80	$Y_2$90L-6	1.1	73.2	0.80	$Y_3$90L-6	1.1
	1.0	57.1	1.44	$Y_2$112M-6	2.2	65.8	1.44	$Y_2$112M-6	2.2	70.4	1.44	$Y_3$112M-6	2.2
	1.5	48.9	2.09	$Y_2$132S-6	3.0	61.3	2.09	$Y_2$132S-6	3.0	67.8	2.09	$Y_3$132S-6	3.0
	2.0					56.7	2.73	$Y_2$132M_1-6	4.0	65.4	2.73	$Y_3$132M_1-6	4.0
	2.5									63.0	3.40	$Y_2$132M_2-6	5.5
	3.0												
	3.5												
	4.0												
120-50	0.5	72.5	0.76	$Y_2$90L-6	1.1	77.6	0.88	$Y_2$90L-6	1.1	80.9	0.91	$Y_3$100L-6	1.5
	1.0	68.3	1.41	$Y_2$112M-6	2.2	75.3	1.54	$Y_2$112M-6	2.2	78.7	1.67	$Y_3$112M-6	2.2
	1.5					73.5	2.22	$Y_2$132S-6	3.0	76.4	2.45	$Y_3$132M_1-6	4.0
	2.0									75.1	3.21	$Y_3$132M_1-6	4.0
	2.5												
	3.0												
* 120-54	0.5	84.8	1.01	$Y_2$100L-6	1.5	92.5	1.01	$Y_2$100L-6	1.5	96.8	1.01	$Y_3$100L-6	1.5
	1.0	70.5	1.87	$Y_2$132S-6	3.0	84.5	1.87	$Y_2$132S-6	3.0	92.3	1.87	$Y_3$132S-6	3.0
	1.5					77.0	2.73	$Y_2$132M_1-6	4.0	88.1	2.73	$Y_3$132M_1-6	4.0
	2.0									84.1	3.60	$Y_3$132M_2-6	5.5
	2.5												
	3.0												
210-36	0.5	83.3	0.98	$Y_2$100L-6	1.5	88.9	0.98	$Y_2$100L-6	1.5	91.0	0.98	$Y_3$100L-6	1.5
	1.0	74.2	1.78	$Y_2$132S-6	3.0	83.3	1.78	$Y_2$132S-6	3.0	88.2	1.78	$Y_3$132S-6	3.0
	1.5	65.7	2.58	$Y_2$132M_1-6	4.0	78.4	2.58	$Y_2$132M_1-6	4.0	85.4	2.58	$Y_3$132M_1-6	4.0
	2.0					74.2	3.38	$Y_2$132M_2-6	5.5	82.6	3.38	$Y_3$132M_2-6	5.5
	2.5									80.5	4.18	$Y_3$132M_2-6	5.5
	3.0												
	3.5												
	4.0												
210-40	0.5	96.8	1.16	$Y_2$100L-6	1.5	102	1.16	$Y_2$100L-6	1.5	105	1.16	$Y_3$100L-6	1.5
	1.0	86.7	2.06	$Y_2$132S-6	3.0	96.5	2.06	$Y_2$132S-6	3.0	102	2.06	$Y_3$132S-6	3.0
	1.5	77.3	2.99	$Y_2$132M_1-6	4.0	91.2	2.99	$Y_2$132M_1-6	4.0	99.2	2.99	$Y_3$132M_1-6	4.0
	2.0					86.3	3.90	$Y_2$132M_2-6	5.5	96.3	3.90	$Y_3$132M_2-6	5.5
	2.5									93.7	4.81	$Y_2$160M-6	7.5
	3.0												
	3.5												
	4.0												
210-46	0.5	119	1.40	$Y_2$112M-6	2.2	127	1.40	$Y_2$112M-6	2.2	130	1.40	$Y_3$112M-6	2.2
	1.0	106	2.54	$Y_2$132M_1-6	4.0	119	2.54	$Y_2$132M_1-6	4.0	126	2.54	$Y_3$132M_1-6	4.0
	1.5	93.5	3.69	$Y_2$132M_2-6	5.5	112	3.69	$Y_2$132M_2-6	5.5	122	3.69	$Y_3$132M_2-6	5.5
	2.0					105	4.84	$Y_2$160M-6	7.5	118	4.84	$Y_3$160M-6	7.5
	2.5									115	5.99	$Y_3$160M-6	7.5
	3.0												
	3.5												
	4.0												
210-50	0.5	132	1.44	$Y_2$112M-6	2.2	140	1.49	$Y_2$112M-6	2.2	147	1.56	$Y_3$112M-6	2.2
	1.0	124	2.68	$Y_2$132M_1-6	4.0	131	2.77	$Y_2$132M_1-6	4.0	144	2.89	$Y_3$132M_1-6	4.0
	1.5	116	3.89	$Y_2$132M_2-6	5.5	125	3.99	$Y_2$132M_2-6	5.5	141	4.11	$Y_3$132M_2-6	5.5
	2.0					119	5.17	$Y_2$160M-6	7.5	137	5.43	$Y_3$160M-6	7.5
	2.5									135	6.94	$Y_2$160L-6	11
	3.0												
* 210-54	0.5	155	1.78	$Y_2$132S-6	3.0	167	1.78	$Y_2$132S-6	3.0	174	1.78	$Y_3$132S-6	3.0
	1.0	132	3.32	$Y_2$132M_2-6	5.5	155	3.32	$Y_2$132M_2-6	5.5	167	3.32	$Y_3$132M_2-6	5.5
	1.5					143	4.84	$Y_2$160M-6	7.5	160	4.84	$Y_3$160M-6	7.5
	2.0									154	6.38	$Y_2$160L-6	11
	2.5												
	3.0												

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=950**r/min

Viscosity mm²/s: 75				150				360				780			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
63.0	0.76	$Y_2$90L-6	1.1	63.5	0.84	$Y_2$90L-6	1.1	64.2	0.96	$Y_2$100L-6	1.5	64.5	1.16	$Y_2$100L-6	1.5
61.0	1.30	$Y_2$112M-6	2.2	62.0	1.38	$Y_2$112M-6	2.2	63.2	1.50	$Y_2$112M-6	2.2	63.6	1.71	$Y_2$112M-6	2.2
59.0	1.85	$Y_2$132S-6	3.0	60.7	1.93	$Y_2$132S-6	3.0	62.1	2.05	$Y_2$132S-6	3.0	63.0	2.26	$Y_2$132S-6	3.0
57.2	2.39	$Y_2$132S-6	3.0	59.4	2.48	$Y_2$132M_1-6	4.0	61.1	2.60	$Y_2$132M_1-6	4.0	62.2	2.80	$Y_2$132M_1-6	4.0
55.2	2.94	$Y_2$132M_1-6	4.0	58.0	3.02	$Y_2$132M_1-6	4.0	60.2	3.14	$Y_2$132M_1-6	4.0	61.4	3.35	$Y_2$132M_2-6	5.5
54.0	3.49	$Y_2$132M_2-6	5.5	56.8	3.58	$Y_2$132M_2-6	5.5	59.5	3.69	$Y_2$132M_2-6	5.5	60.8	3.89	$Y_2$132M_2-6	5.5
52.1	4.05	$Y_2$132M_2-6	5.5	55.6	4.12	$Y_2$132M_2-6	5.5	58.6	4.23	$Y_2$132M_2-6	5.5	60.2	4.45	$Y_2$160M-6	7.5
50.3	4.61	$Y_2$160M-6	7.5	54.3	4.69	$Y_2$160M-6	7.5	57.8	4.79	$Y_2$160M-6	7.5	59.6	4.99	$Y_2$160M-6	7.5
74.8	0.86	$Y_2$90L-6	1.1	75.2	0.94	$Y_2$100L-6	1.5	76.0	1.06	$Y_2$100L-6	1.5	76.2	1.26	$Y_2$112M-6	2.2
72.6	1.50	$Y_2$112M-6	2.2	73.8	1.58	$Y_2$112M-6	2.2	75.0	1.70	$Y_2$112M-6	2.2	75.3	1.91	$Y_2$132S-6	3.0
70.8	2.14	$Y_2$132S-6	3.0	72.5	2.22	$Y_2$132S-6	3.0	74.1	2.34	$Y_2$132S-6	3.0	74.4	2.55	$Y_2$132M_1-6	4.0
69.0	2.79	$Y_2$132M_1-6	4.0	71.2	2.87	$Y_2$132M_1-6	4.0	73.2	2.99	$Y_2$132M_1-6	4.0	73.8	3.20	$Y_2$132M_1-6	4.0
67.3	3.43	$Y_2$132M_2-6	5.5	69.8	3.51	$Y_2$132M_2-6	5.5	72.1	3.63	$Y_2$132M_2-6	5.5	73.0	3.84	$Y_2$132M_2-6	5.5
65.7	4.10	$Y_2$132M_2-6	5.5	68.6	4.16	$Y_2$132M_2-6	5.5	71.4	4.28	$Y_2$132M_2-6	5.5	72.5	4.48	$Y_2$160M-6	7.5
64.1	4.75	$Y_2$160M-6	7.5	67.2	4.83	$Y_2$160M-6	7.5	70.5	4.92	$Y_2$160M-6	7.5	71.8	5.14	$Y_2$160M-6	7.5
62.5	5.39	$Y_2$160M-6	7.5	66.3	5.49	$Y_2$160M-6	7.5	69.6	5.60	$Y_2$160M-6	7.5	71.0	5.78	$Y_2$160M-6	7.5
83.5	0.95	$Y_2$100L-6	1.5	85.1	1.03	$Y_2$100L-6	1.5	86.5	1.18	$Y_2$100L-6	1.5	87.2	1.33	$Y_2$112M-6	2.2
82.9	1.72	$Y_2$112M-6	2.2	83.2	1.78	$Y_2$132S-6	3.0	84.7	1.93	$Y_2$132S-6	3.0	85.9	2.09	$Y_2$132S-6	3.0
81.1	2.44	$Y_2$132M_1-6	4.0	81.7	2.56	$Y_2$132M_1-6	4.0	83.1	2.68	$Y_2$132M_1-6	4.0	84.6	2.88	$Y_2$132M_1-6	4.0
79.8	3.19	$Y_2$132M_1-6	4.0	80.5	3.34	$Y_2$132M_2-6	5.5	81.7	3.52	$Y_2$132M_2-6	5.5	83.2	3.67	$Y_2$132M_2-6	5.5
78.1	3.98	$Y_2$132M_2-6	5.5	79.2	4.09	$Y_2$132M_2-6	5.5	80.3	4.21	$Y_2$132M_2-6	5.5	81.9	3.45	$Y_2$132M_2-6	5.5
76.8	4.75	$Y_2$160M-6	7.5	77.8	4.88	$Y_2$160M-6	7.5	79.2	4.99	$Y_2$160M-6	7.5	80.3	5.25	$Y_2$160M-6	7.5
98.4	1.07	$Y_2$100L-6	1.5	99.6	1.15	$Y_2$100L-6	1.5	100	1.27	$Y_2$112M-6	2.2	101	1.48	$Y_2$112M-6	2.2
95.3	1.92	$Y_2$132S-6	3.0	97.0	2.01	$Y_2$132S-6	3.0	98.6	2.13	$Y_2$132S-6	3.0	99.5	2.33	$Y_2$132S-6	3.0
92.3	2.78	$Y_2$132M_1-6	4.0	94.8	2.86	$Y_2$132M_1-6	4.0	97.0	2.98	$Y_2$132M_1-6	4.0	98.3	3.19	$Y_2$132M_1-6	4.0
89.6	3.64	$Y_2$132M_2-6	5.5	92.6	3.72	$Y_2$132M_2-6	5.5	95.6	3.84	$Y_2$132M_2-6	5.5	97.2	4.05	$Y_2$132M_2-6	5.5
87.0	4.53	$Y_2$160M-6	7.5	90.6	4.58	$Y_2$160M-6	7.5	94.2	4.70	$Y_2$160M-6	7.5	96.2	4.90	$Y_2$160M-6	7.5
				88.6	5.46	$Y_2$160M-6	7.5	92.9	5.56	$Y_2$160M-6	7.5	95.2	5.76	$Y_2$160M-6	7.5
93.1	1.03	$Y_2$100L-6	1.5	93.8	1.12	$Y_2$100L-6	1.5	94.5	1.26	$Y_2$112M-6	2.2	95.2	1.49	$Y_2$112M-6	2.2
91.0	1.83	$Y_2$132S-6	3.0	91.7	1.92	$Y_2$132S-6	3.0	93.8	2.06	$Y_2$132S-6	3.0	94.5	2.28	$Y_2$132S-6	3.0
88.9	2.63	$Y_2$132M_1-6	4.0	90.3	2.72	$Y_2$132M_1-6	4.0	93.1	2.93	$Y_2$132M_1-6	4.0	93.8	3.08	$Y_2$132M_1-6	4.0
86.8	3.43	$Y_2$132M_2-6	5.5	88.9	3.52	$Y_2$132M_2-6	5.5	91.7	3.66	$Y_2$132M_2-6	5.5	93.1	3.89	$Y_2$132M_2-6	5.5
85.4	4.24	$Y_2$132M_2-6	5.5	87.5	4.32	$Y_2$132M_2-6	5.5	91.0	4.47	$Y_2$160M-6	7.5	92.4	4.68	$Y_2$160M-6	7.5
84.0	5.04	$Y_2$160M-6	7.5	85.4	5.12	$Y_2$160M-6	7.5	89.6	5.34	$Y_2$160M-6	7.5	91.7	5.49	$Y_2$160M-6	7.5
83.4	5.81	$Y_2$160M-6	7.5	84.7	5.93	$Y_2$160M-6	7.5	88.9	6.08	$Y_2$160M-6	7.5	91.0	6.30	$Y_2$160L-6	11
82.7	6.56	$Y_2$160L-6	11	83.9	6.71	$Y_2$160L-6	11	87.5	6.87	$Y_2$160L-6	11	90.3	7.07	$Y_2$160L-6	11
107	1.24	$Y_2$112M-6	2.2	107	1.36	$Y_2$112M-6	2.2	108	1.57	$Y_2$112M-6	2.2	108	1.88	$Y_2$132S-6	3.0
104	2.14	$Y_2$132S-6	3.0	106	2.27	$Y_2$132S-6	3.0	107	2.46	$Y_2$132M_1-6	4.0	107	2.79	$Y_2$132M_1-6	4.0
102	3.06	$Y_2$132M_1-6	4.0	104	3.18	$Y_2$132M_1-6	4.0	106	3.38	$Y_2$132M_2-6	5.5	107	3.70	$Y_2$132M_2-6	5.5
100	3.96	$Y_2$132M_2-6	5.5	103	4.09	$Y_2$132M_2-6	5.5	105	4.31	$Y_2$132M_2-6	5.5	106	4.62	$Y_2$160M-6	7.5
98.2	4.88	$Y_2$160M-6	7.5	101	5.01	$Y_2$160M-6	7.5	104	5.22	$Y_2$160M-6	7.5	105	5.52	$Y_2$160M-6	7.5
96.4	5.79	$Y_2$160M-6	7.5	100	5.92	$Y_2$160M-6	7.5	103	6.12	$Y_2$160M-6	7.5	104	6.44	$Y_2$160L-6	11
94.5	6.72	$Y_2$160L-6	11	98.4	6.83	$Y_2$160L-6	11	102	7.03	$Y_2$160L-6	11	103	7.35	$Y_2$160L-6	11
92.6	7.63	$Y_2$160L-6	11	97.0	7.76	$Y_2$160L-6	11	101	7.94	$Y_2$160L-6	11	103	8.26	$Y_2$160L-6	11
133	1.47	$Y_2$112M-6	2.2	134	1.60	$Y_2$112M-6	2.2	135	1.80	$Y_2$132S-6	3.0	136	2.12	$Y_2$132S-6	3.0
130	2.61	$Y_2$132M_1-6	4.0	131	2.74	$Y_2$132M_1-6	4.0	134	2.94	$Y_2$132M_1-6	4.0	135	3.25	$Y_2$132M_2-6	5.5
127	3.76	$Y_2$132M_2-6	5.5	129	3.88	$Y_2$132M_2-6	5.5	133	4.09	$Y_2$132M_2-6	5.5	134	4.40	$Y_2$160M-6	7.5
124	4.90	$Y_2$160M-6	7.5	127	5.03	$Y_2$160M-6	7.5	131	5.23	$Y_2$160M-6	7.5	133	5.55	$Y_2$160M-6	7.5
122	6.05	$Y_2$160M-6	7.5	125	6.17	$Y_2$160M-6	7.5	130	6.38	$Y_2$160L-6	11	132	6.69	$Y_2$160L-6	11
119	7.22	$Y_2$160L-6	11	122	7.32	$Y_2$160L-6	11	128	7.63	$Y_2$160L-6	11	131	7.84	$Y_2$160L-6	11
116	8.36	$Y_2$160L-6	11	120	8.49	$Y_2$160L-6	11	127	8.68	$Y_2$160L-6	11	130	8.99	$Y_2$160L-6	11
114	9.51	$Y_2$180L-6	15	118	9.63	$Y_2$180L-6	15	125	9.85	$Y_2$180L-6	15	129	10.1	$Y_2$180L-6	15
150	1.68	$Y_2$112M-6	2.2	151	1.82	$Y_2$132S-6	3.0	153	1.97	$Y_2$132S-6	3.0	155	2.37	$Y_2$132S-6	3.0
147	2.97	$Y_2$132M_1-6	4.0	149	3.18	$Y_2$132M_1-6	4.0	150	3.38	$Y_2$132M_2-6	5.5	152	3.65	$Y_2$132M_2-6	5.5
145	4.38	$Y_2$132M_2-6	5.5	146	4.54	$Y_2$160M-6	7.5	148	4.79	$Y_2$160M-6	7.5	149	4.95	$Y_2$160M-6	7.5
142	5.71	$Y_2$160M-6	7.5	144	5.89	$Y_2$160M-6	7.5	146	6.11	$Y_2$160M-6	7.5	147	6.38	$Y_2$160L-6	11
138	7.11	$Y_2$160L-6	11	140	7.35	$Y_2$160L-6	11	143	7.59	$Y_2$160L-6	11	145	7.94	$Y_2$160L-6	11
135	8.39	$Y_2$160L-6	11	138	8.65	$Y_2$160L-6	11	140	8.98	$Y_2$160L-6	11	142	9.21	Y160L-6	11
176	1.86	$Y_2$132S-6	3.0	178	1.98	$Y_2$132S-6	3.0	179	2.18	$Y_2$132S-6	3.0	180	2.50	$Y_2$132M_1-6	4.0
171	3.38	$Y_2$132M_2-6	5.5	174	3.50	$Y_2$132M_2-6	5.5	177	3.72	$Y_2$132M_2-6	5.5	179	4.02	$Y_2$132M_2-6	5.5
167	4.90	$Y_2$160M-6	7.5	171	5.03	$Y_2$160M-6	7.5	174	5.24	$Y_2$160M-6	7.5	177	5.56	$Y_2$160M-6	7.5
162	6.44	$Y_2$160L-6	11	167	6.57	$Y_2$160L-6	11	172	6.76	$Y_2$160L-6	11	175	7.08	$Y_2$160L-6	11
158	7.98	$Y_2$160L-6	11	164	8.09	$Y_2$160L-6	11	170	8.29	$Y_2$160L-6	11	174	8.62	$Y_2$160L-6	11
				161	9.63	$Y_2$180L-6	15	167	9.85	$Y_2$180L-6	15	172	10.1	$Y_2$180L-6	15

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed

N=950r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
280-43	0.5	140	1.72	$Y_2$112M-6	2.2	150	1.72	$Y_2$112M-6	2.2	154	1.72	$Y_3$112M-6	2.2
	1.0	123	3.08	$Y_2$132M_1-6	4.0	141	3.08	$Y_2$132M_1-6	4.0	149	3.08	$Y_3$132M_1-6	4.0
	1.5	108	4.43	$Y_2$160M-6	7.5	132	4.43	$Y_2$160M-6	7.5	144	4.43	$Y_3$160M-6	7.5
	2.0	93.7	5.78	$Y_2$160M-6	7.5	123	5.78	$Y_2$160M-6	7.5	140	5.78	$Y_3$160M-6	7.5
	2.5					115	7.12	$Y_2$160L-6	11	135	7.13	$Y_3$160L-6	11
	3.0									131	8.48	$Y_3$160L-6	11
	3.5												
	4.0												
280-46	0.5	163	1.90	$Y_2$132S-6	3.0	171	1.90	$Y_2$132S-6	3.0	177	1.90	$Y_3$132S-6	3.0
	1.0	146	3.43	$Y_2$132M_2-6	5.5	161	3.43	$Y_2$132M_2-6	5.5	171	3.43	$Y_3$132M_2-6	5.5
	1.5	129	4.95	$Y_2$160M-6	7.5	153	4.95	$Y_2$160M-6	7.5	166	4.95	$Y_3$160M-6	7.5
	2.0	115	6.48	$Y_2$160L-6	11	144	6.48	$Y_2$160L-6	11	161	6.48	$Y_3$160L-6	11
	2.5					136	8.03	$Y_2$160L-6	11	156	8.03	$Y_3$160L-6	11
	3.0									152	9.56	$Y_3$180L-6	15
	3.5												
	4.0												
280-50	0.5	176	2.06	$Y_2$132S-6	3.0	189	2.14	$Y_2$132S-6	3.0	195	2.25	$Y_3$132S-6	3.0
	1.0	170	3.53	$Y_2$132M_1-6	4.0	182	3.86	$Y_2$132M_1-6	4.0	190	4.01	$Y_3$132M_1-6	4.0
	1.5	163	5.11	$Y_2$160M-6	7.5	176	5.42	$Y_2$160M-6	7.5	186	5.72	$Y_3$160M-6	7.5
	2.0					170	7.16	$Y_2$160L-6	11	181	7.48	$Y_3$160L-6	11
	2.5									177	9.24	$Y_3$160L-6	11
	3.0												
* 280-54	0.5	210	2.40	$Y_2$132S-6	3.0	225	2.40	$Y_2$132S-6	3.0	233	2.40	$Y_3$132S-6	3.0
	1.0	183	4.45	$Y_2$160M-6	7.5	210	4.45	$Y_2$160M-6	7.5	224	4.45	$Y_3$160M-6	7.5
	1.5					195	6.48	$Y_2$160L-6	11	217	6.48	$Y_3$160L-6	11
	2.0									209	8.53	$Y_3$160L-6	11
	2.5												
	3.0												
440-36	0.5	182	2.07	$Y_2$132S-6	3.0	191	2.07	$Y_2$132S-6	3.0	196	2.07	$Y_3$132S-6	3.0
	1.0	166	3.75	$Y_2$132M_2-6	5.5	182	3.75	$Y_2$132M_2-6	5.5	191	3.75	$Y_3$132M_2-6	5.5
	1.5	151	5.45	$Y_2$160M-6	7.5	173	5.45	$Y_2$160M-6	7.5	186	5.45	$Y_3$160M-6	7.5
	2.0	136	7.05	$Y_2$160L-6	11	165	7.15	$Y_2$160L-6	11	182	7.15	$Y_3$160L-6	11
	2.5									177	8.82	$Y_3$160L-6	11
	3.0									172	10.5	$Y_3$180L-6	15
	3.5												
	4.0												
440-40	0.5	204	2.44	$Y_2$132M_1-6	4.0	214	2.44	$Y_2$132M_1-6	4.0	219	2.44	$Y_3$132M_1-6	4.0
	1.0	186	4.32	$Y_2$132M_2-6	5.5	204	4.32	$Y_2$132M_2-6	5.5	214	4.32	$Y_3$132M_2-6	5.5
	1.5	171	6.20	$Y_2$160M-6	7.5	195	6.20	$Y_2$160M-6	7.5	209	6.20	$Y_3$160M-6	7.5
	2.0	156	8.10	$Y_2$160L-6	11	187	8.10	$Y_2$160L-6	11	204	8.10	$Y_3$160L-6	11
	2.5									199	10.1	$Y_3$180L-6	15
	3.0									195	11.9	$Y_3$180L-6	15
	3.5												
	4.0												
440-42	0.5	217	2.58	$Y_2$132M_1-6	4.0	229	2.65	$Y_2$132M_1-6	4.0	233	2.75	$Y_3$132M_1-6	4.0
	1.0	203	4.53	$Y_2$160M-6	7.5	224	4.62	$Y_2$160M-6	7.5	228	4.86	$Y_3$160M-6	7.5
	1.5	187	6.52	$Y_2$160L-6	11	220	6.74	$Y_2$160L-6	11	222	7.11	$Y_3$160L-6	11
	2.0	170	8.72	$Y_2$160L-6	11	215	9.01	$Y_2$160L-6	11	216	9.36	$Y_3$180L-6	15
	2.5									209	11.4	$Y_3$180L-6	15
	3.0									203	13.2	$Y_3$200L_1-6	18.5
	3.5												
	4.0												
440-46	0.5	260	2.96	$Y_2$132M_1-6	4.0	272	2.96	$Y_2$132M_1-6	4.0	279	2.96	$Y_3$132M_1-6	4.0
	1.0	236	5.36	$Y_2$160M-6	7.5	259	5.36	$Y_2$160M-6	7.5	272	5.36	$Y_3$160M-6	7.5
	1.5	214	7.80	$Y_2$160L-6	11	247	7.80	$Y_2$160L-6	11	265	7.80	$Y_3$160L-6	11
	2.0					235	10.4	$Y_2$180L-6	15	259	10.4	$Y_3$180L-6	15
	2.5									252	12.8	$Y_3$180L-6	15
	3.0												
	3.5												
	4.0												
440-51	0.5	288	3.11	$Y_2$132M_1-6	4.0	308	3.22	$Y_2$132M_1-6	4.0	320	3.41	$Y_3$132M_2-6	5.5
	1.0	251	5.87	$Y_2$160M-6	7.5	299	6.11	$Y_2$160M-6	7.5	309	6.32	$Y_3$160L-6	11
	1.5	217	8.76	$Y_2$160L-6	11	284	9.03	$Y_2$160L-6	11	301	9.25	$Y_3$180L-6	15
	2.0					271	11.4	$Y_2$180L-6	15	289	12.0	$Y_3$180L-6	15
	2.5									278	14.9	$Y_3$200L_1-6	18.5
	3.0												
	3.5												

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed

N=950r/min

Viscosity mm²/s: 75				150				360				780			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
156	1.84	$Y_2$132S-6	3.0	157	2.02	$Y_2$132S-6	3.0	158	2.35	$Y_2$132S-6	3.0	160	2.80	$Y_2$132M_1-6	4.0
152	3.20	$Y_2$132M_1-6	4.0	155	3.36	$Y_2$132M_2-6	5.5	156	3.69	$Y_2$132M_2-6	5.5	159	4.15	$Y_2$132M_2-6	5.5
149	4.55	$Y_2$160M-6	7.5	152	4.72	$Y_2$160M-6	7.5	155	5.05	$Y_2$160M-6	7.5	157	5.50	$Y_2$160M-6	7.5
146	5.88	$Y_2$160M-6	7.5	149	6.07	$Y_2$160M-6	7.5	153	6.40	$Y_2$160L-6	11	156	6.59	$Y_2$160L-6	11
143	7.25	$Y_2$160L-6	11	147	7.42	$Y_2$160L-6	11	151	7.74	$Y_2$160L-6	11	155	8.20	$Y_2$160L-6	11
140	8.58	$Y_2$160L-6	11	145	8.76	$Y_2$160L-6	11	150	9.09	$Y_2$160L-6	11	153	9.55	$Y_2$180L-6	15
137	9.95	$Y_2$160L-6	11	143	10.1	$Y_2$180L-6	15	148	10.4	$Y_2$180L-6	15	152	10.9	$Y_2$180L-6	15
134	11.5	$Y_2$180L-6	15	140	11.6	$Y_2$180L-6	15	147	11.8	$Y_2$180L-6	15	151	12.2	$Y_2$180L-6	15
178	2.02	$Y_2$132S-6	3.0	179	2.19	$Y_2$132S-6	3.0	180	2.52	$Y_2$132M_1-6	4.0	182	2.98	$Y_2$132M_1-6	4.0
174	3.56	$Y_2$132M_2-6	5.5	176	3.72	$Y_2$132M_2-6	5.5	179	4.06	$Y_2$132M_2-6	5.5	180	4.52	$Y_2$160M-6	7.5
171	5.08	$Y_2$160M-6	7.5	174	5.25	$Y_2$160M-6	7.5	177	5.58	$Y_2$160M-6	7.5	179	6.04	$Y_2$160M-6	7.5
167	6.60	$Y_2$160L-6	11	171	6.78	$Y_2$160L-6	11	176	7.13	$Y_2$160L-6	11	178	7.58	$Y_2$160L-6	11
164	8.14	$Y_2$160L-6	11	169	8.32	$Y_2$160L-6	11	174	8.65	$Y_2$160L-6	11	176	9.12	$Y_2$160L-6	11
161	9.68	$Y_2$180L-6	15	166	9.85	$Y_2$180L-6	15	172	10.2	$Y_2$180L-6	15	175	10.6	$Y_2$180L-6	15
158	11.4	$Y_2$180L-6	15	164	11.5	$Y_2$180L-6	15	170	11.7	$Y_2$180L-6	15	174	12.2	$Y_2$180L-6	15
155	12.9	$Y_2$180L-6	15	162	13.1	$Y_2$200L_1-6	18.5	168	13.4	$Y_2$200L_1-6	18.5	173	13.7	$Y_2$200L_1-6	18.5
198	2.36	$Y_2$132S-6	3.0	200	2.51	$Y_2$132M_1-6	4.0	201	2.75	$Y_2$132M_1-6	4.0	203	3.28	$Y_2$132M_2-6	5.5
194	4.11	$Y_2$132M_2-6	5.5	195	4.32	$Y_2$132M_2-6	5.5	197	4.61	$Y_2$160M-6	7.5	200	5.09	$Y_2$160M-6	7.5
190	5.89	$Y_2$160M-6	7.5	194	6.01	$Y_2$160M-6	7.5	196	6.41	$Y_2$160L-6	11	197	6.83	$Y_2$160L-6	11
185	7.74	$Y_2$160L-6	11	189	7.88	$Y_2$160L-6	11	192	8.22	$Y_2$160L-6	11	193	8.77	$Y_2$160L-6	11
180	9.43	$Y_2$180L-6	15	184	9.62	$Y_2$180L-6	15	187	10.1	$Y_2$180L-6	15	189	10.6	$Y_2$180L-6	15
176	11.2	$Y_2$180L-6	15	180	11.6	$Y_2$180L-6	15	182	11.9	$Y_2$180L-6	15	184	12.5	$Y_2$180L-6	15
236	2.54	$Y_2$132M_1-6	4.0	238	2.70	$Y_2$132M_1-6	4.0	239	3.05	$Y_2$132M_1-6	4.0	240	3.50	$Y_2$132M_2-6	5.5
230	4.56	$Y_2$160M-6	7.5	233	4.74	$Y_2$160M-6	7.5	236	5.08	$Y_2$160M-6	7.5	238	5.54	$Y_2$160M-6	7.5
224	6.60	$Y_2$160L-6	11	229	6.77	$Y_2$160L-6	11	233	7.12	$Y_2$160L-6	11	236	7.56	$Y_2$160L-6	11
219	8.65	$Y_2$160L-6	11	225	8.82	$Y_2$160L-6	11	231	9.15	$Y_2$160L-6	11	234	9.60	$Y_2$180L-6	15
214	10.7	$Y_2$180L-6	15	221	10.8	$Y_2$180L-6	15	228	11.2	$Y_2$180L-6	15	232	11.7	$Y_2$180L-6	15
198	2.20	$Y_2$132S-6	3.0	199	2.36	$Y_2$132S-6	3.0	200	2.71	$Y_2$132M_1-6	4.0	201	3.19	$Y_2$132M_1-6	4.0
194	3.89	$Y_2$132M_2-6	5.5	196	4.05	$Y_2$132M_2-6	5.5	198	4.40	$Y_2$132M_2-6	5.5	199	4.88	$Y_2$160M-6	7.5
191	5.58	$Y_2$160M-6	7.5	193	5.74	$Y_2$160M-6	7.5	196	6.08	$Y_2$160M-6	7.5	198	6.57	$Y_2$160L-6	11
187	7.28	$Y_2$160L-6	11	191	7.42	$Y_2$160L-6	11	195	7.77	$Y_2$160L-6	11	196	8.26	$Y_2$160L-6	11
184	8.96	$Y_2$160L-6	11	189	9.10	$Y_2$160L-6	11	193	9.45	$Y_2$180L-6	15	195	9.94	$Y_2$180L-6	15
182	10.7	$Y_2$180L-6	15	186	10.8	$Y_2$180L-6	15	191	11.1	$Y_2$180L-6	15	194	11.6	$Y_2$180L-6	15
179	12.3	$Y_2$180L-6	15	184	12.5	$Y_2$180L-6	15	190	12.8	$Y_2$180L-6	15	193	13.3	$Y_2$200L_1-6	18.5
176	14.1	$Y_2$200L_1-6	18.5	182	14.2	$Y_2$200L_1-6	18.5	189	14.6	$Y_2$200L_1-6	18.5	192	15.1	$Y_2$200L_1-6	18.5
221	2.62	$Y_2$132M_1-6	4.0	222	2.85	$Y_2$132M_1-6	4.0	223	3.35	$Y_2$132M_2-6	5.5	224	4.05	$Y_2$132M_2-6	5.5
218	4.50	$Y_2$160M-6	7.5	219	4.75	$Y_2$160M-6	7.5	221	5.24	$Y_2$160M-6	7.5	222	5.49	$Y_2$160M-6	7.5
214	6.40	$Y_2$160L-6	11	217	6.64	$Y_2$160L-6	11	219	7.12	$Y_2$160L-6	11	221	7.83	$Y_2$160L-6	11
210	8.30	$Y_2$160L-6	11	214	8.52	$Y_2$160L-6	11	218	9.02	$Y_2$160L-6	11	220	9.72	$Y_2$180L-6	15
207	10.3	$Y_2$180L-6	15	212	10.4	$Y_2$180L-6	15	216	11.0	$Y_2$180L-6	15	218	11.8	$Y_2$180L-6	15
204	12.1	$Y_2$180L-6	15	209	12.3	$Y_2$180L-6	15	214	12.8	$Y_2$180L-6	15	217	13.6	$Y_2$200L_1-6	18.5
201	13.9	$Y_2$200L_1-6	18.5	207	14.2	$Y_2$200L_1-6	18.5	213	14.7	$Y_2$200L_1-6	18.5	216	15.4	$Y_2$200L_1-6	18.5
197	15.9	$Y_2$200L_1-6	18.5	205	16.1	$Y_2$200L_2-6	22	211	16.6	$Y_2$200L_2-6	22	215	17.3	$Y_2$200L_2-6	22
236	2.86	$Y_2$132M_1-6	4.0	238	3.11	$Y_2$132M_1-6	4.0	240	3.61	$Y_2$132M_2-6	5.5	241	4.30	$Y_2$132M_2-6	5.5
232	5.03	$Y_2$160M-6	7.5	232	5.27	$Y_2$160M-6	7.5	233	5.75	$Y_2$160M-6	7.5	234	6.31	$Y_2$160M-6	7.5
229	7.31	$Y_2$160L-6	11	230	7.53	$Y_2$160L-6	11	232	7.96	$Y_2$160L-6	11	233	8.78	$Y_2$160L-6	11
226	9.68	$Y_2$180L-6	15	227	9.95	$Y_2$180L-6	15	229	10.2	$Y_2$180L-6	15	230	10.9	$Y_2$180L-6	15
222	11.7	$Y_2$180L-6	15	223	12.0	$Y_2$180L-6	15	224	12.5	$Y_2$180L-6	15	226	12.9	$Y_2$180L-6	15
217	13.7	$Y_2$200L_1-6	18.5	219	14.1	$Y_2$200L_1-6	18.5	220	14.4	$Y_2$200L_1-6	18.5	222	15.2	$Y_2$200L_1-6	18.5
211	15.8	$Y_2$200L_1-6	18.5	213	16.1	$Y_2$200L_1-6	18.5	215	16.6	$Y_2$200L_2-6	22	217	17.3	$Y_2$200L_2-6	22
208	18.1	$Y_2$200L_2-6	22	210	18.4	$Y_2$200L_2-6	22	211	18.8	$Y_2$200L_2-6	22	213	19.6	$Y_2$225M-6	30
282	3.15	$Y_2$132M_1-6	4.0	284	3.38	$Y_2$132M_2-6	5.5	286	3.88	$Y_2$132M_2-6	5.5	287	4.56	$Y_2$160M-6	7.5
277	5.56	$Y_2$160M-6	7.5	280	5.79	$Y_2$160M-6	7.5	282	6.28	$Y_2$160L-6	11	285	6.98	$Y_2$160L-6	11
272	7.99	$Y_2$160L-6	11	276	8.21	$Y_2$160L-6	11	281	8.70	$Y_2$160L-6	11	283	9.40	$Y_2$180L-6	15
267	10.6	$Y_2$180L-6	15	273	10.7	$Y_2$180L-6	15	279	11.3	$Y_2$180L-6	15	281	12.0	$Y_2$180L-6	15
263	13.0	$Y_2$180L-6	15	269	12.1	$Y_2$180L-6	15	276	13.6	$Y_2$200L_1-6	18.5	279	14.3	$Y_2$200L_1-6	18.5
259	15.3	$Y_2$200L_1-6	18.5	266	15.5	$Y_2$200L_1-6	18.5	274	15.9	$Y_2$200L_1-6	18.5	278	16.6	$Y_2$200L_2-6	22
254	17.7	$Y_2$200L_2-6	22	263	17.9	$Y_2$200L_2-6	22	272	18.3	$Y_2$200L_2-6	22	276	19.0	$Y_2$200L_2-6	22
250	20.2	$Y_2$225M-6	30	260	20.5	$Y_2$225M-6	30	270	20.8	$Y_2$225M-6	30	275	21.5	$Y_2$225M-6	30
325	3.66	$Y_2$132M_2-6	5.5	327	3.82	$Y_2$132M_2-6	5.5	330	4.31	$Y_2$132M_2-6	5.5	333	5.12	$Y_2$160M-6	7.5
319	6.58	$Y_2$160L-6	11	323	6.73	$Y_2$160L-6	11	325	7.22	$Y_2$160L-6	11	326	7.97	$Y_2$160L-6	11
312	9.53	$Y_2$180L-6	15	315	9.61	$Y_2$180L-6	15	318	10.1	$Y_2$180L-6	15	320	10.8	$Y_2$180L-6	15
304	12.3	$Y_2$180L-6	15	308	12.4	$Y_2$180L-6	15	311	12.9	$Y_2$180L-6	15	313	13.6	$Y_2$200L_1-6	18.5
296	15.2	$Y_2$200L_1-6	18.5	299	15.3	$Y_2$200L_1-6	18.5	302	15.7	$Y_2$200L_1-6	18.5	304	16.6	$Y_2$200L_2-6	22
288	17.9	$Y_2$200L_2-6	22	291	18.2	$Y_2$200L_2-6	22	294	18.6	$Y_2$200L_2-6	22	295	19.3	$Y_2$225M-6	30
				284	20.9	$Y_2$225M-6	30	286	21.5	$Y_2$225M-6	30	287	22.4	$Y_2$225M-6	30

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=950**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	12 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	40 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
* 440-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	332 295	3.70 6.90	Y_2132M_2-6 Y_2160L-6	5.5 11	353 331 312	3.70 6.90 10.1	Y_2132M_2-6 Y_2160L-6 Y_2180L-6	5.5 11 15	364 352 341 331	3.70 6.90 10.1 13.4	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6	5.5 11 15 18.5
660-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	263 256 251	2.78 5.02 7.31	Y_2132M_1-6 Y_2160M-6 Y_2160L-6	4.0 7.5 11	271 264 259 254	2.98 5.26 7.74 10.3	Y_2132M_1-6 Y_2160M-6 Y_2160L-6 Y_2180L-6	4.0 7.5 11 15	278 272 267 262 257 252	3.01 5.44 7.91 10.5 12.9 15.1	Y_2132M_1-6 Y_2160M-6 Y_2160L-6 Y_2180L-6 Y_2180L-6 Y_2200L_1-6	4.0 7.5 11 15 15 18.5
660-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	324 300 279	3.74 6.66 9.58	Y_2132M_2-6 Y_2160L-6 Y_2180L-6	5.5 11 15	335 324 312 300	3.74 6.66 9.58 12.6	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2180L-6	5.5 11 15 15	342 335 329 322 316 310	3.74 6.66 9.58 12.6 15.6 18.4	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6	5.5 11 15 15 18.5 22
660-44	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	360 328 300	4.10 7.44 10.8	Y_2132M_2-6 Y_2160L-6 Y_2180L-6	5.5 11 15	377 359 343 327	4.10 7.44 10.8 14.1	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6	5.5 11 15 18.5	386 377 367 359 351 342	4.10 7.44 10.8 14.1 17.5 20.9	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6 Y_2225M-6	5.5 11 15 18.5 22 30
660-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	392 361 332	4.40 7.98 11.7	Y_2132M_2-6 Y_2160L-6 Y_2180L-6	5.5 11 15	409 392 376 360	4.40 7.98 11.7 15.3	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6	5.5 11 15 18.5	419 409 400 392 383 375	4.40 7.98 11.7 15.3 18.8 22.5	Y_2132M_2-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6 Y_2225M-6	5.5 11 15 18.5 22 30
660-51	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	450 400 354	4.87 9.01 13.3	Y_2160M-6 Y_2160L-6 Y_2200L_1-6	7.5 11 18.5	476 448 423 397	5.03 9.21 13.5 17.6	Y_2160M-6 Y_2160L-6 Y_2200L_1-6 Y_2200L_2-6	7.5 11 18.5 22	493 476 461 448 435 422	5.18 9.48 13.7 18.0 22.4 26.7	Y_2160M-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6 Y_2225M-6 Y_2250M-6	7.5 15 18.5 22 30 37
* 660-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	521 470	5.65 10.6	Y_2160M-6 Y_2180L-6	7.5 15	548 521 493	5.65 10.6 15.4	Y_2160M-6 Y_2180L-6 Y_2200L_1-6	7.5 15 18.5	563 547 534 519	5.65 10.6 15.4 20.4	Y_2160M-6 Y_2180L-6 Y_2200L_1-6 Y_2225M-6	7.5 15 18.5 30
940-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	415 404 392 378	4.51 8.11 12.1 15.9	Y_2160M-6 Y_2160L-6 Y_2180L-6 Y_2200L_1-6	7.5 11 15 18.5	431 423 414 403	4.62 8.35 12.4 16.3	Y_2160M-6 Y_2160L-6 Y_2180L-6 Y_2200L_2-6	7.5 11 15 22	443 433 422 414 405 394	4.73 8.87 12.8 16.7 19.8 24.8	Y_2160M-6 Y_2160L-6 Y_2180L-6 Y_2200L_2-6 Y_2225M-6 Y_2225M-6	7.5 11 15 22 30 30
940-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	462 421 384 349	5.40 9.68 14.0 18.3	Y_2160M-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6	7.5 15 18.5 22	484 461 440 420	5.40 9.68 14.0 18.3	Y_2160M-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6	7.5 15 18.5 22	496 483 472 460 450 440	5.40 9.68 14.0 18.3 22.6 26.8	Y_2160M-6 Y_2180L-6 Y_2200L_1-6 Y_2200L_2-6 Y_2225M-6 Y_2250M-6	7.5 15 18.5 22 30 37

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=950**r/min

Viscosity mm²/s: 75 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	150 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	380 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	760 — Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
368	3.90	Y_2132M_2-6	5.5	371	4.14	Y_2132M_2-6	5.5	374	4.65	Y_2160M-6	7.5	376	5.33	Y_2160M-6	7.5
360	7.07	Y_2160L-6	11	365	7.29	Y_2160L-6	11	370	7.80	Y_2160L-6	11	372	8.50	Y_2160L-6	11
354	10.3	Y_2180L-6	15	358	10.5	Y_2180L-6	15	365	11.0	Y_2180L-6	15	370	11.6	Y_2180L-6	15
345	13.5	Y_2200L_1-6	18.5	354	13.6	Y_2200L_1-6	18.5	361	14.2	Y_2200L_1-6	18.5	366	14.8	Y_2200L_1-6	18.5
338	16.7	Y_2200L_2-6	22	348	16.8	Y_2200L_2-6	22	358	17.3	Y_2200L_2-6	22	363	18.1	Y_2200L_2-6	22
				342	20.1	Y_2225M-6	30	354	20.5	Y_2225M-6	30	360	21.1	Y_2225M-6	30
				337	23.3	Y_2225M-6	30	350	23.8	Y_2225M-6	30	358	24.3	Y_2225M-6	30
283	3.21	Y_2132M_1-6	4.0	285	3.47	Y_2132M_2-6	5.5	287	3.99	Y_2132M_2-6	5.5	288	4.74	Y_2160M-6	7.5
279	5.67	Y_2160M-6	7.5	281	5.92	Y_2160M-6	7.5	283	6.42	Y_2160L-6	11	284	7.11	Y_2160L-6	11
276	8.14	Y_2160L-6	11	277	8.42	Y_2160L-6	11	279	8.91	Y_2160L-6	11	280	9.56	Y_2180L-6	15
273	10.7	Y_2180L-6	15	275	10.8	Y_2180L-6	15	276	11.4	Y_2180L-6	15	278	12.2	Y_2180L-6	15
269	13.2	Y_2200L_1-6	18.5	270	13.3	Y_2200L_1-6	18.5	271	13.7	Y_2200L_1-6	18.5	273	14.5	Y_2200L_1-6	18.5
265	15.4	Y_2200L_1-6	18.5	267	15.6	Y_2200L_1-6	18.5	269	16.1	Y_2200L_1-6	18.5	270	16.7	Y_2200L_2-6	22
261	17.7	Y_2200L_2-6	22	263	18.1	Y_2200L_2-6	22	264	18.5	Y_2200L_2-6	22	265	19.2	Y_2200L_2-6	22
255	20.1	Y_2225M-6	30	257	20.4	Y_2225M-6	30	259	20.9	Y_2225M-6	30	261	21.7	Y_2225M-6	30
345	3.98	Y_2132M_2-6	5.5	347	4.32	Y_2132M_2-6	5.5	348	5.05	Y_2160M-6	7.5	350	6.03	Y_2160M-6	7.5
340	6.92	Y_2160L-6	11	343	7.26	Y_2160L-6	11	345	7.99	Y_2160L-6	11	348	8.97	Y_2160L-6	11
335	9.86	Y_2180L-6	15	339	10.2	Y_2180L-6	15	343	10.9	Y_2180L-6	15	346	11.9	Y_2180L-6	15
331	12.8	Y_2180L-6	15	336	13.1	Y_2200L_1-6	18.5	341	13.9	Y_2200L_1-6	18.5	344	14.8	Y_2200L_1-6	18.5
326	15.8	Y_2200L_1-6	18.5	333	16.2	Y_2200L_2-6	22	338	16.8	Y_2200L_2-6	22	343	17.8	Y_2200L_2-6	22
322	18.7	Y_2200L_2-6	22	329	19.0	Y_2200L_2-6	22	336	19.7	Y_2225M-6	30	341	20.7	Y_2225M-6	30
318	21.6	Y_2225M-6	30	326	21.9	Y_2225M-6	30	334	22.7	Y_2225M-6	30	339	23.7	Y_2225M-6	30
314	24.6	Y_2225M-6	30	323	24.9	Y_2225M-6	30	332	25.6	Y_2225M-6	30	338	26.6	Y_2250M-6	37
390	4.38	Y_2132M_2-6	5.5	392	4.71	Y_2160M-6	7.5	394	5.46	Y_2160M-6	7.5	396	6.44	Y_2160L-6	11
383	7.70	Y_2160L-6	11	387	8.04	Y_2160L-6	11	390	8.80	Y_2160L-6	11	392	9.76	Y_2180L-6	15
376	11.1	Y_2180L-6	15	382	11.5	Y_2180L-6	15	387	12.1	Y_2180L-6	15	390	13.1	Y_2200L_1-6	18.5
370	14.4	Y_2200L_1-6	18.5	377	14.7	Y_2200L_1-6	18.5	384	15.5	Y_2200L_1-6	18.5	387	16.5	Y_2200L_2-6	22
364	17.8	Y_2200L_2-6	22	373	18.1	Y_2200L_2-6	22	381	18.8	Y_2200L_2-6	22	385	19.7	Y_2225M-6	30
359	21.0	Y_2225M-6	30	368	21.4	Y_2225M-6	30	378	22.1	Y_2225M-6	30	383	23.1	Y_2225M-6	30
352	24.5	Y_2225M-6	30	364	24.7	Y_2225M-6	30	376	25.4	Y_2225M-6	30	381	26.4	Y_2250M-6	37
346	27.9	Y_2250M-6	37	360	28.2	Y_2250M-6	37	372	28.8	Y_2250M-6	37	379	29.7	Y_2250M-6	37
423	4.67	Y_2160M-6	7.5	426	4.98	Y_2160M-6	7.5	427	5.74	Y_2160M-6	7.5	428	6.73	Y_2160L-6	11
416	8.28	Y_2160L-6	11	420	8.58	Y_2160L-6	11	423	9.34	Y_2180L-6	15	425	10.4	Y_2180L-6	15
409	12.0	Y_2180L-6	15	415	12.2	Y_2180L-6	15	420	13.0	Y_2180L-6	15	423	14.1	Y_2200L_1-6	18.5
403	15.6	Y_2200L_1-6	18.5	410	15.8	Y_2200L_1-6	18.5	418	16.6	Y_2200L_2-6	22	420	17.6	Y_2200L_2-6	22
397	19.2	Y_2225M-6	30	405	19.4	Y_2225M-6	30	414	20.3	Y_2225M-6	30	418	21.3	Y_2225M-6	30
391	22.7	Y_2225M-6	30	401	23.0	Y_2225M-6	30	411	23.8	Y_2225M-6	30	416	24.7	Y_2225M-6	30
385	26.4	Y_2250M-6	37	397	26.6	Y_2250M-6	37	408	27.3	Y_2250M-6	37	413	28.3	Y_2250M-6	37
380	30.0	Y_2250M-6	37	392	30.4	Y_2250M-6	37	405	30.9	Y_2250M-6	37	411	31.9	Y_2250M-6	37
498	5.61	Y_2160M-6	7.5	502	5.76	Y_2160M-6	7.5	505	6.53	Y_2160L-6	11	506	7.56	Y_2160L-6	11
486	9.73	Y_2180L-6	15	493	10.1	Y_2180L-6	15	499	10.8	Y_2180L-6	15	501	11.8	Y_2180L-6	15
477	14.1	Y_2200L_1-6	18.5	485	14.3	Y_2200L_1-6	18.5	494	15.1	Y_2200L_1-6	18.5	498	16.1	Y_2200L_1-6	18.5
467	18.3	Y_2200L_2-6	22	478	18.6	Y_2200L_2-6	22	489	19.4	Y_2225M-6	30	494	20.4	Y_2225M-6	30
458	22.6	Y_2225M-6	30	470	22.9	Y_2225M-6	30	484	23.7	Y_2225M-6	30	490	24.6	Y_2225M-6	30
447	26.8	Y_2250M-6	37	464	27.2	Y_2250M-6	37	479	27.9	Y_2250M-6	37	487	28.9	Y_2250M-6	37
439	31.1	Y_2250M-6	37	457	31.5	Y_2250M-6	37	474	32.2	Y_2250M-6	37	482	33.2	Y_2280S-6	45
431	35.4	Y_2280S-6	45	450	35.8	Y_2280S-6	45	470	36.5	Y_2280S-6	45	480	37.5	Y_2280S-6	45
569	5.93	Y_2160M-6	7.5	572	6.25	Y_2160M-6	7.5	576	6.98	Y_2160L-6	11	578	7.98	Y_2160L-6	11
558	10.8	Y_2180L-6	15	565	11.1	Y_2180L-6	15	570	11.8	Y_2180L-6	15	573	12.8	Y_2180L-6	15
548	15.6	Y_2200L_1-6	18.5	556	16.0	Y_2200L_1-6	18.5	565	16.8	Y_2200L_2-6	22	569	17.8	Y_2200L_2-6	22
539	20.6	Y_2225M-6	30	550	20.8	Y_2225M-6	30	560	21.6	Y_2225M-6	30	565	22.6	Y_2225M-6	30
528	25.5	Y_2225M-6	30	542	25.7	Y_2225M-6	30	554	26.5	Y_2250M-6	37	561	27.4	Y_2250M-6	37
				534	30.7	Y_2250M-6	37	549	31.3	Y_2250M-6	37	558	32.3	Y_2280S-6	45
				527	35.6	Y_2280S-6	45	544	36.3	Y_2280S-6	45	554	37.1	Y_2280S-6	45
448	5.21	Y_2160M-6	7.5	450	5.44	Y_2160M-6	7.5	452	6.28	Y_2160M-6	7.5	453	7.22	Y_2160L-6	11
444	9.01	Y_2160L-6	11	446	9.43	Y_2180L-6	15	448	10.2	Y_2180L-6	15	450	11.8	Y_2180L-6	15
441	13.2	Y_2200L_1-6	18.5	443	13.4	Y_2200L_1-6	18.5	445	14.3	Y_2200L_1-6	18.5	446	15.3	Y_2200L_1-6	18.5
438	17.2	Y_2200L_2-6	22	440	17.4	Y_2200L_2-6	22	441	18.1	Y_2200L_2-6	22	442	19.1	Y_2200L_2-6	22
436	21.1	Y_2225M-6	30	437	21.3	Y_2225M-6	30	438	22.1	Y_2225M-6	30	439	23.2	Y_2225M-6	30
433	24.9	Y_2225M-6	30	434	25.2	Y_2225M-6	30	435	25.6	Y_2225M-6	30	437	26.9	Y_2250M-6	37
430	28.9	Y_2250M-6	37	431	29.3	Y_2250M-6	37	432	29.9	Y_2250M-6	37	434	30.4	Y_2250M-6	37
427	32.9	Y_2280S-6	45	428	33.3	Y_2280S-6	45	429	33.8	Y_2280S-6	45	430	34.9	Y_2280S-6	45
501	5.78	Y_2160M-6	7.5	504	6.22	Y_2160M-6	7.5	506	7.26	Y_2160L-6	11	509	8.59	Y_2160L-6	11
492	10.1	Y_2180L-6	15	497	10.5	Y_2180L-6	15	501	11.6	Y_2180L-6	15	505	12.9	Y_2180L-6	15
483	14.5	Y_2200L_1-6	18.5	490	14.8	Y_2200L_1-6	18.5	497	15.9	Y_2200L_1-6	18.5	502	17.2	Y_2200L_2-6	22
476	18.7	Y_2200L_2-6	22	484	19.0	Y_2200L_2-6	22	493	20.2	Y_2225M-6	30	499	21.5	Y_2225M-6	30
468	23.0	Y_2225M-6	30	479	23.3	Y_2225M-6	30	490	24.4	Y_2225M-6	30	496	25.7	Y_2225M-6	30
462	27.1	Y_2250M-6	37	473	27.6	Y_2250M-6	37	486	28.6	Y_2250M-6	37	493	29.9	Y_2250M-6	37
454	31.4	Y_2250M-6	37	467	31.9	Y_2250M-6	37	482	32.9	Y_2280S-6	45	490	34.2	Y_2280S-6	45
446	35.9	Y_2280S-6	45	462	36.1	Y_2280S-6	45	479	37.2	Y_2280S-6	45	487	38.5	Y_2280S-6	45

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=950**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3 Flow Q (l/min)	3 Shaft Power W(kw)	3 Motor Type	3 Motor Power W(kw)	12 Flow Q (l/min)	12 Shaft Power W(kw)	12 Motor Type	12 Motor Power W(kw)	40 Flow Q (l/min)	40 Shaft Power W(kw)	40 Motor Type	40 Motor Power W(kw)
940-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	565 524 487	6.28 11.5 16.5	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6	11 15 22	588 564 543 524	6.28 11.5 16.5 21.6	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6	11 15 22 30	600 586 575 563 553 542	6.28 11.5 16.5 21.6 26.7 32.1	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$250M-6	11 15 22 30 37 37
* 940-50	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	620 555 495	6.96 12.8 18.6	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6	11 15 22	655 618 586 552	6.96 12.8 18.6 24.5	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6	11 15 22 30	676 655 634 617 600	6.96 12.8 18.6 24.5 30.5	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6 $Y_2$250M-6	11 15 22 30 37
* 940-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	738	7.95	$Y_2$160L-6	11	773 736	7.95 14.8	$Y_2$160L-6 $Y_2$200L$_1$-6	11 18.5	793 772 754	7.95 14.8 21.6	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6	11 18.5 30
1300-38	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	562 525 490	6.59 11.6 16.7	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6	11 15 22	581 560 542 522	6.59 11.6 16.7 21.9	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6	11 15 22 30	592 582 570 561 551 540	6.59 11.6 16.7 21.9 26.8 31.9	$Y_2$160L-6 $Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$250M-6	11 15 22 30 37 37
1300-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	663 612 565	7.60 13.6 19.8	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6	11 18.5 30	691 662 635 611	7.60 13.6 19.8 25.9	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6 $Y_2$225M-6	11 18.5 30 30	706 690 675 661 647 633	7.60 13.6 19.8 25.9 31.9 38.1	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$280S-6	11 18.5 30 30 37 45
1300-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	782 731 683	8.60 15.8 22.7	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6	11 18.5 30	808 780 754 729	8.60 15.8 22.7 29.8	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6 $Y_2$250M-6	11 18.5 30 37	824 808 793 779 766 753	8.60 15.8 22.7 29.8 36.8 43.9	$Y_2$160L-6 $Y_2$200L$_1$-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$280S-6 $Y_2$280M-6	11 18.5 30 37 45 55
* 1300-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	1022 940	11.0 20.4	$Y_2$180L-6 $Y_2$225M-6	15 30	1066 1020 977	11.0 20.4 29.7	$Y_2$180L-6 $Y_2$225M-6 $Y_2$250M-6	15 30 37	1092 1066 1044 1020	11.0 20.4 29.7 39.2	$Y_2$180L-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$280S-6	15 30 37 45
1700-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	894 831 773 718	10.4 18.4 26.5 34.6	$Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$250M-6 $Y_2$280S-6	15 22 37 45	928 893 860 830 800 772	10.4 18.4 26.5 34.6 42.8 50.8	$Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$250M-6 $Y_2$280S-6 $Y_2$280M-6 $Y_2$315S-6	15 22 37 45 55 75	947 928 909 892 875 860 844	10.4 18.4 26.5 34.6 42.8 50.8 58.9	$Y_2$180L-6 $Y_2$200L$_2$-6 $Y_2$250M-6 $Y_2$280S-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6	15 22 37 45 55 75 75

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=950**r/min

Viscosity mm²/s: 75 Flow Q (l/min)	75 Shaft Power W(kw)	75 Motor Type	75 Motor Power W(kw)	150 Flow Q (l/min)	150 Shaft Power W(kw)	150 Motor Type	150 Motor Power W(kw)	380 Flow Q (l/min)	380 Shaft Power W(kw)	380 Motor Type	380 Motor Power W(kw)	760 Flow Q (l/min)	760 Shaft Power W(kw)	760 Motor Type	760 Motor Power W(kw)
604	6.65	$Y_2$160L-6	11	606	7.08	$Y_2$160L-6	11	609	8.12	$Y_2$160L-6	11	611	9.45	$Y_2$180L-6	15
595	11.8	$Y_2$180L-6	15	600	12.2	$Y_2$180L-6	15	604	13.3	$Y_2$200L$_1$-6	18.5	608	14.6	$Y_2$200L$_1$-6	18.5
586	17.0	$Y_2$200L$_2$-6	22	593	17.3	$Y_2$200L$_2$-6	22	600	18.4	$Y_2$200L$_2$-6	22	605	19.8	$Y_2$225M-6	30
578	22.1	$Y_2$225M-6	30	587	22.5	$Y_2$225M-6	30	596	23.5	$Y_2$225M-6	30	601	24.8	$Y_2$225M-6	30
572	27.2	$Y_2$250M-6	37	583	27.6	$Y_2$250M-6	37	592	28.8	$Y_2$250M-6	37	598	30.2	$Y_2$250M-6	37
563	32.4	$Y_2$280S-6	45	577	32.7	$Y_2$280S-6	45	588	33.8	$Y_2$280S-6	45	596	35.1	$Y_2$280S-6	45
556	37.5	$Y_2$280S-6	45	570	37.9	$Y_2$280S-6	45	584	38.9	$Y_2$280S-6	45	593	40.2	$Y_2$280M-6	55
549	42.7	$Y_2$280M-6	55	565	43.1	$Y_2$280M-6	55	581	44.0	$Y_2$280M-6	55	590	45.3	$Y_2$280M-6	55
682	7.33	$Y_2$160L-6	11	687	7.78	$Y_2$160L-6	11	692	8.83	$Y_2$160L-6	11	694	10.2	$Y_2$180L-6	15
668	13.2	$Y_2$200L$_1$-6	18.5	676	13.7	$Y_2$200L$_1$-6	18.5	684	14.7	$Y_2$200L$_1$-6	18.5	688	16.0	$Y_2$200L$_1$-6	18.5
655	19.1	$Y_2$200L$_2$-6	22	666	19.5	$Y_2$225M-6	30	677	20.6	$Y_2$225M-6	30	684	21.9	$Y_2$225M-6	30
642	24.9	$Y_2$225M-6	30	656	25.4	$Y_2$225M-6	30	671	26.3	$Y_2$250M-6	37	677	27.8	$Y_2$250M-6	37
630	30.7	$Y_2$250M-6	37	648	31.1	$Y_2$250M-6	37	664	32.2	$Y_2$250M-6	37	672	33.6	$Y_2$280S-6	45
617	36.7	$Y_2$280S-6	45	638	37.0	$Y_2$280S-6	45	657	38.1	$Y_2$280S-6	45	668	39.3	$Y_2$280M-6	55
				629	43.0	$Y_2$280M-6	55	652	43.9	$Y_2$280M-6	55	664	45.2	$Y_2$280M-6	55
				620	48.9	$Y_3$315S-6	75	645	49.9	$Y_3$315S-6	75	658	51.1	$Y_3$315S-6	75
800	8.33	$Y_2$160L-6	11	805	8.75	$Y_2$160L-6	11	810	9.83	$Y_2$180L-6	15	812	11.2	$Y_2$180L-6	15
787	15.2	$Y_2$200L$_1$-6	18.5	794	15.6	$Y_2$200L$_1$-6	18.5	801	16.6	$Y_2$200L$_2$-6	22	806	17.9	$Y_2$200L$_2$-6	22
772	22.1	$Y_2$225M-6	30	784	22.4	$Y_2$225M-6	30	794	23.4	$Y_2$225M-6	30	801	24.8	$Y_2$225M-6	30
760	28.8	$Y_2$250M-6	37	775	29.2	$Y_2$250M-6	37	788	30.4	$Y_2$250M-6	37	796	31.6	$Y_2$250M-6	37
				766	36.1	$Y_2$280S-6	45	781	37.2	$Y_2$280S-6	45	790	38.5	$Y_2$280S-6	45
								776	43.9	$Y_2$280M-6	55	786	45.2	$Y_2$280M-6	55
												782	52.1	$Y_3$315S-6	75
598	7.13	$Y_2$160L-6	11	600	7.68	$Y_2$160L-6	11	603	9.17	$Y_2$160L-6	11	603	10.9	$Y_2$180L-6	15
589	12.2	$Y_2$180L-6	15	593	12.7	$Y_2$180L-6	15	598	14.3	$Y_2$200L$_1$-6	18.5	600	15.9	$Y_2$200L$_1$-6	18.5
582	17.3	$Y_2$200L$_2$-6	22	588	17.8	$Y_2$200L$_2$-6	22	593	19.3	$Y_2$225M-6	30	597	21.1	$Y_2$225M-6	30
574	22.3	$Y_2$225M-6	30	582	22.9	$Y_2$225M-6	30	590	24.4	$Y_2$225M-6	30	595	26.2	$Y_2$250M-6	37
566	27.5	$Y_2$250M-6	37	576	27.9	$Y_2$250M-6	37	586	29.5	$Y_2$250M-6	37	592	31.1	$Y_2$250M-6	37
560	32.5	$Y_2$280S-6	45	572	33.1	$Y_2$280S-6	45	582	34.5	$Y_2$280S-6	45	588	36.2	$Y_2$280S-6	45
554	37.5	$Y_2$280S-6	45	566	38.2	$Y_2$280S-6	45	580	39.6	$Y_2$280M-6	55	585	41.3	$Y_2$280M-6	55
546	42.7	$Y_2$280M-6	55	560	43.2	$Y_2$280M-6	55	577	44.6	$Y_2$280M-6	55	582	46.3	$Y_2$280M-6	55
713	8.14	$Y_2$160L-6	11	717	8.65	$Y_2$160L-6	11	720	10.3	$Y_2$180L-6	15	721	12.0	$Y_2$180L-6	15
701	14.3	$Y_2$200L$_1$-6	18.5	708	14.7	$Y_2$200L$_1$-6	18.5	713	16.4	$Y_2$200L$_2$-6	22	716	18.1	$Y_2$200L$_2$-6	22
690	20.3	$Y_2$225M-6	30	700	20.8	$Y_2$225M-6	30	707	22.5	$Y_2$225M-6	30	712	24.1	$Y_2$225M-6	30
681	26.4	$Y_2$250M-6	37	692	26.8	$Y_2$250M-6	37	702	28.4	$Y_2$250M-6	37	708	30.2	$Y_2$250M-6	37
671	32.6	$Y_2$280S-6	45	685	32.9	$Y_2$280S-6	45	698	34.5	$Y_2$280S-6	45	704	36.3	$Y_2$280S-6	45
662	38.4	$Y_2$280S-6	45	678	39.0	$Y_2$280S-6	45	693	40.5	$Y_2$280M-6	55	702	42.2	$Y_2$280M-6	55
652	44.7	$Y_2$280M-6	55	671	45.0	$Y_2$280M-6	55	689	46.5	$Y_2$280M-6	55	698	48.2	$Y_3$315S-6	75
643	50.7	$Y_2$315S-6	75	663	51.2	$Y_3$315S-6	75	684	52.6	$Y_3$315S-6	75	694	54.3	$Y_3$315S-6	75
830	9.12	$Y_2$160L-6	11	834	9.64	$Y_2$180L-6	15	837	11.4	$Y_2$180L-6	15	840	12.9	$Y_2$180L-6	15
819	16.3	$Y_2$200L$_2$-6	22	826	16.7	$Y_2$200L$_2$-6	22	832	18.3	$Y_2$200L$_2$-6	22	835	20.0	$Y_2$225M-6	30
808	23.3	$Y_2$225M-6	30	818	23.7	$Y_2$225M-6	30	825	25.2	$Y_2$225M-6	30	831	27.1	$Y_2$250M-6	37
797	30.2	$Y_2$250M-6	37	810	30.8	$Y_2$250M-6	37	821	32.4	$Y_2$280S-6	45	827	34.2	$Y_2$280S-6	45
788	37.4	$Y_2$280S-6	45	803	37.8	$Y_2$280S-6	45	816	39.5	$Y_2$280M-6	55	823	40.1	$Y_2$280M-6	55
780	44.3	$Y_2$280M-6	55	796	44.9	$Y_2$280M-6	55	811	46.4	$Y_2$280M-6	55	819	48.2	$Y_3$315S-6	75
770	51.5	$Y_2$315S-6	75	789	51.9	$Y_3$315S-6	75	807	53.4	$Y_3$315S-6	75	816	55.1	$Y_3$315S-6	75
760	58.7	$Y_2$315S-6	75	780	59.2	$Y_3$315S-6	75	802	60.5	$Y_3$315S-6	75	812	62.1	$Y_3$315S-6	75
1102	11.5	$Y_2$180L-6	15	1107	12.1	$Y_2$180L-6	15	1112	13.6	$Y_2$200L$_1$-6	18.5	1115	15.2	$Y_2$200L$_1$-6	18.5
1083	20.8	$Y_2$225M-6	30	1093	21.3	$Y_2$225M-6	30	1102	22.8	$Y_2$225M-6	30	1108	24.6	$Y_2$225M-6	30
1066	30.2	$Y_2$250M-6	37	1081	30.7	$Y_2$250M-6	37	1094	32.4	$Y_2$280S-6	45	1102	33.9	$Y_2$280S-6	45
1050	39.6	$Y_2$280M-6	55	1069	40.1	$Y_2$280M-6	55	1086	41.7	$Y_2$280M-6	55	1095	43.4	$Y_2$280M-6	55
1033	49.2	$Y_2$315S-6	75	1057	49.4	$Y_3$315S-6	75	1077	51.2	$Y_3$315S-6	75	1088	52.7	$Y_3$315S-6	75
				1045	58.8	$Y_3$315S-6	75	1070	60.3	$Y_3$315S-6	75	1083	62.0	$Y_3$315S-6	75
				1033	68.4	$Y_3$315M-6	90	1060	69.9	$Y_3$315M-6	90	1078	71.4	$Y_3$315M-6	90
955	10.9	$Y_2$180L-6	15	962	11.6	$Y_2$180L-6	15	963	13.6	$Y_2$200L$_1$-6	18.5	965	15.8	$Y_2$200L$_1$-6	18.5
941	19.0	$Y_2$200L$_2$-6	22	949	19.6	$Y_2$225M-6	30	956	21.8	$Y_2$225M-6	30	960	23.9	$Y_2$225M-6	30
928	27.2	$Y_2$250M-6	37	939	27.7	$Y_2$250M-6	37	949	29.8	$Y_2$250M-6	37	954	31.9	$Y_2$250M-6	37
916	35.2	$Y_2$280S-6	45	930	35.8	$Y_2$280S-6	45	943	37.8	$Y_2$280S-6	45	950	40.2	$Y_2$280M-6	55
904	43.2	$Y_2$280M-6	55	921	43.9	$Y_2$280M-6	55	936	46.0	$Y_2$280M-6	55	945	48.2	$Y_3$315S-6	75
893	51.3	$Y_2$315S-6	75	911	52.0	$Y_3$315S-6	75	930	54.0	$Y_3$315S-6	75	940	56.3	$Y_3$315S-6	75
882	59.4	$Y_2$315S-6	75	904	60.1	$Y_3$315S-6	75	925	62.1	$Y_3$315S-6	75	937	64.4	$Y_3$315S-6	75
871	67.5	$Y_2$315S-6	75	896	68.2	$Y_3$315S-6	75	920	70.2	$Y_3$315M-6	90	932	72.5	$Y_3$315M-6	90

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=950r/min**

Size	Pressure P (Mpa)	Viscosity mm²/s: 3 Flow Q (l/min)	3 Shaft Power W(kw)	3 Motor Type	3 Motor Power W(kw)	12 Flow Q (l/min)	12 Shaft Power W(kw)	12 Motor Type	12 Motor Power W(kw)	40 Flow Q (l/min)	40 Shaft Power W(kw)	40 Motor Type	40 Motor Power W(kw)
1700-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1047 984 926	11.6 20.9 30.4	$Y_2$180L-6 $Y_2$225M-6 $Y_2$250M-6	15 30 37	1082 1046 1014 982 954	11.6 20.9 30.4 39.7 49.2	$Y_2$180L-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$280M-6 $Y_2$315S-6	15 30 37 55 75	1100 1082 1062 1046 1028 1013	11.6 20.9 30.4 39.7 49.2 58.5	$Y_2$180L-6 $Y_2$225M-6 $Y_2$250M-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6	15 30 37 55 75 75
2200-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1170 1095 1025 958	13.3 23.9 34.6 45.0	$Y_2$200L_1-6 $Y_2$225M-6 $Y_2$280S-6 $Y_2$280M-6	18.5 30 45 55	1212 1168 1130 1092 1056 1022	13.3 23.9 34.6 45.0 55.7 66.1	$Y_2$200L_1-6 $Y_2$225M-6 $Y_2$280S-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6	18.5 30 45 55 75 75	1235 1211 1188 1168 1147 1128 1110	13.3 23.9 34.6 45.0 55.7 66.1 76.6	$Y_2$200L_1-6 $Y_2$225M-6 $Y_2$280S-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6 $Y_2$315M-6	18.5 30 45 55 75 75 90
2200-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1366 1290 1220	15.1 27.2 39.4	$Y_2$200L_1-6 $Y_2$250M-6 $Y_2$280M-6	18.5 37 55	1408 1365 1325 1288 1252	15.1 27.2 39.4 51.4 63.8	$Y_2$200L_1-6 $Y_2$250M-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6	18.5 37 55 75 75	1430 1406 1385 1362 1342 1324	15.1 27.2 39.4 51.4 63.8 75.8	$Y_2$200L_1-6 $Y_2$250M-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315S-6 $Y_2$315M-6	18.5 37 55 75 75 90
2900-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1525 1493 1444	19.9 35.5 51.2	$Y_2$225M-6 $Y_2$280S-6 $Y_2$315S-6	30 45 75	1553 1533 1514 1494 1476	19.9 35.5 51.2 66.8 82.2	$Y_2$225M-6 $Y_2$280S-6 $Y_2$315S-6 $Y_2$315S-6 $Y_2$315L_1-6	30 45 75 75 110	1569 1557 1546 1537 1524 1513 1502	19.9 35.5 51.2 66.8 82.2 97.8 113	$Y_2$225M-6 $Y_2$280S-6 $Y_2$315S-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_1-6 $Y_2$315L_2-6	30 45 75 75 110 110 132
2900-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1782 1738	21.7 38.6	$Y_2$225M-6 $Y_2$280S-6	30 45	1866 1832 1806 1779	21.7 38.6 56.5 71.3	$Y_2$225M-6 $Y_2$280S-6 $Y_2$315S-6 $Y_2$315M-6	30 45 75 90	1881 1871 1857 1844 1831 1815	21.7 38.6 56.5 71.3 90.8 109	$Y_2$225M-6 $Y_2$280S-6 $Y_2$315S-6 $Y_2$315M-6 $Y_2$315L_1-6 $Y_2$315L_2-6	30 45 75 90 110 132
3600-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	2200 2092	23.8 43.2	$Y_2$225M-6 $Y_2$280M-6	30 55	2256 2198 2140 2090	23.8 43.2 62.5 82.1	$Y_2$225M-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315L_1-6	30 55 75 110	2290 2255 2225 2196 2168 2142	23.8 43.2 62.5 82.1 102 121	$Y_2$225M-6 $Y_2$280M-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_2-6 $Y_2$355S-6	30 55 75 110 132 160
5300-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	2813 2711	32.5 57.8	$Y_2$280S-6 $Y_2$315S-6	45 75	2844 2770 2685 2613	32.5 57.8 81.9 106	$Y_2$280S-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_2-6	45 75 110 132	2905 2867 2832 2800 2772 2739	32.5 57.8 81.9 106 130 158	$Y_2$280S-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_2-6 $Y_2$355S-6 $Y_2$355M_1-6	45 75 110 132 160 185
5300-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	3323 3181	40.0 66.2	$Y_2$280S-6 $Y_2$315S-6	45 75	3402 3321 3247 3176	40.0 66.2 95.3 125	$Y_2$280S-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_2-6	45 75 110 132	3445 3400 3358 3320 3281 3244	40.0 66.2 95.3 125 155 185	$Y_2$280S-6 $Y_2$315S-6 $Y_2$315L_1-6 $Y_2$315L_2-6 $Y_2$355M_1-6 $Y_2$355M_2-6	45 75 110 132 185 200

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=950r/min**

Viscosity mm²/s: 75 Flow Q (l/min)	75 Shaft Power W(kw)	75 Motor Type	75 Motor Power W(kw)	150 Flow Q (l/min)	150 Shaft Power W(kw)	150 Motor Type	150 Motor Power W(kw)	380 Flow Q (l/min)	380 Shaft Power W(kw)	380 Motor Type	380 Motor Power W(kw)	760 Flow Q (l/min)	760 Shaft Power W(kw)	760 Motor Type	760 Motor Power W(kw)
1107	12.2	$Y_2$180L-6	15	1112	12.8	$Y_2$180L-6	15	1116	14.9	$Y_2$200L_1-6	18.5	1118	17.2	$Y_2$200L_1-6	22
1093	21.6	$Y_2$225M-6	30	1102	22.2	$Y_2$225M-6	30	1108	24.3	$Y_2$225M-6	30	1112	26.6	$Y_2$250M-6	37
1082	31.1	$Y_2$250M-6	37	1092	31.5	$Y_2$250M-6	37	1102	33.8	$Y_2$280S-6	45	1108	35.9	$Y_2$280S-6	45
1068	40.5	$Y_2$280M-6	55	1083	40.9	$Y_2$280M-6	55	1095	43.0	$Y_2$280M-6	55	1104	45.5	$Y_2$280M-6	55
1056	49.8	$Y_2$315S-6	75	1074	50.3	$Y_2$315S-6	75	1090	52.5	$Y_2$315S-6	75	1100	54.6	$Y_2$315S-6	75
1046	59.1	$Y_2$315S-6	75	1065	59.7	$Y_2$315S-6	75	1085	61.8	$Y_2$315S-6	75	1094	63.9	$Y_2$315S-6	75
1036	68.4	$Y_2$315M-6	90	1057	69.1	$Y_2$315M-6	90	1078	71.2	$Y_2$315M-6	90	1090	73.4	$Y_2$315M-6	90
1025	77.9	$Y_2$315M-6	90	1048	78.5	$Y_2$315M-6	90	1073	80.5	$Y_2$315M-6	90	1086	82.8	$Y_2$315L_1-6	110
1244	14.2	$Y_2$200L_1-6	18.5	1249	14.9	$Y_2$200L_1-6	18.5	1254	17.5	$Y_2$200L_2-6	22	1256	20.2	$Y_2$225M-6	30
1227	24.8	$Y_2$225M-6	30	1236	25.5	$Y_2$225M-6	30	1245	27.9	$Y_2$250M-6	37	1250	30.6	$Y_2$250M-6	37
1210	35.2	$Y_2$280S-6	45	1225	35.9	$Y_2$280S-6	45	1237	38.5	$Y_2$280S-6	45	1243	41.3	$Y_2$280M-6	55
1195	45.8	$Y_2$280M-6	55	1214	46.6	$Y_2$280M-6	55	1228	49.0	$Y_2$315S-6	75	1237	51.8	$Y_2$315S-6	75
1181	56.4	$Y_2$315S-6	75	1202	57.1	$Y_2$315S-6	75	1222	59.6	$Y_2$315S-6	75	1231	62.4	$Y_2$315S-6	75
1168	66.9	$Y_2$315S-6	75	1192	67.6	$Y_2$315S-6	75	1214	69.9	$Y_2$315M-6	90	1227	72.8	$Y_2$315M-6	90
1155	77.4	$Y_2$315M-6	90	1182	78.2	$Y_2$315M-6	90	1207	80.6	$Y_2$315M-6	90	1221	83.4	$Y_2$315L_1-6	110
1142	87.9	$Y_2$315L_1-6	110	1172	88.8	$Y_2$315L_1-6	110	1200	91.1	$Y_2$315L_1-6	110	1216	93.9	$Y_2$315L_1-6	110
1438	15.8	$Y_2$200L_1-6	18.5	1444	16.5	$Y_2$200L_2-6	22	1448	18.8	$Y_2$200L_2-6	22	1451	21.9	$Y_2$225M-6	30
1420	28.0	$Y_2$250M-6	37	1432	28.6	$Y_2$250M-6	37	1440	31.2	$Y_2$250M-6	37	1444	34.0	$Y_2$280S-6	45
1406	40.2	$Y_2$280M-6	55	1420	40.8	$Y_2$280M-6	55	1431	43.4	$Y_2$280M-6	55	1438	46.1	$Y_2$280M-6	55
1391	52.4	$Y_2$315S-6	75	1408	53.1	$Y_2$315S-6	75	1423	55.6	$Y_2$315S-6	75	1432	58.4	$Y_2$315S-6	75
1378	64.5	$Y_2$315S-6	75	1398	65.3	$Y_2$315S-6	75	1416	67.6	$Y_2$315S-6	75	1426	70.5	$Y_2$315M-6	90
1365	76.7	$Y_2$315M-6	90	1388	77.4	$Y_2$315M-6	90	1410	79.8	$Y_2$315M-6	90	1422	82.5	$Y_2$315L_1-6	110
1350	88.8	$Y_2$315L_1-6	110	1378	89.5	$Y_2$315L_1-6	110	1403	91.9	$Y_2$315L_1-6	110	1416	94.7	$Y_2$315L_1-6	110
1337	101	$Y_2$315L_2-6	132	1368	102	$Y_2$315L_2-6	132	1396	104	$Y_2$315L_2-6	132	1410	107	$Y_2$315L_2-6	132
1577	20.8	$Y_2$225M-6	30	1580	22.2	$Y_2$225M-6	30	1583	26.2	$Y_2$250M-6	37	1586	30.0	$Y_2$250M-6	37
1572	36.0	$Y_2$280S-6	45	1575	37.8	$Y_2$280S-6	45	1578	42.0	$Y_2$280M-6	55	1581	45.4	$Y_2$280M-6	55
1565	52.1	$Y_2$315S-6	75	1568	53.3	$Y_2$315S-6	75	1573	57.5	$Y_2$315S-6	75	1578	61.3	$Y_2$315S-6	75
1555	67.8	$Y_2$315S-6	75	1560	68.9	$Y_2$315M-6	90	1567	73.1	$Y_2$315M-6	90	1571	76.8	$Y_2$315M-6	90
1548	83.5	$Y_2$315L_1-6	110	1552	84.7	$Y_2$315L_1-6	110	1560	88.6	$Y_2$315L_1-6	110	1564	92.5	$Y_2$315L_1-6	110
1540	98.9	$Y_2$315L_1-6	110	1541	100	$Y_2$315L_1-6	110	1551	104	$Y_2$315L_2-6	132	1556	108	$Y_2$315L_2-6	132
1532	114	$Y_2$315L_2-6	132	1534	116	$Y_2$315L_2-6	132	1542	120	$Y_2$315L_2-6	132	1548	124	$Y_2$355S-6	160
1524	130	$Y_2$355S-6	160	1525	131	$Y_2$355S-6	160	1533	135	$Y_2$355S-6	160	1540	139	$Y_2$355S-6	160
1890	22.1	$Y_2$225M-6	30	1893	24.1	$Y_2$225M-6	30	1897	27.8	$Y_2$250M-6	37	1899	31.8	$Y_2$250M-6	37
1875	39.6	$Y_2$280S-6	45	1879	40.9	$Y_2$280M-6	55	1884	44.8	$Y_2$280M-6	55	1887	49.0	$Y_2$280M-6	55
1862	57.6	$Y_2$315S-6	75	1866	57.9	$Y_2$315S-6	75	1870	61.7	$Y_2$315S-6	75	1873	65.9	$Y_2$315S-6	75
1853	74.3	$Y_2$315M-6	90	1857	74.3	$Y_2$315M-6	90	1862	79.2	$Y_2$315M-6	90	1866	83.2	$Y_2$315M-6	90
1840	91.9	$Y_2$315L_1-6	110	1844	92.9	$Y_2$315L_1-6	110	1849	96.5	$Y_2$315L_1-6	110	1853	100	$Y_2$315L_1-6	110
1826	108	$Y_2$315L_2-6	132	1828	110	$Y_2$315L_2-6	132	1833	114	$Y_2$315L_2-6	132	1837	119	$Y_2$315L_2-6	132
1814	125	$Y_2$315L_2-6	132	1816	128	$Y_2$355S-6	160	1821	132	$Y_2$355S-6	160	1825	135	$Y_2$355S-6	160
1800	138	$Y_2$355S-6	160	1806	133	$Y_2$355S-6	160	1809	150	$Y_2$355S-6	160	1814	153	$Y_2$355M_1-6	185
2302	24.9	$Y_2$225M-6	30	2309	26.0	$Y_2$225M-6	30	2316	29.9	$Y_2$250M-6	37	2320	33.8	$Y_2$280S-6	45
2278	44.2	$Y_2$280M-6	55	2290	45.5	$Y_2$280M-6	55	2305	49.5	$Y_2$315S-6	75	2310	53.2	$Y_2$315S-6	75
2256	63.6	$Y_2$315S-6	75	2275	64.8	$Y_2$315S-6	75	2290	68.8	$Y_2$315M-6	90	2302	72.6	$Y_2$315M-6	90
2236	83.2	$Y_2$315L_1-6	110	2260	84.3	$Y_2$315L_1-6	110	2282	88.4	$Y_2$315L_1-6	110	2293	92.2	$Y_2$315L_1-6	110
2215	103	$Y_2$315L_2-6	132	2245	104	$Y_2$315L_2-6	132	2270	109	$Y_2$315L_2-6	132	2286	112	$Y_2$315L_2-6	132
2197	122	$Y_2$315L_2-6	132	2230	123	$Y_2$355S-6	160	2260	127	$Y_2$355S-6	160	2278	131	$Y_2$355S-6	160
2177	142	$Y_2$355S-6	160	2215	143	$Y_2$355S-6	160	2251	146	$Y_2$355S-6	160	2270	150	$Y_2$355S-6	160
				2200	162	$Y_2$355M_1-6	185	2242	166	$Y_2$355M_1-6	185	2263	170	$Y_2$355M_1-6	185
2920	35.3	$Y_2$280S-6	45	2927	37.5	$Y_2$280S-6	45	2935	45.1	$Y_2$280M-6	55	2938	52.0	$Y_2$315S-6	75
2891	59	$Y_2$315S-6	75	2906	62.0	$Y_2$315S-6	75	2920	69.8	$Y_2$315M-6	90	2927	77	$Y_2$315M-6	90
2867	84.6	$Y_2$315L_1-6	110	2887	86.7	$Y_2$315L_1-6	110	2909	94.5	$Y_2$315L_2-6	110	2916	100	$Y_2$315L_1-6	110
2844	109	$Y_2$315L_2-6	132	2870	111	$Y_2$315L_2-6	132	2896	118	$Y_2$315L_2-6	132	2907	126	$Y_2$315L_2-6	132
2820	133	$Y_2$355S-6	160	2855	136	$Y_2$355S-6	160	2882	142	$Y_2$355S-6	160	2900	149	$Y_2$355S-6	160
2795	158	$Y_2$355M_1-6	185	2842	160	$Y_2$355M_1-6	185	2873	166	$Y_2$355M_1-6	185	2888	172	$Y_2$355M_1-6	185
2770	181	$Y_2$355M_2-6	200	2830	185	$Y_2$355M_2-6	200	2860	190	$Y_2$355M_2-6	200	2875	196	$Y_2$355L_1-6	220
				2814	210	$Y_2$355L_1-6	220	2847	215	$Y_2$355L_1-6	250	2862	220	$Y_2$355L_2-6	250
3462	39.2	$Y_2$280S-6	45	3471	41.4	$Y_2$280M-6	55	3480	49.2	$Y_2$280M-6	55	3485	56.4	$Y_2$315S-6	75
3429	68.5	$Y_2$315S-6	75	3446	70.9	$Y_2$315S-6	75	3464	78.3	$Y_2$315M-6	90	3473	85.7	$Y_2$315L_1-6	110
3400	97.7	$Y_2$315L_1-6	110	3424	101	$Y_2$315L_1-6	110	3448	107	$Y_2$315L_2-6	110	3460	114	$Y_2$315L_2-6	132
3371	128	$Y_2$355S-6	160	3402	132	$Y_2$355S-6	160	3432	137	$Y_2$355S-6	160	3448	144	$Y_2$355S-6	160
3344	156	$Y_2$355M_1-6	185	3382	159	$Y_2$355M_1-6	185	3418	166	$Y_2$355M_1-6	185	3438	175	$Y_2$355M_1-6	185
3318	186	$Y_2$355M_2-6	200	3362	189	$Y_2$355M_2-6	200	3405	195	$Y_2$355L_1-6	220	3427	204	$Y_2$355L_1-6	220
3290	215	$Y_2$355L_2-6	250	3343	217	$Y_2$355L_2-6	250	3391	225	$Y_2$355L_2-6	250	3416	233	$Y_2$355L_2-6	250
				3322	245	$Y_2$4002-6	280	3377	255	$Y_2$4002-6	280	3406	262	$Y_2$4002-6	280

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=1450**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
20-38	0.5	10.9	0.22	$Y_2$80M$_1$-4	0.55	13.4	0.25	$Y_2$80M$_1$-4	0.55	14.1	0.25	$Y_2$80M$_1$-4	0.55
	1.0	10.4	0.34	$Y_2$80M$_1$-4	0.55	12.7	0.36	$Y_2$80M$_1$-4	0.55	13.7	0.36	$Y_2$80M$_1$-4	0.55
	1.5	8.40	0.48	$Y_2$80M$_2$-4	0.75	11.0	0.53	$Y_2$80M$_2$-4	0.75	12.4	0.54	$Y_2$80M$_2$-4	0.75
	2.0					10.1	0.59	$Y_2$80M$_2$-4	0.75	11.9	0.59	$Y_2$80M$_2$-4	0.75
	2.5									11.3	0.74	$Y_2$90S-4	1.1
	3.0												
	3.5												
	4.0												
20-46	0.5	15.0	0.27	$Y_2$80M$_1$-4	0.55	17.5	0.27	$Y_2$80M$_1$-4	0.55	18.8	0.27	$Y_2$80M$_1$-4	0.55
	1.0	14.2	0.44	$Y_2$80M$_2$-4	0.75	16.8	0.44	$Y_2$80M$_2$-4	0.75	18.1	0.44	$Y_2$80M$_2$-4	0.75
	1.5	11.3	0.60	$Y_2$90S-4	1.1	15.1	0.65	$Y_2$90S-4	1.1	16.7	0.70	$Y_2$90S-4	1.1
	2.0					13.9	0.74	$Y_2$90S-4	1.1	16.1	0.74	$Y_2$90S-4	1.1
	2.5									15.4	0.95	$Y_2$90L-4	1.5
	3.0												
	3.5												
	4.0												
40-38	0.5	27.8	0.39	$Y_2$80M$_1$-4	0.55	29.7	0.39	$Y_2$80M$_1$-4	0.55	30.4	0.39	$Y_2$80M$_1$-4	0.55
	1.0	24.6	0.63	$Y_2$90S-4	1.1	28.1	0.63	$Y_2$90S-4	1.1	29.4	0.63	$Y_2$90S-4	1.1
	1.5	22.0	0.89	$Y_2$90L-4	1.5	26.7	0.89	$Y_2$90L-4	1.5	28.7	0.89	$Y_2$90L-4	1.5
	2.0					25.4	1.15	$Y_2$90L-4	1.5	28.0	1.15	$Y_2$90L-4	1.5
	2.5									27.4	1.42	$Y_2$100L$_1$-4	2.2
	3.0												
	3.5												
	4.0												
40-46	0.5	37.2	0.45	$Y_2$80M$_2$-4	0.75	39.8	0.45	$Y_2$80M$_2$-4	0.75	40.6	0.45	$Y_2$80M$_2$-4	0.75
	1.0	33.6	0.82	$Y_2$90S-4	1.1	38.0	0.82	$Y_2$90S-4	1.1	39.5	0.82	$Y_2$90S-4	1.1
	1.5	28.4	1.15	$Y_2$90L -4	1.5	36.3	1.15	$Y_2$90L-4	1.5	38.6	1.15	$Y_2$90L-4	1.5
	2.0					32.1	1.49	$Y_2$100L$_1$-4	2.2	37.5	1.49	$Y_2$100L$_1$-4	2.2
	2.5									35.2	1.84	$Y_2$100L$_1$-4	2.2
	3.0												
	3.5												
	4.0												
* 40-54	0.5	48.0	0.62	$Y_2$90S-4	1.1	51.6	0.62	$Y_2$90S-4	1.1	53.7	0.62	$Y_2$90S-4	1.1
	1.0	41.1	1.10	$Y_2$90L -4	1.5	47.7	1.11	$Y_2$90L -4	1.5	51.6	1.13	$Y_2$90L-4	1.5
	1.5					44.2	1.59	$Y_2$100L$_1$-4	2.2	49.5	1.57	$Y_2$100L$_1$-4	2.2
	2.0									47.5	2.04	$Y_2$100L$_2$-4	3.0
	2.5												
	3.0												
80-36	0.5	51.3	0.88	$Y_2$90S-4	1.1	54.1	0.88	$Y_2$90S-4	1.1	55.4	0.88	$Y_2$90S-4	1.1
	1.0	46.1	1.27	$Y_2$100L$_1$-4	2.2	51.1	1.27	$Y_2$100L$_1$-4	2.2	53.8	1.27	$Y_2$100L$_1$-4	2.2
	1.5	41.5	1.85	$Y_2$100L$_2$-4	3.0	48.2	1.85	$Y_2$100L$_2$-4	3.0	52.3	1.85	$Y_2$100L$_2$-4	3.0
	2.0					45.8	2.33	$Y_2$100L$_2$-4	3.0	51.0	2.33	$Y_2$100L$_2$-4	3.0
	2.5									49.6	2.86	$Y_2$112M-4	4.0
	3.0												
	3.5												
	4.0												
80-42	0.5	61.3	0.89	$Y_2$90S-4	1.1	65.1	0.89	$Y_2$90S-4	1.1	67.1	0.89	$Y_2$90S-4	1.1
	1.0	54.3	1.40	$Y_2$100L$_1$-4	2.2	61.2	1.41	$Y_2$100L$_1$-4	2.2	65.0	1.43	$Y_2$100L$_1$-4	2.2
	1.5	48.0	1.98	$Y_2$100L$_2$-4	3.0	57.5	1.99	$Y_2$100L$_2$-4	3.0	63.0	2.03	$Y_2$100L$_2$-4	3.0
	2.0					54.1	2.58	$Y_2$112M-4	4.0	61.0	2.61	$Y_2$112M-4	4.0
	2.5									59.1	3.23	$Y_2$112M-4	4.0
	3.0												
	3.5												
	4.0												
80-46	0.5	73.5	0.90	$Y_2$90L-4	1.5	77.2	0.90	$Y_2$90L-4	1.5	79.5	0.90	$Y_2$90L-4	1.5
	1.0	66.3	1.68	$Y_2$100L$_1$-4	2.2	73.3	1.68	$Y_2$100L$_1$-4	2.2	77.0	1.68	$Y_2$100L$_1$-4	2.2
	1.5	60.0	2.32	$Y_2$100L$_2$-4	3.0	69.5	2.36	$Y_2$100L$_2$-4	3.0	75.0	2.36	$Y_2$100L$_2$-4	3.0
	2.0					66.0	3.02	$Y_2$112M-4	4.0	73.1	3.16	$Y_2$112M-4	4.0
	2.5									71.1	3.17	$Y_2$112M-4	4.0
	3.0												
	3.5												
	4.0												
* 80-54	0.5	94.0	1.12	$Y_2$90L-4	1.5	99.8	1.12	$Y_2$90L-4	1.5	103	1.12	$Y_2$90L-4	1.5
	1.0	83.1	2.02	$Y_2$100L$_2$-4	3.0	94.0	2.02	$Y_2$100L$_2$-4	3.0	99.7	2.02	$Y_2$100L$_2$-4	3.0
	1.5					88.3	2.93	$Y_2$112M-4	4.0	96.8	2.93	$Y_2$112M-4	4.0
	2.0									93.7	3.83	$Y_2$132S-4	5.5
	2.5												
	3.0												

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=1450**r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
14.4	0.25	$Y_2$80M$_1$-4	0.55	14.6	0.31	$Y_2$80M$_1$-4	0.55	14.7	0.39	$Y_2$80M$_2$-4	0.75	15.1	0.49	$Y_2$80M$_2$-4	0.75
14.0	0.37	$Y_2$80M$_2$-4	0.75	14.1	0.43	$Y_2$80M$_2$-4	0.75	14.2	0.55	$Y_2$90S-4	1.1	14.5	0.65	$Y_2$90S-4	1.1
13.0	0.58	$Y_2$90S-4	1.1	13.2	0.62	$Y_2$90S-4	1.1	13.4	0.65	$Y_2$90S-4	1.1	13.8	0.75	$Y_2$90S-4	1.1
12.5	0.65	$Y_2$90S-4	1.1	12.8	0.71	$Y_2$90S-4	1.1	13.1	0.75	$Y_2$90S-4	1.1	13.5	0.85	$Y_2$90S-4	1.1
12.1	0.76	$Y_2$90S-4	1.1	12.5	0.82	$Y_2$90S-4	1.1	12.7	0.90	$Y_2$90S-4	1.1	13.0	0.99	$Y_2$90L-4	1.5
11.7	0.88	$Y_2$90S-4	1.1	12.0	0.95	$Y_2$90L-4	1.5	12.3	1.05	$Y_2$90L-4	1.5	12.6	1.10	$Y_2$90L-4	1.5
11.3	0.99	$Y_2$90L-4	1.5	11.7	1.05	$Y_2$90L-4	1.5	11.9	1.16	$Y_2$90L-4	1.5	12.1	1.25	$Y_2$90L-4	1.5
10.9	1.20	$Y_2$90L-4	1.5	11.2	1.24	$Y_2$90L-4	1.5	11.5	1.27	$Y_2$90L-4	1.5	11.7	1.35	$Y_2$100L$_1$-4	2.2
19.0	0.28	$Y_2$80M$_1$-4	0.55	19.3	0.33	$Y_2$80M$_1$-4	0.55	19.6	0.45	$Y_2$80M$_2$-4	0.75	19.8	0.55	$Y_2$90S-4	1.1
18.4	0.45	$Y_2$80M$_2$-4	0.75	18.7	0.52	$Y_2$80M$_2$-4	0.75	19.1	0.60	$Y_2$90S-4	1.1	19.4	0.70	$Y_2$90S-4	1.1
17.3	0.74	$Y_2$90S-4	1.1	17.8	0.82	$Y_2$90S-4	1.1	18.2	0.91	$Y_2$90L-4	1.5	18.5	0.85	$Y_2$90S-4	1.1
17.0	0.79	$Y_2$90S-4	1.1	17.5	0.88	$Y_2$90S-4	1.1	18.0	0.95	$Y_2$90L-4	1.5	18.3	1.09	$Y_2$90L-4	1.5
16.5	0.96	$Y_2$90L-4	1.5	17.1	1.03	$Y_2$90L-4	1.5	17.7	1.10	$Y_2$90L-4	1.5	18.0	1.20	$Y_2$90L-4	1.5
16.1	1.12	$Y_2$90L-4	1.5	16.8	1.19	$Y_2$90L-4	1.5	17.4	1.25	$Y_2$90L-4	1.5	17.7	1.39	$Y_2$100L$_1$-4	2.2
15.7	1.29	$Y_2$100L$_1$-4	2.2	16.4	1.36	$Y_2$100L$_1$-4	2.2	17.0	1.45	$Y_2$100L$_1$-4	2.2	17.4	1.51	$Y_2$100L$_1$-4	2.2
15.3	1.45	$Y_2$100L$_1$-4	2.2	15.8	1.52	$Y_2$100L$_1$-4	2.2	16.6	1.60	$Y_2$100L$_1$-4	2.2	17.0	1.69	$Y_2$100L$_1$-4	2.2
30.4	0.41	$Y_2$80M$_1$-4	0.55	30.8	0.56	$Y_2$80M$_2$-4	0.75	31.1	0.60	$Y_2$80M$_2$-4	0.75	31.1	0.78	$Y_2$90S-4	1.1
30.0	0.69	$Y_2$90S-4	1.1	30.3	0.82	$Y_2$90S-4	1.1	30.8	0.88	$Y_2$90S-4	1.1	31.0	0.99	$Y_2$90L-4	1.5
29.3	0.96	$Y_2$90L-4	1.5	29.8	1.08	$Y_2$90L-4	1.5	30.6	1.15	$Y_2$90L-4	1.5	30.8	1.27	$Y_2$100L$_1$-4	2.2
29.0	1.19	$Y_2$90L-4	1.5	29.3	1.34	$Y_2$100L$_1$-4	2.2	30.3	1.39	$Y_2$100L$_1$-4	2.2	30.5	1.56	$Y_2$100L$_1$-4	2.2
28.5	1.46	$Y_2$100L$_1$-4	2.2	28.9	1.60	$Y_2$100L$_1$-4	2.2	30.2	1.65	$Y_2$100L$_1$-4	2.2	30.4	1.79	$Y_2$100L$_1$-4	3.0
28.1	1.70	$Y_2$100L$_1$-4	2.2	28.4	1.82	$Y_2$100L$_2$-4	3.0	30.0	1.89	$Y_2$100L$_2$-4	3.0	30.2	2.07	$Y_2$100L$_2$-4	3.0
26.7	2.09	$Y_2$100L$_2$-4	3.0	28.0	2.10	$Y_2$100L$_2$-4	3.0	29.7	2.19	$Y_2$100L$_2$-4	3.0	30.1	2.29	$Y_2$100L$_2$-4	3.0
26.0	2.39	$Y_2$100L$_2$-4	3.0	27.4	2.45	$Y_2$112M-4	4.0	28.7	2.57	$Y_2$112M-4	4.0	29.8	2.59	$Y_2$112M-4	4.0
41.1	0.49	$Y_2$80M$_2$-4	0.75	41.3	0.61	$Y_2$90S-4	1.1	41.6	0.70	$Y_2$90S-4	1.1	41.6	0.88	$Y_2$90S-4	1.1
40.3	0.85	$Y_2$90S-4	1.1	40.5	0.98	$Y_2$90L-4	1.5	41.3	1.13	$Y_2$90L-4	1.5	41.3	1.25	$Y_2$100L$_1$-4	2.2
39.6	1.19	$Y_2$90L-4	1.5	39.9	1.29	$Y_2$100L$_1$-4	2.2	41.0	1.40	$Y_2$100L$_1$-4	2.2	41.0	1.58	$Y_2$100L$_1$-4	2.2
39.0	1.53	$Y_2$100L$_1$-4	2.2	39.4	1.65	$Y_2$100L$_1$-4	2.2	40.7	1.78	$Y_2$100L$_2$-4	3.0	40.9	1.85	$Y_2$100L$_2$-4	3.0
38.3	1.87	$Y_2$100L$_2$-4	3.0	38.8	2.00	$Y_2$100L$_2$-4	3.0	40.3	2.20	$Y_2$100L$_2$-4	3.0	40.7	2.30	$Y_2$100L$_2$-4	3.0
36.5	2.35	$Y_2$100L$_2$-4	3.0	37.9	2.38	$Y_2$100L$_2$-4	3.0	40.1	2.55	$Y_2$112M-4	4.0	40.5	2.60	$Y_2$112M-4	4.0
35.5	2.70	$Y_2$112M-4	4.0	37.1	2.81	$Y_2$112M-4	4.0	39.8	2.78	$Y_2$112M-4	4.0	40.3	2.90	$Y_2$112M-4	4.0
35.0	3.07	$Y_2$112M-4	4.0	36.4	3.16	$Y_2$112M-4	4.0	39.0	3.27	$Y_2$132S-4	5.5	40.1	3.30	$Y_2$132S-4	5.5
54.5	0.69	$Y_2$90S-4	1.1	55.0	0.79	$Y_2$90S-4	1.1	55.4	0.92	$Y_2$90L-4	1.5	55.7	1.14	$Y_2$90L-4	1.5
53.0	1.16	$Y_2$90L-4	1.5	53.8	1.26	$Y_2$100L$_1$-4	2.2	54.6	1.38	$Y_2$100L$_1$-4	2.2	55.1	1.60	$Y_2$100L$_1$-4	2.2
51.6	1.64	$Y_2$100L$_1$-4	2.2	52.7	1.73	$Y_2$100L$_1$-4	2.2	53.9	1.85	$Y_2$100L$_2$-4	3.0	54.6	2.07	$Y_2$100L$_2$-4	3.0
50.2	2.12	$Y_2$100L$_2$-4	3.0	51.7	2.20	$Y_2$100L$_2$-4	3.0	53.2	2.32	$Y_2$100L$_2$-4	3.0	54.1	2.54	$Y_2$112M-4	4.0
48.8	2.59	$Y_2$112M-4	4.0	50.4	2.69	$Y_2$112M-4	4.0	52.5	2.79	$Y_2$112M-4	4.0	53.6	3.01	$Y_2$112M-4	4.0
47.5	3.06	$Y_2$112M-4	4.0	49.5	3.17	$Y_2$112M-4	4.0	51.6	3.29	$Y_2$132S-4	5.5	53.1	3.48	$Y_2$132S-4	5.5
56.2	0.95	$Y_2$90L-4	1.5	56.4	1.02	$Y_2$90L-4	1.5	56.5	1.18	$Y_2$90L-4	1.5	56.5	1.46	$Y_2$100L$_1$-4	2.2
54.3	1.37	$Y_2$100L$_1$-4	2.2	55.6	1.42	$Y_2$100L$_1$-4	2.2	56.1	1.65	$Y_2$100L$_1$-4	2.2	56.1	1.94	$Y_2$100L$_2$-4	3.0
53.3	1.75	$Y_2$100L$_1$-4	2.2	54.8	1.87	$Y_2$100L$_2$-4	3.0	55.6	2.14	$Y_2$100L$_2$-4	3.0	55.8	2.41	$Y_2$112M-4	4.0
52.4	2.32	$Y_2$100L$_2$-4	3.0	54.1	2.38	$Y_2$100L$_2$-4	3.0	55.3	2.62	$Y_2$112M-4	4.0	55.3	2.90	$Y_2$112M-4	4.0
51.3	2.78	$Y_2$112M-4	4.0	53.4	2.85	$Y_2$112M-4	4.0	54.6	3.10	$Y_2$112M-4	4.0	54.8	3.38	$Y_2$132S-4	5.5
50.1	3.28	$Y_2$132S-4	5.5	52.7	3.31	$Y_2$132S-4	5.5	54.2	3.58	$Y_2$132S-4	5.5	54.4	3.86	$Y_2$132S-4	5.5
49.2	3.71	$Y_2$132S-4	5.5	52.0	3.78	$Y_2$132S-4	5.5	53.6	4.10	$Y_2$132S-4	5.5	54.0	4.37	$Y_2$132S-4	5.5
48.3	4.20	$Y_2$132S-4	5.5	51.1	4.34	$Y_2$132S-4	5.5	53.0	4.52	$Y_2$132M-4	7.5	53.5	4.81	$Y_2$132M-4	7.5
68.0	0.98	$Y_2$90L-4	1.5	68.4	1.06	$Y_2$90L-4	1.5	68.9	1.21	$Y_2$90L-4	1.5	69.0	1.50	$Y_2$100L$_1$-4	2.2
66.4	1.51	$Y_2$100L$_1$-4	2.2	67.2	1.65	$Y_2$100L$_1$-4	2.2	68.1	1.80	$Y_2$100L$_1$-4	2.2	68.4	2.11	$Y_2$100L$_2$-4	3.0
65.0	2.10	$Y_2$100L$_2$-4	3.0	66.0	2.12	$Y_2$100L$_2$-4	3.0	67.1	2.38	$Y_2$100L$_2$-4	3.0	67.8	2.67	$Y_2$112M-4	4.0
63.5	2.67	$Y_2$112M-4	4.0	65.1	2.81	$Y_2$112M-4	4.0	66.6	2.98	$Y_2$112M-4	4.0	66.6	3.25	$Y_2$112M-4	4.0
62.2	3.26	$Y_2$112M-4	4.0	64.2	3.39	$Y_2$132S-4	5.5	65.8	3.56	$Y_2$132S-4	5.5	66.1	3.85	$Y_2$132S-4	5.5
60.9	3.85	$Y_2$132S-4	5.5	63.2	4.01	$Y_2$132S-4	5.5	65.1	4.16	$Y_2$132S-4	5.5	65.7	4.42	$Y_2$132S-4	5.5
59.5	4.44	$Y_2$132S-4	5.5	62.2	4.56	$Y_2$132M-4	7.5	64.5	4.74	$Y_2$132M-4	7.5	65.3	5.03	$Y_2$132M-4	7.5
59.3	5.07	$Y_2$132M-4	7.5	61.3	5.16	$Y_2$132M-4	7.5	63.8	5.33	$Y_2$132M-4	7.5	65.1	5.62	$Y_2$132M-4	7.5
80.1	1.02	$Y_2$90L-4	1.5	80.6	1.11	$Y_2$90L-4	1.5	81.3	1.29	$Y_2$100L$_1$-4	2.2	81.2	1.69	$Y_2$100L$_1$-4	2.2
78.4	1.70	$Y_2$100L$_1$-4	2.2	79.4	1.80	$Y_2$100L$_2$-4	3.0	80.2	1.99	$Y_2$100L$_2$-4	3.0	80.3	2.40	$Y_2$100L$_2$-4	3.0
77.0	2.39	$Y_2$100L$_2$-4	3.0	78.3	2.48	$Y_2$112M-4	4.0	79.4	2.69	$Y_2$112M-4	4.0	80.0	2.93	$Y_2$112M-4	4.0
75.6	3.18	$Y_2$112M-4	4.0	77.3	3.16	$Y_2$112M-4	4.0	78.6	3.43	$Y_2$132S-4	5.5	79.5	3.81	$Y_2$132S-4	5.5
74.3	3.78	$Y_2$132S-4	5.5	76.3	3.85	$Y_2$132S-4	5.5	78.3	4.13	$Y_2$132S-4	5.5	78.8	4.36	$Y_2$132S-4	5.5
73.0	4.46	$Y_2$132S-4	5.5	75.4	4.53	$Y_2$132M-4	7.5	77.3	4.86	$Y_2$132M-4	7.5	78.2	4.99	$Y_2$132M-4	7.5
71.6	5.15	$Y_2$132M-4	7.5	74.4	5.27	$Y_2$132M-4	7.5	76.6	5.45	$Y_2$132M-4	7.5	77.6	5.88	$Y_2$132M-4	7.5
70.4	5.86	$Y_2$132M-4	7.5	73.4	5.97	$Y_2$132M-4	7.5	76.0	6.15	$Y_2$160M-4	11	77.3	6.42	$Y_2$160M-4	11
104	1.20	$Y_2$90L-4	1.5	105	1.33	$Y_2$100L$_1$-4	2.2	105	1.50	$Y_2$100L$_1$-4	2.2	106	1.78	$Y_2$100L$_2$-4	3.0
102	2.10	$Y_2$100L$_2$-4	3.0	103	2.23	$Y_2$100L$_2$-4	3.0	104	2.40	$Y_2$100L$_2$-4	3.0	105	2.68	$Y_2$112M-4	4.0
99.5	3.00	$Y_2$112M-4	4.0	101	3.13	$Y_2$112M-4	4.0	103	3.30	$Y_2$132S-4	5.5	104	3.58	$Y_2$132S-4	5.5
98.0	3.90	$Y_2$132S-4	5.5	99.8	4.03	$Y_2$132S-4	5.5	102	4.20	$Y_2$132S-4	5.5	103	4.50	$Y_2$132M-4	7.5
95.8	4.85	$Y_2$132M-4	7.5	98.6	4.93	$Y_2$132M-4	7.5	101	5.10	$Y_2$132M-4	7.5	102	5.40	$Y_2$132M-4	7.5
94.7	5.74	$Y_2$132M-4	7.5	97.0	5.89	$Y_2$132M-4	7.5	100	6.00	$Y_2$132M-4	7.5	101	6.30	$Y_2$160M-4	11

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=1450**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s											
		3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
120-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	88.8 80.0 71.6	1.19 2.05 2.88	$Y_2$90L-4 $Y_2$100L_2-4 $Y_2$112M-4	1.5 3.0 4.0	93.5 88.5 84.1 79.4	1.19 2.05 2.88 3.70	$Y_2$90L-4 $Y_2$100L_2-4 $Y_2$112M-4 $Y_2$132S-4	1.5 3.0 4.0 5.5	96.2 93.5 91.0 88.4 86.2	1.19 2.05 2.88 3.70 4.55	$Y_2$90L-4 $Y_2$100L_2-4 $Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4	1.5 3.0 4.0 5.5 7.5
120-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	107 98.0 89.7	1.35 2.35 3.33	$Y_2$100L_1-4 $Y_2$100L_2-4 $Y_2$132S-4	2.2 3.0 5.5	112 107 102 97.4	1.35 2.35 3.33 4.32	$Y_2$100L_1-4 $Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132S-4	2.2 3.0 5.5 5.5	115 112 109 107 104	1.35 2.35 3.33 4.30 5.31	$Y_2$100L_1-4 $Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132S-4 $Y_2$132M-4	2.2 3.0 5.5 5.5 7.5
120-50	0.5 1.0 1.5 2.0 2.5 3.0	118 116	1.39 2.40	$Y_2$100L_1-4 $Y_2$100L_2-4	2.2 3.0	123 121 119	1.41 2.49 3.66	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4	2.2 4.0 5.5	127 125 124 122	1.50 2.67 3.91 4.88	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4	2.2 4.0 5.5 7.5
* 120-54	0.5 1.0 1.5 2.0 2.5 3.0	129 125	1.68 2.99	$Y_2$100L_1-4 $Y_2$112M-4	2.2 4.0	147 139 131	1.68 2.99 4.30	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4	2.2 4.0 5.5	151 147 143 138	1.68 2.99 4.30 5.65	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4	2.2 4.0 5.5 7.5
210-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	135 127 120	1.68 2.90 4.12	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4	2.2 4.0 5.5	140 136 131 126	1.68 2.90 4.12 5.33	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4	2.2 4.0 5.5 7.5	143 141 138 135 132	1.68 2.90 4.12 5.33 6.54	$Y_2$100L_1-4 $Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4	2.2 4.0 5.5 7.5 11
210-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	154 144 135	1.96 3.35 4.74	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4	3.0 5.5 7.5	160 153 148 144	1.96 3.35 4.74 6.14	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4 $Y_2$132M-4	3.0 5.5 7.5 7.5	162 160 156 153 150	1.96 3.35 4.74 6.14 7.52	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4 $Y_2$132M-4 $Y_2$160M-4	3.0 5.5 7.5 7.5 11
210-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	192 178 165	2.32 4.08 5.81	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4	3.0 5.5 7.5	200 193 185 177	2.32 4.08 5.84 7.58	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4	3.0 5.5 7.5 11	204 200 195 191 187	2.32 4.08 5.84 7.58 9.35	$Y_2$100L_2-4 $Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4	3.0 5.5 7.5 11 15
210-50	0.5 1.0 1.5 2.0 2.5 3.0	220 218	2.40 4.28	$Y_2$100L_2-4 $Y_2$132S-4	3.0 5.5	225 223 220	2.46 4.38 6.22	$Y_2$112M-4 $Y_2$132S-4 $Y_2$132M-4	4.0 5.5 7.5	229 227 225 222	2.57 4.55 6.39 8.64	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160M-4	4.0 5.5 11 11
* 210-54	0.5 1.0 1.5 2.0 2.5 3.0	252 229	2.90 5.23	$Y_2$112M-4 $Y_2$132M-4	4.0 7.5	265 252 239	2.90 5.24 7.56	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4	4.0 7.5 11	271 264 258 250	2.90 5.24 7.56 9.96	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4	4.0 7.5 11 15

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=1450**r/min

Viscosity mm²/s													
75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
97.4	1.33	$Y_2$100L_1-4	2.2	98.1	1.51	$Y_2$100L_1-4	2.2	98.6	1.82	$Y_2$100L_2-4	3.0	99.0	2.30	$Y_2$100L_2-4	3.0
95.4	2.17	$Y_2$100L_2-4	3.0	96.6	2.35	$Y_2$100L_2-4	3.0	97.6	2.65	$Y_2$112M-4	4.0	98.2	3.13	$Y_2$112M-4	4.0
93.5	3.00	$Y_2$112M-4	4.0	95.2	3.18	$Y_2$112M-4	4.0	96.7	3.48	$Y_2$132S-4	5.5	97.5	3.95	$Y_2$132S-4	5.5
91.8	3.82	$Y_2$132S-4	5.5	93.6	4.01	$Y_2$132S-4	5.5	95.8	4.30	$Y_2$132S-4	5.5	96.8	4.78	$Y_2$132M-4	7.5
90.1	4.67	$Y_2$132M-4	7.5	92.6	4.85	$Y_2$132M-4	7.5	95.0	5.15	$Y_2$132M-4	7.5	96.1	5.62	$Y_2$132M-4	7.5
88.6	5.49	$Y_2$132M-4	7.5	91.3	5.68	$Y_2$132M-4	7.5	94.1	5.96	$Y_2$132M-4	7.5	95.4	6.44	$Y_2$160M-4	11
86.7	6.36	$Y_2$160M-4	11	90.1	6.51	$Y_2$160M-4	11	93.3	6.79	$Y_2$160M-4	11	94.8	7.24	$Y_2$160M-4	11
85.1	7.20	$Y_2$160M-4	11	88.7	7.40	$Y_2$160M-4	11	92.0	7.67	$Y_2$160M-4	11	94.2	8.11	$Y_2$160M-4	11
116	1.49	$Y_2$100L_1-4	2.2	116	1.66	$Y_2$100L_1-4	2.2	117	1.94	$Y_2$100L_2-4	3.0	117	2.44	$Y_2$112M-4	4.0
114	2.48	$Y_2$112M-4	4.0	115	2.65	$Y_2$112M-4	4.0	116	2.93	$Y_2$112M-4	4.0	116	3.42	$Y_2$132S-4	5.5
112	3.45	$Y_2$132S-4	5.5	113	3.63	$Y_2$132S-4	5.5	115	3.92	$Y_2$132S-4	5.5	115	4.41	$Y_2$132M-4	7.5
110	4.45	$Y_2$132M-4	7.5	112	4.61	$Y_2$132M-4	7.5	114	4.90	$Y_2$132M-4	7.5	115	5.40	$Y_2$132M-4	7.5
108	5.53	$Y_2$132M-4	7.5	111	5.60	$Y_2$132M-4	7.5	113	5.90	$Y_2$132M-4	7.5	114	6.38	$Y_2$160M-4	11
106	6.42	$Y_2$160M-4	11	109	6.58	$Y_2$160M-4	11	112	6.86	$Y_2$160M-4	11	113	7.34	$Y_2$160M-4	11
105	7.40	$Y_2$160M-4	11	108	7.60	$Y_2$160M-4	11	111	7.84	$Y_2$160M-4	11	113	8.32	$Y_2$160M-4	11
103	8.39	$Y_2$160L-4	15	107	8.60	$Y_2$160L-4	15	110	8.87	$Y_2$160L-4	15	112	9.31	$Y_2$160L-4	15
129	1.61	$Y_2$100L_1-4	2.2	130	1.75	$Y_2$100L_1-4	2.2	131	2.11	$Y_2$100L_2-4	3.0	133	2.67	$Y_2$112M-4	4.0
127	2.97	$Y_2$112M-4	4.0	129	2.97	$Y_2$112M-4	4.0	130	3.24	$Y_2$132S-4	5.5	132	3.77	$Y_2$132S-4	5.5
126	3.89	$Y_2$132S-4	5.5	128	4.08	$Y_2$132S-4	5.5	129	4.45	$Y_2$132M-4	7.5	131	4.84	$Y_2$132M-4	7.5
124	5.06	$Y_2$132M-4	7.5	125	5.22	$Y_2$132M-4	7.5	127	5.46	$Y_2$132M-4	7.5	130	6.19	$Y_2$132M-4	7.5
121	6.18	$Y_2$132M-4	7.5	123	6.33	$Y_2$160M-4	11	125	7.19	$Y_2$160M-4	11	128	7.26	$Y_2$160M-4	11
118	7.23	$Y_2$160M-4	11	119	7.45	$Y_2$160M-4	11	121	8.27	$Y_2$160M-4	11	123	8.57	$Y_2$160M-4	11
153	1.80	$Y_2$100L_2-4	3.0	154	1.99	$Y_2$100L_2-4	3.0	155	2.28	$Y_2$100L_2-4	3.0	155	2.76	$Y_2$112M-4	4.0
150	3.12	$Y_2$112M-4	4.0	152	3.30	$Y_2$132S-4	5.5	153	3.58	$Y_2$132S-4	5.5	154	4.06	$Y_2$132S-4	5.5
147	4.42	$Y_2$132M-4	7.5	149	4.60	$Y_2$132M-4	7.5	152	4.89	$Y_2$132M-4	7.5	153	5.38	$Y_2$132M-4	7.5
144	5.74	$Y_2$132M-4	7.5	147	5.91	$Y_2$132M-4	7.5	150	6.20	$Y_2$132M-4	7.5	152	6.67	$Y_2$160M-4	11
141	7.05	$Y_2$160M-4	11	145	7.22	$Y_2$160M-4	11	149	7.52	$Y_2$160M-4	11	151	7.98	$Y_2$160M-4	11
139	8.36	$Y_2$160M-4	11	141	8.56	$Y_2$160M-4	11	148	8.82	$Y_2$160M-4	11	150	9.30	$Y_2$160L-4	15
144	1.78	$Y_2$100L_2-4	3.0	145	1.95	$Y_2$100L_2-4	3.0	145	2.63	$Y_2$112M-4	4.0	146	3.27	$Y_2$132S-4	5.5
142	3.03	$Y_2$112M-4	4.0	144	3.17	$Y_2$112M-4	4.0	144	3.74	$Y_2$132S-4	5.5	145	4.46	$Y_2$132M-4	7.5
140	4.23	$Y_2$132S-4	5.5	142	4.40	$Y_2$132S-4	5.5	142	4.95	$Y_2$132M-4	7.5	143	5.68	$Y_2$132M-4	7.5
139	5.51	$Y_2$132M-4	7.5	141	5.62	$Y_2$132M-4	7.5	140	6.25	$Y_2$132M-4	7.5	141	6.80	$Y_2$160M-4	11
137	6.69	$Y_2$160M-4	11	139	6.85	$Y_2$160M-4	11	139	7.46	$Y_2$160M-4	11	140	8.10	$Y_2$160M-4	11
135	7.84	$Y_2$160M-4	11	138	8.05	$Y_2$160M-4	11	138	8.40	$Y_2$160M-4	11	139	8.89	$Y_2$160M-4	11
131	9.03	$Y_2$160M-4	11	136	9.31	$Y_2$160L-4	15	137	9.66	$Y_2$160L-4	15	138	10.2	$Y_2$160L-4	15
129	10.3	$Y_2$160L-4	15	134	10.7	$Y_2$160L-4	15	136	10.9	$Y_2$160L-4	15	137	11.4	$Y_2$160L-4	15
164	2.14	$Y_2$100L_2-4	3.0	165	2.43	$Y_2$100L_2-4	3.0	166	2.91	$Y_2$112M-4	4.0	166	3.64	$Y_2$132S-4	5.5
162	3.53	$Y_2$132S-4	5.5	163	3.81	$Y_2$132S-4	5.5	164	4.29	$Y_2$132S-4	5.5	165	5.03	$Y_2$132M-4	7.5
160	4.92	$Y_2$132M-4	7.5	162	5.21	$Y_2$132M-4	7.5	162	5.69	$Y_2$132M-4	7.5	164	6.42	$Y_2$160M-4	11
158	6.31	$Y_2$160M-4	11	160	6.60	$Y_2$160M-4	11	161	7.09	$Y_2$160M-4	11	163	7.81	$Y_2$160M-4	11
156	7.71	$Y_2$160M-4	11	159	7.99	$Y_2$160M-4	11	160	8.48	$Y_2$160M-4	11	163	9.21	$Y_2$160L-4	15
154	9.09	$Y_2$160M-4	11	158	9.38	$Y_2$160L-4	15	159	9.86	$Y_2$160L-4	15	162	10.6	$Y_2$160L-4	15
152	10.7	$Y_2$160L-4	15	156	10.8	$Y_2$160L-4	15	159	11.3	$Y_2$160L-4	15	162	12.1	$Y_2$160L-4	15
150	11.9	$Y_2$160L-4	15	153	12.4	$Y_2$160L-4	15	158	12.6	$Y_2$160L-4	15	161	13.4	$Y_2$180M-4	18.5
205	2.50	$Y_2$112M-4	4.0	207	2.78	$Y_2$112M-4	4.0	208	3.26	$Y_2$132S-4	5.5	209	3.99	$Y_2$132S-4	5.5
203	4.25	$Y_2$132S-4	5.5	205	4.53	$Y_2$132M-4	7.5	206	5.03	$Y_2$132M-4	7.5	207	5.74	$Y_2$132M-4	7.5
200	5.99	$Y_2$132M-4	7.5	203	6.28	$Y_2$160M-4	11	205	6.78	$Y_2$160M-4	11	206	7.49	$Y_2$160M-4	11
197	7.75	$Y_2$160M-4	11	201	8.03	$Y_2$160M-4	11	204	8.53	$Y_2$160M-4	11	205	9.24	$Y_2$160L-4	15
195	9.52	$Y_2$160L-4	15	199	9.78	$Y_2$160L-4	15	202	10.4	$Y_2$160L-4	15	204	11.1	$Y_2$160L-4	15
191	11.5	$Y_2$160L-4	15	197	11.5	$Y_2$160L-4	15	201	12.0	$Y_2$160L-4	15	203	12.7	$Y_2$160L-4	15
188	13.3	$Y_2$180M-4	18.5	193	13.6	$Y_2$180M-4	18.5	200	13.8	$Y_2$180M-4	18.5	202	14.5	$Y_2$180M-4	18.5
186	14.9	$Y_2$180M-4	18.5	191	15.3	$Y_2$180M-4	18.5	197	15.7	$Y_2$180M-4	18.5	201	16.2	$Y_2$180L-4	22
231	2.73	$Y_2$112M-4	4.0	233	3.02	$Y_2$112M-4	4.0	236	3.51	$Y_2$132S-4	5.5	239	4.24	$Y_2$132S-4	5.5
230	4.77	$Y_2$132M-4	7.5	232	5.13	$Y_2$132M-4	7.5	235	5.55	$Y_2$132M-4	7.5	237	6.23	$Y_2$132M-4	7.5
229	6.68	$Y_2$160M-4	11	230	7.07	$Y_2$160M-4	11	233	7.45	$Y_2$160M-4	11	235	8.33	$Y_2$160M-4	11
226	8.81	$Y_2$160M-4	11	227	9.22	$Y_2$160M-4	11	231	9.66	$Y_2$160L-4	15	232	10.3	$Y_2$160L-4	15
224	11.2	$Y_2$160L-4	15	225	11.5	$Y_2$160L-4	15	228	11.7	$Y_2$160L-4	15	230	12.4	$Y_2$160L-4	15
221	13.4	$Y_2$180M-4	18.5	222	13.7	$Y_2$180M-4	18.5	225	14.1	$Y_2$180M-4	18.5	226	15.1	$Y_2$180M-4	18.5
274	3.08	$Y_2$112M-4	4.0	275	3.36	$Y_2$132S-4	5.5	277	3.85	$Y_2$132S-4	5.5	278	4.57	$Y_2$132M-4	7.5
269	5.42	$Y_2$132M-4	7.5	272	5.70	$Y_2$132M-4	7.5	274	6.18	$Y_2$132M-4	7.5	276	6.92	$Y_2$160M-4	11
264	7.75	$Y_2$160M-4	11	268	8.03	$Y_2$160M-4	11	272	8.52	$Y_2$160M-4	11	274	9.24	$Y_2$160L-4	15
260	10.1	$Y_2$160L-4	15	265	10.4	$Y_2$160L-4	15	270	10.8	$Y_2$160L-4	15	272	11.6	$Y_2$160L-4	15
254	12.5	$Y_2$160L-4	15	262	12.7	$Y_2$160L-4	15	267	13.2	$Y_2$180M-4	18.5	270	13.9	$Y_2$180M-4	18.5
250	14.8	$Y_2$180M-4	18.5	257	15.2	$Y_2$180M-4	18.5	264	15.6	$Y_2$180M-4	18.5	269	16.2	$Y_2$180L-4	22

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=1450**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
280-43	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	225 210 193 177	2.93 4.98 7.05 9.38	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4	4.0 7.5 11 15	234 226 216 208 199	2.93 4.98 7.05 9.10 11.1	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160M-4 $Y_2$160L-4	4.0 7.5 11 11 15	239 234 230 225 221 215 210	2.93 4.98 7.05 9.10 11.1 13.5 15.5	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180M-4	4.0 7.5 11 11 15 18.5 18.5
280-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	258 242 225 210	3.18 5.54 7.86 10.2	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4	4.0 7.5 11 15	267 258 249 240 232	3.18 5.54 7.86 10.2 12.7	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$160L-4	4.0 7.5 11 15 15	272 267 262 258 252 248 243	3.18 5.54 7.86 10.2 12.8 15.1 17.4	$Y_2$112M-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4	4.0 7.5 11 15 15 18.5 22
280-50	0.5 1.0 1.5 2.0 2.5 3.0	273 271 267	3.30 6.01 8.56	$Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4	5.5 7.5 11	280 278 276 273 270	3.35 6.11 8.72 10.8 13.7	$Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4	5.5 7.5 11 15 18.5	285 284 282 280 277 274	3.47 6.22 8.97 11.4 14.2 16.8	$Y_2$132S-4 $Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4	5.5 7.5 11 15 18.5 22
280-54	0.5 1.0 1.5 2.0 2.5 3.0	340 311 286	3.96 7.08 10.2	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4	5.5 11 15	354 339 323 310	3.96 7.08 10.2 13.5	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4	5.5 11 15 18.5	363 354 345 337 329	3.96 7.08 10.2 13.5 16.6	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4	5.5 11 15 18.5 22
440-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	292 276 262 248	3.87 6.41 8.92 11.5	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160M-4 $Y_2$160L-4	5.5 11 11 15	300 291 285 275 268	3.87 6.41 8.92 11.5 14.2	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4	5.5 11 11 15 18.5	304 300 295 291 287 282 278	3.87 6.41 8.92 11.5 14.2 16.6 19.2	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4 $Y_2$200L-4	5.5 11 11 15 18.5 22 30
440-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	325 307 291 276	4.15 7.02 9.90 12.8	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$160L-4	5.5 11 15 15	333 323 315 306 298	4.15 7.02 9.90 12.8 15.8	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$160L-4 $Y_2$180M-4	5.5 11 15 15 18.5	338 333 328 323 319 315 309	4.15 7.02 9.90 12.8 15.8 18.6 21.7	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4 $Y_2$200L-4	5.5 11 15 15 18.5 22 30
440-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	349 347 344 340	4.27 7.58 10.3 13.4	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4	5.5 11 15 18.5	355 353 350 348 346	4.33 7.66 10.6 13.8 16.8	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4	5.5 11 15 18.5 22	361 359 357 355 352 349 347	4.44 7.78 10.9 14.1 17.3 21.2 23.4	$Y_2$132S-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$200L-4	5.5 11 15 18.5 22 30 30
440-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	413 390 367 346	4.95 8.64 12.4 16.1	$Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4	7.5 11 15 22	426 412 400 388 376	4.95 8.64 12.4 16.1 19.8	$Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4	7.5 11 15 22 30	432 424 418 411 405 398 392	4.95 8.64 12.4 16.1 19.8 23.6 27.3	$Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$200L-4 $Y_2$225S-4	7.5 11 15 22 30 30 37
440-51	0.5 1.0 1.5 2.0 2.5 3.0 3.5	470 436 400	5.38 9.44 13.6	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4	7.5 15 18.5	493 470 452 434	5.53 9.67 14.0 18.2	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4	7.5 15 18.5 22	504 492 482 471 461 452	5.66 9.98 14.4 18.7 23.1 27.5	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4	7.5 15 18.5 22 30 37

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=1450**r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
241	3.22	$Y_2$132S-4	5.5	244	3.61	$Y_2$132S-4	5.5	244	4.39	$Y_2$132S-4	5.5	245	5.46	$Y_2$132M-4	7.5
238	5.28	$Y_2$132M-4	7.5	241	5.67	$Y_2$132M-4	7.5	242	6.44	$Y_2$160M-4	11	244	7.53	$Y_2$160M-4	11
234	7.35	$Y_2$160M-4	11	238	7.73	$Y_2$160M-4	11	240	8.52	$Y_2$160M-4	11	242	9.60	$Y_2$160L-4	15
232	9.38	$Y_2$160L-4	15	236	9.78	$Y_2$160L-4	15	238	10.6	$Y_2$160L-4	15	241	11.6	$Y_2$160L-4	15
229	11.4	$Y_2$160L-4	15	233	11.8	$Y_2$160L-4	15	236	12.6	$Y_2$160L-4	15	240	13.7	$Y_2$180M-4	18.5
226	13.5	$Y_2$180M-4	18.5	231	13.9	$Y_2$180M-4	18.5	235	14.7	$Y_2$180M-4	18.5	239	15.7	$Y_2$180M-4	18.5
223	15.6	$Y_2$180M-4	18.5	229	16.0	$Y_2$180M-4	18.5	234	16.7	$Y_2$180L-4	22	237	17.8	$Y_2$180L-4	22
220	17.6	$Y_2$180L-4	22	226	18.0	$Y_2$180L-4	22	233	18.8	$Y_2$180L-4	22	236	19.9	$Y_2$200L-4	30
274	3.48	$Y_2$132S-4	5.5	277	3.88	$Y_2$132S-4	5.5	278	4.65	$Y_2$132M-4	7.5	278	5.75	$Y_2$132M-4	7.5
271	5.83	$Y_2$132M-4	7.5	274	6.22	$Y_2$132M-4	7.5	276	6.99	$Y_2$160M-4	11	277	8.08	$Y_2$160M-4	11
267	8.16	$Y_2$160M-4	11	271	8.55	$Y_2$160M-4	11	273	9.32	$Y_2$160L-4	15	275	10.4	$Y_2$160L-4	15
264	10.5	$Y_2$160L-4	15	269	10.9	$Y_2$160L-4	15	271	11.7	$Y_2$160L-4	15	274	12.7	$Y_2$160L-4	15
261	12.8	$Y_2$160L-4	15	266	13.2	$Y_2$180M-4	18.5	270	14.0	$Y_2$180M-4	18.5	273	15.2	$Y_2$180M-4	18.5
256	15.3	$Y_2$180M-4	18.5	264	15.6	$Y_2$180M-4	18.5	269	16.3	$Y_2$180L-4	22	272	17.4	$Y_2$180L-4	22
253	17.7	$Y_2$180L-4	22	258	18.1	$Y_2$180L-4	22	267	18.7	$Y_2$180L-4	22	270	19.7	$Y_2$200L-4	30
250	20.1	$Y_2$200L-4	30	257	20.5	$Y_2$200L-4	30	263	21.2	$Y_2$200L-4	30	269	22.1	$Y_2$200L-4	30
288	3.78	$Y_2$132S-4	5.5	289	4.19	$Y_2$132S-4	5.5	291	4.91	$Y_2$132M-4	7.5	293	6.07	$Y_2$132M-4	7.5
286	6.42	$Y_2$160M-4	11	287	6.94	$Y_2$160M-4	11	289	7.59	$Y_2$160M-4	11	291	8.76	$Y_2$160M-4	11
284	9.22	$Y_2$160L-4	15	285	9.62	$Y_2$160L-4	15	288	10.3	$Y_2$160L-4	15	290	11.3	$Y_2$160L-4	15
281	11.9	$Y_2$160L-4	15	283	12.3	$Y_2$160L-4	15	285	13.1	$Y_2$180M-4	18.5	287	14.0	$Y_2$180M-4	18.5
277	14.6	$Y_2$180M-4	18.5	279	15.1	$Y_2$180M-4	18.5	282	15.7	$Y_2$180M-4	18.5	285	16.9	$Y_2$180L-4	22
273	17.3	$Y_2$180L-4	22	275	17.6	$Y_2$180L-4	22	278	18.4	$Y_2$180L-4	22	282	20.7	$Y_2$200L-4	30
366	4.26	$Y_2$132S-4	5.5	367	4.66	$Y_2$132M-4	7.5	369	5.44	$Y_2$132M-4	7.5	370	6.52	$Y_2$160M-4	11
360	7.36	$Y_2$160M-4	11	363	7.77	$Y_2$160M-4	11	365	8.56	$Y_2$160M-4	11	368	9.62	$Y_2$160L-4	15
354	10.5	$Y_2$160L-4	15	359	10.9	$Y_2$160L-4	15	363	11.6	$Y_2$160L-4	15	366	12.7	$Y_2$160L-4	15
349	13.6	$Y_2$180M-4	18.5	355	14.0	$Y_2$180M-4	18.5	360	14.8	$Y_2$180M-4	18.5	363	15.8	$Y_2$180M-4	18.5
342	16.9	$Y_2$180L-4	22	351	17.1	$Y_2$180L-4	22	358	18.0	$Y_2$180L-4	22	361	18.9	$Y_2$180L-4	22
337	20.1	$Y_2$200L-4	30	345	20.5	$Y_2$200L-4	30	355	21.0	$Y_2$200L-4	30	360	22.0	$Y_2$200L-4	30
305	3.91	$Y_2$132S-4	5.5	307	4.15	$Y_2$132S-4	5.5	309	5.74	$Y_2$132M-4	7.5	309	7.10	$Y_2$160M-4	11
301	6.35	$Y_2$160M-4	11	304	6.73	$Y_2$160M-4	11	308	8.34	$Y_2$160M-4	11	308	9.72	$Y_2$160L-4	15
298	8.89	$Y_2$160M-4	11	301	9.31	$Y_2$160L-4	15	305	11.1	$Y_2$160L-4	15	307	12.3	$Y_2$160L-4	15
295	11.5	$Y_2$160L-4	15	298	11.9	$Y_2$160L-4	15	303	13.7	$Y_2$180M-4	18.5	306	15.3	$Y_2$180M-4	18.5
292	14.1	$Y_2$180M-4	18.5	296	14.5	$Y_2$180M-4	18.5	301	16.1	$Y_2$180L-4	22	305	17.6	$Y_2$180L-4	22
289	16.8	$Y_2$180L-4	22	293	17.1	$Y_2$180L-4	22	299	17.9	$Y_2$180L-4	22	304	19.0	$Y_2$180L-4	22
286	19.4	$Y_2$200L-4	30	290	19.7	$Y_2$200L-4	30	297	20.5	$Y_2$200L-4	30	303	21.6	$Y_2$200L-4	30
284	22.0	$Y_2$200L-4	30	288	22.2	$Y_2$200L-4	30	295	23.1	$Y_2$200L-4	30	302	24.2	$Y_2$200L-4	30
340	4.58	$Y_2$132M-4	7.5	342	5.13	$Y_2$132M-4	7.5	343	6.28	$Y_2$160M-4	11	344	7.88	$Y_2$160M-4	11
336	7.46	$Y_2$160M-4	11	340	8.01	$Y_2$160M-4	11	342	9.18	$Y_2$160L-4	15	343	10.8	$Y_2$160L-4	15
333	10.3	$Y_2$160L-4	15	337	10.9	$Y_2$160L-4	15	339	12.1	$Y_2$160L-4	15	341	13.7	$Y_2$180M-4	18.5
329	13.2	$Y_2$180M-4	18.5	334	13.8	$Y_2$180M-4	18.5	337	15.0	$Y_2$180M-4	18.5	339	16.6	$Y_2$180L-4	22
326	16.2	$Y_2$180L-4	22	332	16.7	$Y_2$180L-4	22	335	17.8	$Y_2$180L-4	22	337	19.5	$Y_2$200L-4	30
324	19.0	$Y_2$180L-4	22	329	19.5	$Y_2$200L-4	30	334	20.7	$Y_2$200L-4	30	336	22.3	$Y_2$200L-4	30
321	21.9	$Y_2$200L-4	30	327	22.4	$Y_2$200L-4	30	333	23.6	$Y_2$200L-4	30	335	25.2	$Y_2$200L-4	30
317	25.0	$Y_2$200L-4	30	325	25.3	$Y_2$200L-4	30	331	26.5	$Y_2$225S-4	37	334	28.1	$Y_2$225S-4	37
364	4.88	$Y_2$132M-4	7.5	366	5.42	$Y_2$132M-4	7.5	367	6.68	$Y_2$160M-4	11	369	8.18	$Y_2$160M-4	11
362	8.09	$Y_2$160M-4	11	365	8.69	$Y_2$160M-4	11	366	9.89	$Y_2$160L-4	15	367	11.5	$Y_2$160L-4	15
360	11.3	$Y_2$160L-4	15	363	11.9	$Y_2$160L-4	15	364	13.2	$Y_2$180M-4	18.5	365	14.7	$Y_2$180M-4	18.5
357	14.5	$Y_2$180M-4	18.5	361	15.2	$Y_2$180M-4	18.5	363	16.4	$Y_2$180L-4	22	364	18.0	$Y_2$180L-4	22
355	18.0	$Y_2$180L-4	22	358	18.4	$Y_2$180L-4	22	360	19.6	$Y_2$200L-4	30	361	21.2	$Y_2$200L-4	30
352	21.1	$Y_2$200L-4	30	355	21.6	$Y_2$200L-4	30	358	22.9	$Y_2$200L-4	30	359	24.4	$Y_2$200L-4	30
349	23.8	$Y_2$200L-4	30	352	24.9	$Y_2$200L-4	30	356	26.1	$Y_2$200L-4	30	357	27.6	$Y_2$225S-4	37
346	27.3	$Y_2$225S-4	37	350	28.3	$Y_2$225S-4	37	353	29.4	$Y_2$225S-4	37	355	31.0	$Y_2$225S-4	37
435	5.38	$Y_2$132M-4	7.5	437	5.92	$Y_2$132M-4	7.5	438	7.09	$Y_2$160M-4	11	439	8.70	$Y_2$160M-4	11
430	9.08	$Y_2$160M-4	11	433	9.61	$Y_2$160L-4	15	435	10.8	$Y_2$160L-4	15	437	12.4	$Y_2$160L-4	15
424	12.7	$Y_2$160L-4	15	429	13.3	$Y_2$180M-4	18.5	432	14.5	$Y_2$180M-4	18.5	436	16.2	$Y_2$180L-4	22
420	16.5	$Y_2$180L-4	22	426	17.0	$Y_2$180L-4	22	430	18.2	$Y_2$180L-4	22	434	19.8	$Y_2$200L-4	30
416	20.1	$Y_2$200L-4	30	423	20.7	$Y_2$200L-4	30	428	21.8	$Y_2$200L-4	30	432	23.4	$Y_2$200L-4	30
412	23.8	$Y_2$200L-4	30	419	24.3	$Y_2$200L-4	30	426	25.5	$Y_2$200L-4	30	430	27.1	$Y_2$225S-4	37
407	27.7	$Y_2$225S-4	37	416	28.0	$Y_2$225S-4	37	424	29.2	$Y_2$225S-4	37	429	30.8	$Y_2$225S-4	37
403	31.4	$Y_2$225S-4	37	412	32.0	$Y_2$225S-4	37	422	32.9	$Y_2$225M-4	45	427	34.5	$Y_2$225M-4	45
503	6.43	$Y_2$160M-4	11	504	6.88	$Y_2$160M-4	11	507	8.11	$Y_2$160M-4	11	509	9.88	$Y_2$160L-4	15
501	10.6	$Y_2$160L-4	15	502	11.3	$Y_2$160L-4	15	506	12.5	$Y_2$160L-4	15	507	14.1	$Y_2$180M-4	18.5
493	15.0	$Y_2$180M-4	18.5	500	15.7	$Y_2$180M-4	18.5	504	16.8	$Y_2$180L-4	22	504	18.6	$Y_2$180L-4	22
485	19.4	$Y_2$200L-4	30	493	19.9	$Y_2$200L-4	30	501	21.4	$Y_2$200L-4	30	502	22.9	$Y_2$200L-4	30
478	23.7	$Y_2$200L-4	30	489	24.4	$Y_2$200L-4	30	498	25.7	$Y_2$200L-4	30	499	27.2	$Y_2$225S-4	37
472	27.9	$Y_2$225S-4	37	482	28.7	$Y_2$225S-4	37	495	29.8	$Y_2$225S-4	37	496	31.6	$Y_2$225S-4	37
464	32.5	$Y_2$225M-4	45	478	33.1	$Y_2$225M-4	45	490	34.3	$Y_2$225M-4	45	490	36.1	$Y_2$225M-4	45

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=1450**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
* 440-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	533 495 460	6.10 10.9 15.8	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4	7.5 15 18.5	554 532 512 493	6.10 10.9 15.8 20.8	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$200L-4	7.5 15 18.5 30	565 554 542 531 520	6.10 10.9 15.8 20.8 25.7	$Y_2$132M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$200L-4	7.5 15 18.5 30 30
660-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	429 426 424 421	4.88 8.88 12.3 16.2	$Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4	7.5 11 15 22	435 433 431 428 425	5.01 9.14 12.6 16.7 20.5	$Y_2$132M-4 $Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4	7.5 11 15 18.5 30	440 438 436 434 431 429 426	5.38 9.53 12.8 16.8 20.9 24.6 28.6	$Y_2$132M-4 $Y_2$160L-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$200L-4 $Y_2$225S-4	7.5 15 15 22 30 30 37
660-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	510 486 465 445	6.30 10.8 15.4 19.7	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$200L-4	11 15 18.5 30	522 508 496 486 474	6.30 10.8 15.4 19.7 24.3	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$200L-4	11 15 18.5 30 30	528 521 515 508 502 497 490	6.30 10.8 15.4 19.7 24.3 28.7 33.4	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4	11 15 18.5 30 30 37 45
660-44	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	570 540 511 482	6.90 12.2 17.3 22.2	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4	11 15 22 30	586 568 553 538 522	6.90 12.2 17.3 22.2 27.4	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4	11 15 22 30 37	597 587 578 569 561 552 544	6.90 12.2 17.3 22.2 27.4 32.6 37.6	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$225M-4	11 15 22 30 37 45 45
660-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	621 590 560 532	7.32 12.8 18.4 23.9	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4	11 15 22 30	638 621 604 589 572	7.32 12.8 18.4 23.9 29.3	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4	11 15 22 30 37	647 638 628 620 612 602 594	7.32 12.8 18.4 23.9 29.3 35.1 40.6	$Y_2$160M-4 $Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4	11 15 22 30 37 45 55
660-51	0.5 1.0 1.5 2.0 2.5 3.0 3.5	744 741 737	8.33 14.8 21.4	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4	11 18.5 30	751 748 745 742 740	8.43 14.9 21.5 28.1 34.6	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4	11 18.5 30 37 45	758 756 754 751 748 745	8.56 15.1 21.7 28.4 34.9 41.5	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4	11 18.5 30 37 45 55
* 660-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	828 778 731	9.25 16.8 24.1	$Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4	15 22 30	856 828 800 776	9.25 16.8 24.1 31.7	$Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4	15 22 30 37	870 856 840 826 812	9.25 16.8 24.1 31.7 39.2	$Y_2$160L-4 $Y_2$180L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4	15 22 30 37 45
940-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	684 680 677 672	7.48 12.9 19.4 26.0	$Y_2$160M-4 $Y_2$160L-4 $Y_2$200L-4 $Y_2$200L-4	11 15 30 30	692 688 685 682 680	7.67 13.2 19.8 26.4 32.7	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4	11 18.5 30 37 45	702 700 697 694 691 688 685	7.99 13.6 20.2 26.7 33.1 39.5 45.8	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$250M-4	11 18.5 30 37 45 55 55
940-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	732 692 654 620	9.14 15.7 22.3 28.8	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4	11 18.5 30 37	755 732 710 690 671	9.14 15.7 22.3 28.8 35.3	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4	11 18.5 30 37 45	767 753 742 730 720 710 698	9.14 15.7 22.3 28.8 35.3 41.7 48.5	$Y_2$160M-4 $Y_2$180M-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	11 18.5 30 37 45 55 75

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=1450**r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
570	6.52	$Y_2$160M-4	11	572	7.07	$Y_2$160M-4	11	575	8.24	$Y_2$160M-4	11	576	9.85	$Y_2$160L-4	15
561	11.4	$Y_2$160L-4	15	566	11.9	$Y_2$160L-4	15	570	13.1	$Y_2$180M-4	18.5	573	14.7	$Y_2$180M-4	18.5
554	16.2	$Y_2$180L-4	22	560	16.7	$Y_2$180L-4	22	566	18.0	$Y_2$180L-4	22	570	19.5	$Y_2$200L-4	30
546	21.1	$Y_2$200L-4	30	554	21.6	$Y_2$200L-4	30	561	22.7	$Y_2$200L-4	30	567	24.4	$Y_2$200L-4	30
538	26.1	$Y_2$200L-4	30	549	26.4	$Y_2$225S-4	37	558	27.6	$Y_2$225S-4	37	563	29.2	$Y_2$225S-4	37
531	30.9	$Y_2$225S-4	37	542	31.4	$Y_2$225S-4	37	555	32.4	$Y_2$225M-4	45	561	34.0	$Y_2$225M-4	45
				537	36.3	$Y_2$225M-4	45	550	37.5	$Y_2$225M-4	45	558	38.8	$Y_2$225M-4	45
443	5.88	$Y_2$132M-4	7.5	445	6.39	$Y_2$160M-4	11	447	7.89	$Y_2$160M-4	11	449	9.54	$Y_2$160L-4	15
441	9.76	$Y_2$160L-4	15	444	10.3	$Y_2$160L-4	15	445	11.6	$Y_2$160L-4	15	447	13.2	$Y_2$180M-4	18.5
439	13.3	$Y_2$180M-4	18.5	442	13.9	$Y_2$180M-4	18.5	443	15.3	$Y_2$180M-4	18.5	445	16.8	$Y_2$180L-4	22
437	16.9	$Y_2$180L-4	22	439	17.9	$Y_2$180L-4	22	440	18.8	$Y_2$180L-4	22	443	21.1	$Y_2$200L-4	30
434	21.3	$Y_2$200L-4	30	437	21.6	$Y_2$200L-4	30	438	22.9	$Y_2$200L-4	30	440	24.7	$Y_2$200L-4	30
431	25.1	$Y_2$200L-4	30	435	25.6	$Y_2$200L-4	30	436	26.7	$Y_2$225S-4	37	437	28.3	$Y_2$225S-4	37
428	28.7	$Y_2$225S-4	37	432	28.9	$Y_2$225S-4	37	433	30.3	$Y_2$225S-4	37	434	32.2	$Y_2$225S-4	37
425	32.5	$Y_2$225S-4	37	429	32.7	$Y_2$225M-4	45	430	34.1	$Y_2$225M-4	45	431	36.0	$Y_2$225M-4	45
531	6.93	$Y_2$160M-4	11	533	7.68	$Y_2$160M-4	11	535	9.42	$Y_2$160L-4	15	536	11.8	$Y_2$160L-4	15
526	11.5	$Y_2$160L-4	15	529	12.2	$Y_2$160L-4	15	532	13.9	$Y_2$180M-4	18.5	534	16.2	$Y_2$180L-4	22
521	15.5	$Y_2$180M-4	18.5	526	16.7	$Y_2$180L-4	22	530	18.5	$Y_2$180L-4	22	532	20.8	$Y_2$200L-4	30
516	20.4	$Y_2$200L-4	30	522	21.1	$Y_2$200L-4	30	527	23.0	$Y_2$200L-4	30	530	25.1	$Y_2$200L-4	30
512	24.9	$Y_2$200L-4	30	519	25.6	$Y_2$200L-4	30	525	27.4	$Y_2$225S-4	37	528	29.8	$Y_2$225S-4	37
509	29.3	$Y_2$225S-4	37	516	30.1	$Y_2$225S-4	37	523	31.8	$Y_2$225S-4	37	527	34.1	$Y_2$225M-4	45
505	33.8	$Y_2$225M-4	45	513	34.6	$Y_2$225M-4	45	521	36.3	$Y_2$225M-4	45	525	38.6	$Y_2$225M-4	45
499	39.1	$Y_2$225M-4	45	510	39.1	$Y_2$225M-4	45	519	40.8	$Y_2$250M-4	55	523	43.1	$Y_2$250M-4	55
600	7.53	$Y_2$160M-4	11	603	8.28	$Y_2$160M-4	11	604	10.1	$Y_2$160L-4	15	606	12.4	$Y_2$160L-4	15
593	12.7	$Y_2$160L-4	15	598	13.4	$Y_2$180M-4	18.5	602	15.2	$Y_2$180M-4	18.5	603	17.4	$Y_2$180L-4	22
587	17.7	$Y_2$180L-4	22	593	18.5	$Y_2$180L-4	22	597	20.2	$Y_2$200L-4	30	600	22.5	$Y_2$200L-4	30
584	22.8	$Y_2$200L-4	30	589	23.5	$Y_2$200L-4	30	594	25.4	$Y_2$200L-4	30	598	27.6	$Y_2$225S-4	37
575	27.8	$Y_2$225S-4	37	584	28.6	$Y_2$225S-4	37	592	30.3	$Y_2$225S-4	37	596	32.6	$Y_2$225M-4	45
570	32.9	$Y_2$225M-4	45	580	33.7	$Y_2$225M-4	45	589	35.4	$Y_2$225M-4	45	594	37.7	$Y_2$225M-4	45
563	38.3	$Y_2$225M-4	45	575	38.8	$Y_2$225M-4	45	586	40.5	$Y_2$250M-4	55	592	42.8	$Y_2$250M-4	55
558	43.4	$Y_2$250M-4	55	570	44.1	$Y_2$250M-4	55	583	45.6	$Y_2$250M-4	55	590	47.9	$Y_2$280S-4	75
651	7.94	$Y_2$160M-4	11	653	8.70	$Y_2$160L-4	15	654	10.5	$Y_2$160L-4	15	657	12.8	$Y_2$160L-4	15
644	13.4	$Y_2$180M-4	18.5	648	14.2	$Y_2$180M-4	18.5	651	16.0	$Y_2$180M-4	18.5	654	18.2	$Y_2$180L-4	22
638	18.9	$Y_2$180L-4	22	643	19.7	$Y_2$200L-4	30	647	21.4	$Y_2$200L-4	30	651	23.8	$Y_2$200L-4	30
632	24.5	$Y_2$200L-4	30	639	25.2	$Y_2$200L-4	30	644	27.0	$Y_2$225S-4	37	649	29.2	$Y_2$225S-4	37
626	30.0	$Y_2$225S-4	37	634	30.7	$Y_2$225S-4	37	641	32.4	$Y_2$225M-4	45	646	34.9	$Y_2$225M-4	45
620	35.4	$Y_2$225M-4	45	630	36.2	$Y_2$225M-4	45	639	37.9	$Y_2$225M-4	45	644	40.2	$Y_2$250M-4	55
613	41.2	$Y_2$250M-4	55	624	42.0	$Y_2$250M-4	55	636	43.4	$Y_2$250M-4	55	642	45.7	$Y_2$250M-4	55
607	46.7	$Y_2$250M-4	55	620	47.5	$Y_2$250M-4	55	633	48.9	$Y_2$280S-4	75	640	51.2	$Y_2$280S-4	75
760	8.96	$Y_2$160M-4	15	762	9.98	$Y_2$160L-4	15	764	11.7	$Y_2$160L-4	15	766	13.9	$Y_2$180M-4	18.5
758	15.7	$Y_2$180M-4	18.5	761	16.5	$Y_2$180L-4	22	762	18.3	$Y_2$180L-4	22	764	20.6	$Y_2$200L-4	30
756	22.4	$Y_2$200L-4	30	758	23.1	$Y_2$200L-4	30	760	24.8	$Y_2$200L-4	30	762	27.2	$Y_2$225S-4	37
753	28.8	$Y_2$225S-4	37	755	29.7	$Y_2$225S-4	37	757	31.4	$Y_2$225S-4	37	760	33.9	$Y_2$225M-4	45
750	35.4	$Y_2$225M-4	45	752	36.2	$Y_2$225M-4	45	754	38.0	$Y_2$225M-4	45	757	40.7	$Y_2$250M-4	55
748	42.0	$Y_2$250M-4	55	750	42.8	$Y_2$250M-4	55	751	44.5	$Y_2$250M-4	55	755	47.0	$Y_2$250M-4	55
745	48.6	$Y_2$280S-4	75	747	49.4	$Y_2$280S-4	75	748	51.1	$Y_2$280S-4	75	752	53.6	$Y_2$280S-4	75
877	9.88	$Y_2$160L-4	15	880	10.6	$Y_2$160L-4	15	884	12.4	$Y_2$160L-4	15	886	14.6	$Y_2$180M-4	18.5
866	17.4	$Y_2$180L-4	22	872	18.1	$Y_2$180L-4	22	878	19.9	$Y_2$200L-4	30	880	22.2	$Y_2$200L-4	30
856	24.7	$Y_2$200L-4	30	864	25.5	$Y_2$200L-4	30	872	27.2	$Y_2$225S-4	37	876	29.5	$Y_2$225S-4	37
845	32.2	$Y_2$225M-4	45	857	32.9	$Y_2$225M-4	45	867	34.6	$Y_2$225M-4	45	873	36.9	$Y_2$225M-4	45
835	39.8	$Y_2$250M-4	55	850	40.3	$Y_2$250M-4	55	862	42.2	$Y_2$250M-4	55	869	44.4	$Y_2$250M-4	55
826	47.2	$Y_2$250M-4	55	841	47.9	$Y_2$250M-4	55	858	49.5	$Y_2$280S-4	75	866	51.8	$Y_2$280S-4	75
				834	55.4	$Y_2$280S-4	75	851	57.2	$Y_2$280S-4	75	862	59.2	$Y_2$280S-4	75
705	8.87	$Y_2$160L-4	15	706	9.88	$Y_2$160L-4	15	708	11.2	$Y_2$160L-4	15	710	14.4	$Y_2$180M-4	18.5
703	15.4	$Y_2$180M-4	18.5	704	15.5	$Y_2$180M-4	18.5	706	17.7	$Y_2$180L-4	22	707	21.4	$Y_2$200L-4	30
701	21.5	$Y_2$200L-4	30	702	22.4	$Y_2$200L-4	30	704	23.5	$Y_2$200L-4	30	705	27.3	$Y_2$225S-4	37
698	27.9	$Y_2$225S-4	37	700	28.9	$Y_2$225S-4	37	701	31.0	$Y_2$225S-4	37	702	33.7	$Y_2$225M-4	45
696	33.9	$Y_2$225M-4	45	697	34.8	$Y_2$225M-4	45	699	36.8	$Y_2$225M-4	45	700	40.5	$Y_2$250M-4	55
694	40.1	$Y_2$250M-4	55	695	40.2	$Y_2$250M-4	55	696	43.7	$Y_2$250M-4	55	697	46.8	$Y_2$250M-4	55
691	47.3	$Y_2$250M-4	55	692	47.9	$Y_2$250M-4	55	693	51.1	$Y_2$280S-4	75	695	53.8	$Y_2$280S-4	75
689	52.6	$Y_2$280S-4	75	690	54.4	$Y_2$280S-4	75	691	56.9	$Y_2$280S-4	75	692	60.3	$Y_2$280S-4	75
771	10.2	$Y_2$160L-4	15	775	11.0	$Y_2$160L-4	15	776	13.6	$Y_2$180M-4	18.5	779	16.5	$Y_2$180L-4	22
762	16.6	$Y_2$180L-4	22	768	17.6	$Y_2$180L-4	22	771	20.2	$Y_2$200L-4	30	775	23.3	$Y_2$200L-4	30
753	23.2	$Y_2$200L-4	30	761	24.1	$Y_2$200L-4	30	767	26.5	$Y_2$225S-4	37	772	29.8	$Y_2$225S-4	37
746	29.6	$Y_2$225S-4	37	755	30.6	$Y_2$225S-4	37	763	33.2	$Y_2$225M-4	45	769	36.3	$Y_2$225M-4	45
738	36.2	$Y_2$225M-4	45	750	37.1	$Y_2$225M-4	45	759	39.6	$Y_2$250M-4	55	766	42.6	$Y_2$250M-4	55
732	42.6	$Y_2$250M-4	55	744	43.6	$Y_2$250M-4	55	756	46.1	$Y_2$250M-4	55	763	49.3	$Y_2$280S-4	75
724	49.1	$Y_2$280S-4	75	739	50.3	$Y_2$280S-4	75	752	52.6	$Y_2$280S-4	75	760	55.8	$Y_2$280S-4	75
715	55.9	$Y_2$280S-4	75	733	56.7	$Y_2$280S-4	75	749	59.2	$Y_2$280S-4	75	757	62.2	$Y_2$280S-4	75

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=1450**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s											
		3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
940-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	890 848 811 775	10.6 18.3 26.2 33.9	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4	15 22 37 45	912 888 866 846 826 808	10.6 18.3 26.2 33.9 41.8 49.8	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	15 22 37 45 55 75	923 910 900 886 876 865 855	10.6 18.3 26.2 33.9 41.8 49.8 57.7	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280S-4	15 22 37 45 55 75 75
* 940-50	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	990 925 863	11.5 20.5 29.3	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4	15 30 37	1024 988 954 920 890	11.5 20.5 29.3 38.2 47.4	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4	15 30 37 45 55	1044 1024 1004 987 968 951	11.5 20.5 29.3 38.2 47.4 56.3	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	15 30 37 45 55 75
* 940-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	1170 1103 1043	13.2 23.4 33.8	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4	18.5 30 45	1205 1168 1133 1101	13.2 23.4 33.8 44.5	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4 $Y_2$250M-4	18.5 30 45 55	1225 1204 1184 1165 1148	13.2 23.4 33.8 44.5 54.9	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	18.5 30 45 55 75
1300-38	0.5 1.0 2.0 2.5 3.0 3.5 4.0	882 845 810 777	11.4 19.0 26.7 34.5	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4	15 22 37 45	902 880 862 842 825	11.4 19.0 26.7 34.5 42.2	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4	15 22 37 45 55	912 902 890 881 871 861 850	11.4 19.0 26.7 34.5 42.2 49.9 57.9	$Y_2$160L-4 $Y_2$180L-4 $Y_2$225S-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$250M-4 $Y_2$280S-4	15 22 37 45 55 55 75
1300-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1045 996 948 903	12.9 22.2 31.4 40.5	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$250M-4	15 30 37 55	1072 1040 1015 992 969	12.9 22.2 31.4 40.5 50.0	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$250M-4 $Y_2$280S-4	15 30 37 55 75	1088 1070 1058 1045 1030 1017 1005	12.9 22.2 31.4 40.5 50.0 59.3 68.5	$Y_2$160L-4 $Y_2$200L-4 $Y_2$225S-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280S-4 $Y_2$280M-4	15 30 37 55 75 75 90
1300-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1225 1176 1128 1083	14.5 25.1 35.9 46.8	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4 $Y_2$250M-4	18.5 30 45 55	1252 1225 1196 1170 1149	14.5 25.1 35.9 46.8 57.5	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	18.5 30 45 55 75	1270 1253 1239 1223 1211 1197 1185	14.5 25.1 35.9 46.8 57.5 68.3 79.0	$Y_2$180M-4 $Y_2$200L-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280M-4 $Y_3$315S-4	18.5 30 45 55 75 90 110
* 1300-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	1614 1532 1457	18.0 32.2 46.4	$Y_2$180L-4 $Y_2$225M-4 $Y_2$250M-4	22 45 55	1658 1613 1569 1528	18.0 32.2 46.4 61.0	$Y_2$180L-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4	22 45 55 75	1684 1658 1634 1611 1590	18.0 32.2 46.4 61.0 75.3	$Y_2$180L-4 $Y_2$225M-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280M-4	22 45 55 75 90
1700-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	1405 1344 1285 1230	17.3 29.8 42.1 54.4	$Y_2$180L-4 $Y_2$225S-4 $Y_2$250M-4 $Y_2$280S-4	22 37 55 75	1440 1405 1370 1342 1311 1282	17.3 29.8 42.1 54.4 66.9 79.2	$Y_2$180L-4 $Y_2$225S-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280S-4 $Y_2$280M-4	22 37 55 75 75 90	1460 1440 1422 1404 1386 1370 1355	17.3 29.8 42.1 54.4 66.9 79.2 91.6	$Y_2$180L-4 $Y_2$225S-4 $Y_2$250M-4 $Y_2$280S-4 $Y_2$280S-4 $Y_2$280M-4 $Y_3$315S-4	22 37 55 75 75 90 110

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=1450**r/min

Viscosity mm²/s													
75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
928	11.5	$Y_2$160L-4	15	932	12.4	$Y_2$160L-4	15	932	14.8	$Y_2$180M-4	18.5	935	17.9	$Y_3$180L-4	22
919	19.2	$Y_2$200L-4	30	925	20.2	$Y_2$200L-4	30	928	22.8	$Y_2$200L-4	30	932	25.7	$Y_2$200L-4	30
910	27.1	$Y_2$225S-4	37	918	28.1	$Y_2$225S-4	37	924	30.5	$Y_2$225S-4	37	928	33.6	$Y_2$225M-4	45
902	34.9	$Y_2$225M-4	45	912	35.8	$Y_2$225M-4	45	920	38.4	$Y_2$225M-4	45	925	41.5	$Y_2$250M-4	55
895	42.6	$Y_2$250M-4	55	907	43.7	$Y_2$250M-4	55	916	46.3	$Y_2$250M-4	55	922	49.4	$Y_2$280S-4	75
889	50.5	$Y_2$280S-4	75	900	51.5	$Y_2$280S-4	75	913	53.9	$Y_2$280S-4	75	920	57.1	$Y_2$280S-4	75
879	58.5	$Y_2$280S-4	75	896	59.3	$Y_2$280S-4	75	909	61.9	$Y_2$280S-4	75	917	64.8	$Y_2$280S-4	75
872	66.4	$Y_2$280S-4	75	888	67.4	$Y_2$280S-4	75	905	69.9	$Y_2$280M-4	90	914	72.7	$Y_2$280M-4	90
1052	12.4	$Y_2$160L-4	15	1055	13.4	$Y_2$180M-4	18.5	1060	15.8	$Y_2$180M-4	18.5	1062	18.9	$Y_2$180L-4	22
1038	21.1	$Y_2$200L-4	30	1046	22.3	$Y_2$200L-4	30	1052	24.8	$Y_2$200L-4	30	1057	27.8	$Y_2$225S-4	37
1024	30.2	$Y_2$225S-4	37	1035	31.2	$Y_2$225S-4	37	1046	33.7	$Y_2$225M-4	45	1052	36.8	$Y_2$225M-4	45
1012	39.2	$Y_2$225M-4	45	1026	40.2	$Y_2$250M-4	55	1040	42.6	$Y_2$250M-4	55	1047	45.7	$Y_2$250M-4	55
998	48.0	$Y_2$250M-4	55	1016	49.2	$Y_2$280S-4	75	1033	51.5	$Y_2$280S-4	75	1042	54.6	$Y_2$280S-4	75
985	56.6	$Y_2$280S-4	75	1007	58.0	$Y_2$280S-4	75	1027	60.5	$Y_2$280S-4	75	1037	63.5	$Y_2$280S-4	75
974	65.5	$Y_2$280S-4	75	996	67.2	$Y_2$280M-4	90	1020	69.3	$Y_2$280M-4	90	1032	72.5	$Y_2$280M-4	90
962	74.5	$Y_2$280M-4	90	988	76.1	$Y_2$280M-4	90	1013	78.5	$Y_2$280M-4	90	1028	81.3	$Y_2$280M-4	90
1232	13.9	$Y_2$180M-4	18.5	1236	14.9	$Y_2$180M-4	18.5	1240	17.4	$Y_2$180L-4	22	1242	20.5	$Y_2$200L-4	30
1218	24.4	$Y_2$200L-4	30	1225	25.4	$Y_2$200L-4	30	1233	27.8	$Y_2$225S-4	37	1237	30.8	$Y_2$225S-4	37
1203	34.8	$Y_2$225M-4	45	1215	35.7	$Y_2$225M-4	45	1226	38.4	$Y_2$225M-4	45	1232	41.5	$Y_2$250M-4	55
1192	45.2	$Y_2$250M-4	55	1205	46.2	$Y_2$250M-4	55	1220	48.6	$Y_2$280S-4	75	1226	51.8	$Y_2$280S-4	75
1177	55.8	$Y_2$280S-4	75	1197	56.7	$Y_2$280S-4	75	1212	59.2	$Y_2$280S-4	75	1222	61.2	$Y_2$280S-4	75
1166	66.2	$Y_2$280S-4	75	1186	67.2	$Y_2$280S-4	75	1206	69.5	$Y_2$280M-4	90	1216	72.5	$Y_2$280M-4	90
				1177	77.7	$Y_2$280M-4	90	1199	80.1	$Y_3$315S-4	110	1212	82.9	$Y_3$315S-4	110
918	12.5	$Y_2$160L-4	15	920	12.8	$Y_2$180M-4	18.5	922	17.4	$Y_2$180L-4	22	924	21.3	$Y_2$200L-4	30
908	20.2	$Y_2$200L-4	30	914	21.5	$Y_2$200L-4	30	918	25.0	$Y_2$200L-4	30	921	29.1	$Y_2$225S-4	37
902	28.0	$Y_2$225S-4	37	908	29.2	$Y_2$225S-4	37	914	32.8	$Y_2$225M-4	45	918	36.7	$Y_2$225M-4	45
894	35.8	$Y_2$225M-4	45	902	37.0	$Y_2$225M-4	45	910	40.5	$Y_2$250M-4	55	915	44.4	$Y_2$250M-4	55
886	43.4	$Y_2$250M-4	55	897	44.7	$Y_2$250M-4	55	907	48.2	$Y_2$280S-4	75	912	52.2	$Y_2$280S-4	75
880	51.2	$Y_2$280S-4	75	892	52.4	$Y_2$280S-4	75	903	56.1	$Y_2$280S-4	75	908	59.9	$Y_2$280S-4	75
874	58.9	$Y_2$280S-4	75	887	60.3	$Y_2$280S-4	75	900	63.7	$Y_2$280S-4	75	906	67.6	$Y_2$280S-4	75
865	66.9	$Y_2$280S-4	75	882	67.9	$Y_2$280S-4	75	896	71.4	$Y_2$280M-4	90	904	75.4	$Y_2$280M-4	90
1095	14.2	$Y_2$180M-4	18.5	1098	15.4	$Y_2$180M-4	18.5	1102	18.8	$Y_2$180L-4	22	1106	23.0	$Y_2$200L-4	30
1083	23.4	$Y_2$200L-4	30	1091	24.5	$Y_2$200L-4	30	1095	28.3	$Y_2$225S-4	37	1098	32.2	$Y_2$225M-4	45
1070	32.6	$Y_2$225M-4	45	1082	33.8	$Y_2$225M-4	45	1091	37.5	$Y_2$225M-4	45	1094	41.4	$Y_2$250M-4	55
1062	41.8	$Y_2$250M-4	55	1074	43.0	$Y_2$250M-4	55	1085	46.9	$Y_2$250M-4	55	1090	50.6	$Y_2$280S-4	75
1052	51.2	$Y_2$280S-4	75	1068	52.3	$Y_2$280S-4	75	1080	56.1	$Y_2$280S-4	75	1087	60.1	$Y_2$280S-4	75
1044	60.3	$Y_2$280S-4	75	1060	61.5	$Y_2$280S-4	75	1075	65.3	$Y_2$280S-4	75	1084	69.2	$Y_2$280M-4	90
1034	69.8	$Y_2$280M-4	90	1054	70.9	$Y_2$280M-4	90	1070	74.4	$Y_2$280M-4	90	1081	78.3	$Y_2$280M-4	90
1025	79.0	$Y_2$280M-4	90	1045	80.3	$Y_2$280M-4	90	1066	83.6	$Y_3$315S-4	110	1076	87.4	$Y_3$315S-4	110
1274	15.8	$Y_2$180M-4	18.5	1278	16.9	$Y_2$180L-4	22	1280	20.4	$Y_2$200L-4	30	1282	24.3	$Y_2$200L-4	30
1265	26.4	$Y_2$225S-4	37	1270	27.6	$Y_2$225S-4	37	1275	31.2	$Y_2$225S-4	37	1279	35.1	$Y_2$225M-4	45
1253	37.2	$Y_2$225M-4	45	1262	38.4	$Y_2$225M-4	45	1270	41.9	$Y_2$250M-4	55	1275	45.8	$Y_2$250M-4	55
1244	48.0	$Y_2$280S-4	75	1255	49.0	$Y_2$280S-4	75	1265	52.8	$Y_2$280S-4	75	1270	56.7	$Y_2$280S-4	75
1231	58.7	$Y_2$280S-4	75	1248	59.9	$Y_2$280S-4	75	1260	63.4	$Y_2$280S-4	75	1267	67.4	$Y_2$280S-4	75
1224	69.4	$Y_2$280M-4	90	1240	70.6	$Y_2$280M-4	90	1256	74.3	$Y_2$280M-4	90	1263	78.2	$Y_2$280M-4	90
1215	80.3	$Y_2$280M-4	90	1233	81.2	$Y_2$280M-4	90	1250	84.8	$Y_3$315S-4	110	1260	88.9	$Y_3$315S-4	110
1205	91.0	$Y_3$315S-4	110	1225	92.3	$Y_3$315S-4	110	1246	95.5	$Y_3$315S-4	110	1256	100	$Y_3$315S-4	110
1692	19.3	$Y_2$200L-4	30	1698	20.4	$Y_2$200L-4	30	1704	23.9	$Y_2$200L-4	30	1706	27.9	$Y_2$225S-4	37
1675	33.5	$Y_2$225M-4	45	1684	34.6	$Y_2$225M-4	45	1694	38.4	$Y_2$225M-4	45	1700	42.3	$Y_2$250M-4	55
1658	47.8	$Y_2$250M-4	55	1671	48.9	$Y_2$280S-4	75	1686	52.5	$Y_2$280S-4	75	1693	56.5	$Y_2$280S-4	75
1642	62.0	$Y_2$280S-4	75	1660	63.4	$Y_2$280S-4	75	1678	66.8	$Y_2$280S-4	75	1686	70.7	$Y_2$280M-4	90
1626	76.5	$Y_2$280M-4	90	1648	77.7	$Y_2$280M-4	90	1669	81.3	$Y_2$280M-4	90	1680	85.1	$Y_3$315S-4	110
1610	90.8	$Y_3$315S-4	110	1635	92.1	$Y_3$315S-4	110	1660	95.6	$Y_3$315S-4	110	1675	99.4	$Y_3$315S-4	110
				1624	106	$Y_3$315M-4	132	1652	110	$Y_3$315M-4	132	1668	114	$Y_3$315M-4	132
1467	18.8	$Y_2$180L-4	22	1470	20.3	$Y_2$200L-4	30	1475	25.1	$Y_2$200L-4	30	1476	30.2	$Y_2$225S-4	37
1452	31.2	$Y_2$225S-4	37	1460	32.6	$Y_2$225M-4	45	1468	37.2	$Y_2$225M-4	45	1472	42.6	$Y_2$250M-4	55
1440	43.5	$Y_2$250M-4	55	1450	44.9	$Y_2$250M-4	55	1460	49.8	$Y_2$280S-4	75	1465	54.9	$Y_2$280S-4	75
1426	55.9	$Y_2$280S-4	75	1441	57.4	$Y_2$280S-4	75	1455	62.1	$Y_2$280S-4	75	1462	67.4	$Y_2$280S-4	75
1415	68.3	$Y_2$280M-4	90	1432	69.8	$Y_2$280M-4	90	1447	74.6	$Y_2$280M-4	90	1458	79.8	$Y_2$280M-4	90
1403	80.6	$Y_2$280M-4	90	1422	82.2	$Y_3$315S-4	110	1442	86.5	$Y_3$315S-4	110	1452	91.9	$Y_3$315S-4	110
1392	92.9	$Y_3$315S-4	110	1415	94.5	$Y_3$315S-4	110	1436	99.1	$Y_3$315S-4	110	1448	104	$Y_3$315M-4	132
1382	105	$Y_3$315M-4	132	1406	107	$Y_3$315M-4	132	1430	111	$Y_3$315M-4	132	1444	117	$Y_2$315M-4	132

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed — N=1450r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
1700-46	0.5	1640	19.4	$Y_2$200L-4	30	1675	19.4	$Y_2$200L-4	30	1693	19.4	$Y_2$200L-4	30
	1.0	1578	33.6	$Y_2$225M-4	45	1640	33.6	$Y_2$225M-4	45	1675	33.6	$Y_2$225M-4	45
	1.5	1520	47.9	$Y_2$250M-4	55	1605	47.9	$Y_2$250M-4	55	1655	47.9	$Y_2$250M-4	55
	2.0	1465	62.2	$Y_2$280S-4	75	1576	62.2	$Y_2$280S-4	75	1640	62.2	$Y_2$280S-4	75
	2.5					1548	76.5	$Y_2$280M-4	90	1620	76.5	$Y_2$280M-4	90
	3.0									1606	90.9	$Y_3$315S-4	110
	3.5									1590	105	$Y_3$315M-4	132
	4.0												
2200-42	0.5	1836	22.5	$Y_2$200L-4	30	1879	22.5	$Y_2$200L-4	30	1900	22.5	$Y_2$200L-4	30
	1.0	1760	38.7	$Y_2$225M-4	45	1835	38.7	$Y_2$225M-4	45	1876	38.7	$Y_2$225M-4	45
	1.5	1692	54.8	$Y_2$280S-4	75	1794	54.8	$Y_2$280S-4	75	1853	54.8	$Y_2$280S-4	75
	2.0	1625	70.8	$Y_2$280M-4	90	1758	70.8	$Y_2$280M-4	90	1833	70.8	$Y_2$280M-4	90
	2.5					1720	86.9	$Y_2$315S-4	110	1814	86.9	$Y_3$315S-4	110
	3.0					1687	103	$Y_2$315M-4	132	1795	103	$Y_3$315M-4	132
	3.5									1776	119	$Y_3$315M-4	132
	4.0												
2200-46	0.5	2136	25.1	$Y_2$200L-4	30	2175	25.1	$Y_2$200L-4	30	2200	25.1	$Y_2$200L-4	30
	1.0	2060	43.7	$Y_2$250M-4	55	2130	43.7	$Y_2$250M-4	55	2174	43.7	$Y_2$250M-4	55
	1.5	1990	62.3	$Y_2$280S-4	75	2093	62.3	$Y_2$280S-4	75	2153	62.3	$Y_2$280S-4	75
	2.0	1922	80.9	$Y_2$280M-4	90	2056	80.9	$Y_2$280M-4	90	2131	80.9	$Y_2$280M-4	90
	2.5					2020	99.3	$Y_2$315S-4	110	2110	99.3	$Y_3$315S-4	110
	3.0									2092	118	$Y_3$315M-4	132
	3.5									2073	136	$Y_3$315L_1-4	160
	4.0												
2900-40	0.5	2542	33.6	$Y_2$225M-4	45	2589	33.6	$Y_2$225M-4	45	2615	33.6	$Y_2$225M-4	45
	1.0	2489	57.2	$Y_2$280S-4	75	2555	57.2	$Y_2$280S-4	75	2595	57.2	$Y_2$280S-4	75
	1.5	2407	81.4	$Y_2$280M-4	90	2523	81.4	$Y_2$280M-4	90	2577	81.4	$Y_2$280M-4	90
	2.0	2332	105	$Y_2$315M-4	132	2490	105	$Y_3$315M-4	132	2561	105	$Y_3$315M-4	132
	2.5					2460	129	$Y_2$315L_1-4	160	2540	129	$Y_3$315L_1-4	160
	3.0									2521	153	$Y_3$315L_1-4	160
	3.5									2503	176	$Y_3$355S_1-4	185
	4.0												
2900-46	0.5	2970	36.1	$Y_2$225M-4	45	3110	36.1	$Y_2$225M-4	45	3135	36.1	$Y_2$225M-4	45
	1.0	2897	62.5	$Y_2$280S-4	75	3054	63.7	$Y_2$280S-4	75	3119	64.1	$Y_2$280S-4	75
	1.5	2805	86.4	$Y_3$315S-4	110	3010	88.8	$Y_3$315S-4	110	3095	90.4	$Y_3$315S-4	110
	2.0					2965	105	$Y_3$315M-4	132	3074	116	$Y_3$315M-4	132
	2.5					2912	138	$Y_2$315L_1-4	160	3053	142	$Y_3$315L_1-4	160
	3.0									3026	167	$Y_3$355S_1-4	185
	3.5									3003	195	$Y_3$355M_1-4	220
	4.0												
3600-46	0.5	3426	39.4	$Y_2$250M-4	55	3485	39.4	$Y_2$250M-4	55	3516	39.4	$Y_2$250M-4	55
	1.0	3320	69.1	$Y_2$280M-4	90	3426	69.1	$Y_2$280M-4	90	3484	69.1	$Y_2$280M-4	90
	1.5	3222	98.7	$Y_3$315S-4	110	3370	98.7	$Y_3$315S-4	110	3452	98.7	$Y_3$315S-4	110
	2.0					3316	128	$Y_2$315L_1-4	160	3423	128	$Y_3$315L_1-4	160
	2.5					3266	158	$Y_2$355S_1-4	185	3395	158	$Y_3$355S_1-4	185
	3.0									3367	188	$Y_3$315L_2-4	200
	3.5									3340	218	$Y_3$355M_2-4	250
	4.0												
5300-42	0.5	4368	55.9	$Y_2$280S-4	75	4404	55.9	$Y_2$280S-4	75	4461	55.9	$Y_2$280S-4	75
	1.0	4297	93.5	$Y_3$315S-4	110	4319	93.5	$Y_3$315S-4	110	4422	93.5	$Y_3$315S-4	110
	1.5	4212	133	$Y_3$315L_1-4	160	4242	133	$Y_3$315L_1-4	160	4388	133	$Y_3$315L_1-4	160
	2.0	4141	169	$Y_2$355S_1-4	185	4170	169	$Y_3$355S_1-4	185	4355	169	$Y_3$355S_1-4	185
	2.5					4107	190	$Y_2$315L_2-4	200	4325	190	$Y_3$315L_2-4	200
	3.0									4299	232	$Y_3$355M_2-4	250
	3.5									4272	270	$Y_3$355L_2-4	315
	4.0									4242	307	$Y_4$4001-4	355
5300-46	0.5	5167	63.1	$Y_2$280S-4	75	5244	63.1	$Y_2$280S-4	75	5288	63.1	$Y_2$280S-4	75
	1.0	5025	108	$Y_3$315M-4	132	5144	108	$Y_3$315M-4	132	5243	108	$Y_3$315M-4	132
	1.5	4893	152	$Y_3$315L_1-4	160	5089	152	$Y_3$315L_1-4	160	5201	152	$Y_3$315L_1-4	160
	2.0					5018	197	$Y_3$355M_1-4	220	5162	197	$Y_3$355M_1-4	220
	2.5					4950	242	$Y_2$355L_1-4	280	5123	242	$Y_3$355L_1-4	280
	3.0									5088	287	$Y_3$355L_2-4	315
	3.5									5051	330	$Y_4$4001-4	355
	4.0												

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed — N=1450r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
1702	20.8	$Y_2$200L-4	30	1706	22.2	$Y_2$200L-4	30	1710	26.8	$Y_2$225S-4	37	1712	32.2	$Y_2$225S-4	37
1685	34.9	$Y_2$225M-4	45	1695	36.6	$Y_2$225M-4	45	1702	41.2	$Y_2$250M-4	55	1706	46.6	$Y_2$250M-4	55
1673	49.5	$Y_2$280S-4	75	1684	50.9	$Y_2$280S-4	75	1695	55.6	$Y_2$280S-4	75	1700	60.9	$Y_2$280S-4	75
1662	63.8	$Y_2$280S-4	75	1675	65.3	$Y_2$280S-4	75	1688	69.9	$Y_2$280M-4	90	1696	75.0	$Y_2$280M-4	90
1650	78.0	$Y_2$280M-4	90	1666	79.6	$Y_2$280M-4	90	1683	84.4	$Y_3$315S-4	110	1690	89.6	$Y_3$315S-4	110
1638	92.5	Y315S-4	110	1657	93.9	$Y_3$315S-4	110	1677	98.7	$Y_3$315S-4	110	1686	105	$Y_3$315M-4	132
1628	107	$Y_3$315M-4	132	1650	108	$Y_3$315M-4	132	1670	114	$Y_3$315M-4	132	1682	118	$Y_3$315M-4	132
1616	121	$Y_3$315M-4	132	1642	123	$Y_3$315M-4	132	1666	127	$Y_3$315L_1-4	160	1678	132	$Y_3$315L_1-4	160
1910	24.4	$Y_2$200L-4	30	1915	26.2	$Y_2$225S-4	37	1920	32.8	$Y_2$225M-4	45	1923	38.5	$Y_2$225M-4	45
1892	40.3	$Y_2$250M-4	55	1902	42.3	$Y_2$250M-4	55	1911	47.9	$Y_2$250M-4	55	1916	54.5	$Y_2$280S-4	75
1876	56.5	$Y_2$280S-4	75	1890	57.3	$Y_2$280S-4	75	1903	64.0	$Y_2$280S-4	75	1910	70.5	$Y_2$280M-4	90
1862	72.6	$Y_2$280M-4	90	1878	74.4	$Y_2$280M-4	90	1896	79.9	$Y_2$280M-4	90	1903	86.5	$Y_3$315S-4	110
1847	88.8	$Y_3$315S-4	110	1867	90.5	$Y_3$315S-4	110	1888	96.3	$Y_3$315S-4	110	1898	104	$Y_3$315M-4	132
1835	105	$Y_3$315M-4	132	1858	107	$Y_3$315M-4	132	1880	112	$Y_3$315M-4	132	1892	119	$Y_3$315M-4	132
1820	121	$Y_3$315M-4	132	1848	123	$Y_3$315M-4	132	1873	128	$Y_3$315L_1-4	160	1886	135	$Y_3$315L_1-4	160
1807	137	$Y_3$315L_1-4	160	1837	139	$Y_3$315L_1-4	160	1866	144	$Y_3$315L_1-4	160	1882	151	$Y_3$315L_1-4	160
2208	26.9	$Y_2$225S-4	37	2212	28.6	$Y_2$225S-4	37	2219	34.2	$Y_2$225M-4	45	2221	40.8	$Y_2$250M-4	55
2190	45.4	$Y_2$250M-4	55	2200	47.3	$Y_2$250M-4	55	2210	52.9	$Y_2$280S-4	75	2214	59.5	$Y_2$280S-4	75
2176	63.9	$Y_2$280S-4	75	2188	65.8	$Y_2$280S-4	75	2202	71.5	$Y_2$280M-4	90	2208	78.2	$Y_2$280M-4	90
2160	82.5	$Y_3$315S-4	110	2176	84.5	$Y_3$315S-4	110	2194	89.9	$Y_3$315S-4	110	2202	96.5	$Y_3$315S-4	110
2144	102	$Y_3$315M-4	132	2165	103	$Y_3$315M-4	132	2187	108	$Y_3$315M-4	132	2196	115	$Y_3$315M-4	132
2130	120	$Y_3$315M-4	132	2155	121	$Y_3$315M-4	132	2178	127	$Y_3$315L_1-4	160	2190	134	$Y_3$315L_1-4	160
2120	138	$Y_3$315L_1-4	160	2145	140	$Y_3$315L_1-4	160	2171	146	$Y_3$315L_1-4	160	2185	152	$Y_3$315L_1-4	160
2104	156	$Y_3$355S_1-4	185	2135	159	$Y_3$355S_1-4	185	2164	165	$Y_3$355S_1-4	185	2180	172	$Y_3$355S_1-4	185
2628	36.0	$Y_2$225M-4	45	2633	39.1	$Y_2$225M-4	45	2639	48.3	$Y_2$280S-4	75	2644	57.2	$Y_2$280S-4	75
2620	60.0	$Y_2$280S-4	75	2625	62.9	$Y_2$280S-4	75	2633	72.4	$Y_2$280M-4	90	2640	81.0	$Y_2$280M-4	90
2607	83.8	$Y_3$315S-4	110	2614	86.6	$Y_3$315S-4	110	2628	95.8	$Y_3$315S-4	110	2636	105	$Y_3$315M-4	132
2592	107	$Y_3$315M-4	132	2598	110	$Y_3$315M-4	132	2612	120	$Y_3$315M-4	132	2619	129	$Y_3$315L_1-4	160
2580	132	$Y_3$315L_1-4	160	2585	134	$Y_3$315L_1-4	160	2600	144	$Y_3$315L_1-4	160	2609	153	$Y_3$355S_1-4	185
2567	155	$Y_3$355S_1-4	185	2573	158	$Y_3$355S_1-4	185	2586	167	$Y_3$355S_1-4	185	2595	176	$Y_3$355S_1-4	185
2553	179	$Y_3$315L_2-4	200	2560	182	$Y_3$315L_2-4	200	2574	191	$Y_3$315L_2-4	200	2585	200	$Y_3$355M_1-4	220
2539	203	$Y_3$355M_1-4	220	2544	206	$Y_3$355M_1-4	220	2558	215	$Y_3$355M_2-4	250	2567	224	$Y_3$355M_2-4	250
3150	38.8	$Y_2$225M-4	45	3155	42.3	$Y_2$250M-4	55	3162	51.2	$Y_2$280S-4	75	3166	60.1	$Y_2$280S-4	75
3125	65.6	$Y_2$280S-4	75	3132	67.4	$Y_2$280S-4	75	3140	76.8	$Y_2$280M-4	90	3146	86.3	$Y_3$315S-4	110
3103	91.7	$Y_3$315S-4	110	3110	94.6	$Y_3$315S-4	110	3117	104	$Y_3$315S-4	110	3123	113	$Y_3$315M-4	132
3089	118	$Y_3$315M-4	132	3096	120	$Y_3$315M-4	132	3104	130	$Y_3$315L_1-4	160	3111	140	$Y_3$315L_1-4	160
3066	147	$Y_3$315L_1-4	160	3074	151	$Y_3$315L_1-4	160	3082	156	$Y_3$355S_1-4	185	3089	166	$Y_3$355S_1-4	185
3043	172	$Y_3$355S_1-4	185	3048	172	$Y_3$355S_1-4	185	3055	181	$Y_3$315L_2-4	200	3062	191	$Y_3$315L_2-4	200
3023	197	$Y_3$355M_1-4	220	3027	200	$Y_3$355M_1-4	220	3036	210	$Y_3$355M_1-4	220	3042	218	$Y_3$355M_2-4	250
3004	223	$Y_3$355M_2-4	250	3010	225	$Y_3$355M_2-4	250	3015	235	$Y_3$355M_2-4	250	3024	242	$Y_3$355L_1-4	280
3530	41.9	$Y_2$250M-4	55	3536	44.9	$Y_2$250M-4	55	3544	54.2	$Y_2$280S-4	75	3546	62.9	$Y_2$280S-4	75
3506	71.5	$Y_2$280M-4	90	3518	74.6	$Y_2$280M-4	90	3533	83.6	$Y_3$315S-4	110	3538	92.6	$Y_3$315S-4	110
3485	101	$Y_3$315S-4	110	3502	105	$Y_3$315M-4	132	3520	113	$Y_3$315M-4	132	3530	122	$Y_3$315M-4	132
3462	131	$Y_3$315L_1-4	160	3486	134	$Y_3$315L_1-4	160	3510	142	$Y_3$315L_1-4	160	3520	152	$Y_3$315L_1-4	160
3443	160	$Y_3$355S_1-4	185	3472	163	$Y_3$355S_1-4	185	3500	173	$Y_3$355S_1-4	185	3512	182	$Y_3$315L_2-4	200
3423	190	$Y_3$315L_2-4	200	3456	193	$Y_3$355M_1-4	220	3490	202	$Y_3$355M_1-4	220	3505	211	$Y_3$355M_2-4	250
3405	220	$Y_3$355M_2-4	250	3442	223	$Y_3$355M_2-4	250	3478	232	$Y_3$355M_2-4	250	3497	242	$Y_3$355L_1-4	280
3386	249	$Y_3$355L_1-4	280	3427	252	$Y_3$355L_1-4	280	3469	262	$Y_3$355L_1-4	280	3490	270	$Y_3$355L_2-4	315
4474	61.2	$Y_2$280S-4	75	4480	66.6	$Y_2$280S-4	75	4490	84.5	$Y_3$315S-4	110	4493	100	$Y_3$315S-4	110
4445	99.0	$Y_3$315S-4	110	4460	105	$Y_3$315M-4	132	4475	122	$Y_3$315M-4	132	4483	138	$Y_3$315L_1-4	160
4421	137	$Y_3$315L_1-4	160	4442	142	$Y_3$315L_1-4	160	4463	160	$Y_3$355S_1-4	185	4474	178	$Y_3$315L_2-4	200
4400	174	$Y_3$355S_1-4	185	4425	180	$Y_3$355M_1-4	220	4450	197	$Y_3$355M_1-4	220	4462	215	$Y_3$355M_2-4	250
4378	210	$Y_3$355M_2-4	250	4408	214	$Y_3$355M_2-4	250	4435	243	$Y_3$355L_1-4	280	4448	250	$Y_3$355L_1-4	280
4352	252	$Y_3$355L_1-4	280	4385	252	$Y_3$355L_1-4	280	4421	270	$Y_3$355L_2-4	315	4434	286	$Y_3$355L_2-4	315
4329	288	$Y_3$355L_2-4	315	4366	293	$Y_3$355L_2-4	315	4404	309	$Y_4$4001-4	355	4420	322	$Y_4$4001-4	355
4305	326	$Y_4$4001-4	355	4344	329	$Y_4$4001-4	355	4389	348	$Y_4$4002-4	400	4405	367	$Y_4$4002-4	400
5304	68.1	$Y_2$280S-4	75	5313	73.4	$Y_2$280M-4	90	5322	91.2	$Y_3$315S-4	110	5327	107	$Y_3$315M-4	132
5272	113	$Y_3$315M-4	132	5289	117	$Y_3$315M-4	132	5306	136	$Y_3$315L_1-4	160	5315	152	$Y_3$315L_1-4	160
5243	157	$Y_3$355S_1-4	185	5267	162	$Y_3$355S_1-4	185	5290	179	$Y_3$315L_2-4	200	5302	197	$Y_3$355M_1-4	220
5214	202	$Y_3$355M_1-4	220	5246	207	$Y_3$355M_1-4	220	5275	226	$Y_3$355M_2-4	220	5291	242	$Y_3$355L_1-4	280
5187	248	$Y_3$355L_1-4	280	5225	253	$Y_3$355L_1-4	280	5260	270	$Y_3$355L_2-4	315	5281	287	$Y_3$355L_2-4	315
5161	292	$Y_3$355L_2-4	315	5205	297	$Y_3$355L_2-4	315	5245	315	$Y_4$4001-4	355	5270	333	$Y_4$4001-4	355
5135	337	$Y_4$4001-4	355	5185	343	$Y_4$4002-4	400	5232	359	$Y_4$4002-4	400	5258	376	$Y_4$4002-4	400
5109	381	$Y_4$4002-4	400	5164	387	$Y_4$4003-4	450	5218	404	$Y_4$4003-4	450	5249	424	$Y_4$4003-4	450

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=2900**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
20-38	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	27.2 25.6 22.9	0.49 0.74 1.04	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90S-2	0.75 1.5 1.5	28.4 27.6 25.9 25.2	0.50 0.77 1.14 1.28	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90S-2 $Y_2$90L-2	0.75 1.5 1.5 2.2	29.0 28.4 27.3 26.9 26.4	0.50 0.79 1.28 1.32 1.51	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$90L-2	0.75 1.5 2.2 2.2 2.2
20-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	35.6 34.1 30.9	0.58 0.89 1.26	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90L-2	0.75 1.5 2.2	38.1 36.7 34.7 33.6	0.58 0.89 1.35 1.60	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2	0.75 1.5 2.2 2.2	38.5 37.9 36.4 35.8 35.2	0.58 0.89 1.45 1.60 1.90	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2	0.75 1.5 2.2 2.2 3.0
40-38	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	59.3 56.2 53.2	1.12 1.65 2.18	$Y_2$90S-2 $Y_2$90L-2 $Y_2$100L-2	1.5 2.2 3.0	61.2 59.5 58.2 57.0	1.12 1.65 2.18 2.70	$Y_2$90S-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2	1.5 2.2 3.0 4.0	61.9 61.1 60.4 59.6 59.0	1.12 1.65 2.18 2.70 3.22	$Y_2$90S-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2	1.5 2.2 3.0 4.0 5.5
40-46	0.5 1.0 1.5 2.0 2.5	79.2 75.8 72.4	1.28 1.97 2.72	$Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2	2.2 3.0 4.0	81.6 80.0 78.3 76.7	1.28 1.97 2.72 3.40	$Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2	2.2 3.0 4.0 5.5	82.6 81.6 80.4 79.3 78.0	1.28 1.97 2.72 3.40 4.10	$Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2	2.2 3.0 4.0 5.5 5.5
* 40-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5	104 97.5	1.56 2.48	$Y_2$90L-2 $Y_2$112M-2	2.2 4.0	108 104 100	1.56 2.48 3.45	$Y_2$90L-2 $Y_2$112M-2 $Y_2$132S_1-2	2.2 4.0 5.5	110 108 106 104	1.56 2.48 3.45 4.39	$Y_2$90L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2	2.2 4.0 5.5 5.5
80-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	108 103 98.5	2.10 3.06 4.02	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2	3.0 4.0 5.5	110 108 105 102	2.10 3.06 4.02 4.96	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2	3.0 4.0 5.5 7.5	112 110 109 108 106	2.10 3.06 4.02 4.96 5.93	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2	3.0 4.0 5.5 7.5 7.5
80-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	131 123 117	2.01 3.17 4.54	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_2-2	3.0 4.0 7.5	134 130 126 123	2.06 3.25 4.67 5.66	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_2-2 $Y_2$132S_2-2	3.0 4.0 7.5 7.5	136 134 132 131 130	2.12 3.36 4.78 5.73 6.89	$Y_2$100L-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2	3.0 5.5 7.5 7.5 11
80-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	154 148 141	2.41 3.77 4.99	$Y_2$100L-2 $Y_2$132S_1-2 $Y_2$132S_2-2	3.0 5.5 7.5	159 155 151 147	2.41 3.77 4.99 6.51	$Y_2$100L-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2	3.0 5.5 7.5 11	162 160 157 154 152	2.41 3.77 4.99 6.51 7.89	$Y_2$100L-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2	3.0 5.5 7.5 11 11
* 80-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	202 191	2.65 4.46	$Y_2$112M-2 $Y_2$132S_2-2	4.0 7.5	208 202 196	2.65 4.46 6.24	$Y_2$112M-2 $Y_2$132S_2-2 $Y_2$132S_2-2	4.0 7.5 7.5	212 208 205 202	2.65 4.46 6.24 8.05	$Y_2$112M-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2	4.0 7.5 7.5 11

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

Rotating Speed **N=2900**r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
29.7 29.1 28.0 27.5 27.1 26.6 26.2 25.6	0.58 0.88 1.32 1.38 1.60 1.89 2.10 2.35	$Y_2$80M_1-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2	0.75 1.5 2.2 2.2 3.0 3.0 3.0 4.0	29.9 29.3 28.3 28.0 27.5 27.2 27.2 26.4	0.74 1.03 1.51 1.56 1.84 2.03 2.25 2.53	$Y_2$80M_2-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2	1.1 1.5 2.2 2.2 3.0 3.0 3.0 4.0	30.1 29.7 29.2 28.8 28.5 28.1 27.7 27.3	0.98 1.25 1.60 1.75 2.01 2.25 2.48 2.78	$Y_2$90S-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2	1.5 2.2 2.2 2.2 3.0 3.0 4.0 4.0	30.2 29.8 29.4 29.0 28.8 28.3 27.9 27.6	1.26 1.49 1.76 1.99 2.30 2.50 2.76 3.01	$Y_2$90L-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$112M-2	2.2 2.2 2.2 3.0 3.0 4.0 4.0 4.0
38.9 38.2 36.7 36.2 35.8 35.3 34.8 34.3	0.66 0.99 1.54 1.68 2.02 2.35 2.68 3.01	$Y_2$80M_2-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$112M-2	1.1 1.5 2.2 3.0 3.0 4.0 4.0 4.0	39.2 38.3 37.0 36.5 36.1 35.7 35.2 34.7	0.88 1.18 1.66 1.88 2.26 2.58 2.91 3.24	$Y_2$80M_2-2 $Y_2$90S-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$112M-2	1.1 1.5 2.2 3.0 3.0 4.0 4.0 4.0	39.6 38.4 37.2 36.8 36.5 36.0 35.7 35.2	1.06 1.40 1.70 2.13 2.40 2.71 3.15 3.45	$Y_2$90L-2 $Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$132S_1-2	2.2 2.2 2.2 3.0 3.0 4.0 4.0 5.5	39.8 38.6 37.6 37.1 36.7 36.2 35.9 35.5	1.50 1.65 1.99 2.51 2.72 2.99 3.45 3.75	$Y_2$90L-2 $Y_2$90L-2 $Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2	2.2 2.2 3.0 3.0 4.0 4.0 5.5 5.5
62.1 61.6 61.0 60.3 60.0 59.6 59.2 57.6	1.40 1.92 2.45 2.98 3.51 4.04 4.56 5.10	$Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2	2.2 3.0 4.0 4.0 5.5 5.5 7.5 7.5	62.3 61.8 61.3 60.8 60.4 59.9 59.5 59.1	1.80 2.34 2.86 3.38 3.90 4.44 4.96 5.48	$Y_2$100L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2	3.0 3.0 4.0 5.5 5.5 7.5 7.5 7.5	62.5 62.3 62.2 61.7 61.6 61.3 61.2 61.0	2.29 2.80 3.35 3.86 4.39 4.91 5.45 5.97	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2	3.0 4.0 5.5 5.5 5.5 7.5 7.5 7.5	62.7 62.4 62.3 62.2 62.1 61.9 61.8 61.6	3.16 3.69 4.20 4.74 5.27 5.79 6.32 6.85	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2	4.0 5.5 5.5 7.5 7.5 7.5 11 11
83.0 82.3 81.6 81.0 80.3 79.6 77.8 77.0	1.58 2.28 2.99 3.69 4.36 5.06 5.80 6.51	$Y_2$90L-2 $Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2	2.2 3.0 4.0 5.5 5.5 7.5 7.5 11	83.2 82.5 81.9 81.4 80.7 80.0 79.5 78.7	1.98 2.68 3.38 4.09 4.79 5.49 6.17 6.91	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2	3.0 4.0 5.5 5.5 7.5 7.5 7.5 11	83.5 83.2 83.0 82.7 82.4 82.2 81.9 81.6	2.46 3.17 3.86 4.57 5.27 5.96 6.67 7.36	$Y_2$112M-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2	4.0 4.0 5.5 7.5 7.5 7.5 11 11	83.7 83.6 83.2 83.1 82.9 82.7 82.5 82.3	3.35 4.05 4.72 5.44 6.15 6.85 7.55 8.23	$Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2	5.5 5.5 7.5 7.5 7.5 11 11 11
111 109 108 107 105	1.84 2.78 3.70 4.65 5.60	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2	3.0 4.0 5.5 7.5 7.5	111 110 109 108 107 106 105	2.22 3.16 4.11 5.05 5.99 6.95 7.89	$Y_2$100L-2 $Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2	3.0 4.0 5.5 7.5 7.5 11 11	112 111 110 109 108 107 106	2.73 3.65 4.58 5.55 6.48 7.42 8.37	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2	4.0 5.5 7.5 7.5 11 11 11	113 112 111 110 109 108 107	3.60 4.54 5.46 6.40 7.35 8.28 9.23	$Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2	5.5 7.5 7.5 11 11 11 15
113 112 110 109 108 107 106 101	2.46 3.42 4.38 5.34 6.33 7.30 8.10 8.70	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2	4.0 5.5 5.5 7.5 11 11 11 11	114 113 112 112 111 110 109 108	2.68 3.64 4.60 5.55 6.54 7.48 8.50 9.40	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2	4.0 5.5 7.5 7.5 11 11 11 15	114 114 113 113 112 112 111 111	3.66 4.72 5.60 6.53 7.49 8.45 9.41 10.4	$Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2	5.5 7.5 7.5 11 11 11 15 15	114 114 114 113 113 112 112 112	4.88 5.84 6.80 7.75 8.71 9.57 10.6 11.6	$Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160M_2-2	7.5 7.5 11 11 11 15 15 15
137 135 133 132 131 130 128 127	2.44 3.66 4.78 5.98 7.21 8.32 9.57 10.7	$Y_2$100L-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2	3.0 5.5 7.5 7.5 11 11 15 15	138 136 135 134 133 132 130 129	2.99 4.22 5.38 6.48 7.68 8.91 10.1 11.3	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2	4.0 5.5 7.5 11 11 11 15 15	139 137 136 135 134 133 132 131	3.77 4.88 6.12 7.28 8.41 9.63 10.7 11.9	$Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2	5.5 7.5 7.5 11 11 11 15 15	140 138 137 136 135 134 133 132	4.97 6.17 7.41 8.51 9.69 10.7 11.9 13.2	$Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2	7.5 7.5 11 11 15 15 15 18.5
162 160 159 158 156 155 152 150	2.76 4.12 5.42 6.87 8.13 9.60 11.0 12.4	$Y_2$112M-2 $Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160M_2-2	4.0 5.5 7.5 11 11 15 15 15	163 161 160 159 158 157 156 154	3.19 4.55 5.92 7.28 8.64 9.98 11.4 12.9	$Y_2$112M-2 $Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160M_2-2	4.0 7.5 7.5 11 11 15 15 15	163 162 161 160 159 158 157 156	3.78 5.23 6.51 7.97 9.33 10.8 12.1 13.5	$Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2	5.5 7.5 11 11 15 15 15 18.5	163 163 162 161 161 160 160 159	4.99 6.35 7.63 8.99 10.5 11.8 13.2 14.7	$Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2 $Y_2$160L-2	7.5 11 11 11 15 15 18.5 18.5
213 211 208 206 204	3.00 4.81 6.60 8.42 10.2	$Y_2$112M-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2	4.0 7.5 11 11 15	214 212 210 208 207 205 202 200	3.53 5.33 7.12 8.92 10.7 12.6 14.5 16.2	$Y_2$132S_1-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2 $Y_2$180M-2	5.5 7.5 11 11 15 15 18.5 22	214 213 212 211 210 209 207 205	4.20 6.02 7.81 9.60 11.4 13.3 15.1 16.9	$Y_2$132S_2-2 $Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2 $Y_2$160L-2 $Y_2$180M-2	5.5 7.5 11 15 15 18.5 18.5 22	215 214 213 212 211 210 209 208	5.32 7.14 8.93 10.7 12.6 14.3 16.2 17.9	$Y_2$132S_2-2 $Y_2$160M_1-2 $Y_2$160M_1-2 $Y_2$160M_2-2 $Y_2$160M_2-2 $Y_2$160L-2 $Y_2$180M-2 $Y_2$180M-2	7.5 11 11 15 15 18.5 22 22

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

Rotating Speed **N=2900**r/min

Size	Pressure P (Mpa)	Viscosity mm²/s: 3				12				40			
		Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)
120-42	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	188 179 171	3.13 4.78 6.45	$Y_2112M-2$ Y_2132S_2-2 Y_2160M_1-2	4.0 7.5 11	193 188 183 180	3.13 4.78 6.45 8.14	$Y_2112M-2$ Y_2132S_2-2 Y_2160M_1-2 Y_2160M_1-2	4.0 7.5 11 11	196 193 190 188 185	3.13 4.78 6.45 8.14 9.78	$Y_2112M-2$ Y_2132S_2-2 Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2	4.0 7.5 11 11 15
120-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	224 215 207	3.45 5.38 7.36	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2	5.5 7.5 11	230 224 219 215	3.45 5.38 7.36 9.33	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2	5.5 7.5 11 15	232 230 226 224 221	3.45 5.38 7.36 9.33 11.3	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2	5.5 7.5 11 15 15
* 120-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	296 282	4.06 6.68	Y_2132S_1-2 Y_2160M_1-2	5.5 11	304 296 289	4.06 6.68 9.32	Y_2132S_1-2 Y_2160M_1-2 Y_2160M_2-2	5.5 11 15	308 304 300 296	4.06 6.68 9.32 11.9	Y_2132S_1-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2	5.5 11 15 15
210-36	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	270 262 255 240	4.42 6.80 9.22 11.5	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2	7.5 11 15 15	280 276 271 267 262	4.42 6.80 9.22 11.6 13.9	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$	7.5 11 15 15 18.5	286 283 280 278 276 274	4.42 6.80 9.22 11.6 14.1 16.4	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$	7.5 11 15 15 18.5 22
210-40	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	321 311 301 292	5.03 7.82 10.6 13.4	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$	7.5 11 15 18.5	326 320 316 311 306	5.03 7.82 10.6 13.4 16.2	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$	7.5 11 15 18.5 22	330 326 323 320 317 314	5.03 7.82 10.6 13.4 16.2 18.9	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ $Y_2180M-2$	7.5 11 15 18.5 22 22
210-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	402 388 375 363	5.76 9.26 12.8 16.3	Y_2132S_2-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2180M-2$	7.5 15 15 22	410 402 394 388 380	5.76 9.26 12.8 16.3 17.9	Y_2132S_2-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2180M-2$ $Y_2180M-2$	7.5 15 15 22 22	414 409 405 401 398 394	5.76 9.26 12.8 16.3 17.9 23.4	Y_2132S_2-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2180M-2$ $Y_2180M-2$ Y_2200L_1-2	7.5 15 15 22 22 30
210-50	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	426 414	5.99 10.0	Y_2132S_2-2 Y_2160M_2-2	7.5 15	438 435 433	6.21 10.3 14.2	Y_2132S_2-2 Y_2160M_2-2 $Y_2160L-2$	7.5 15 18.5	444 441 437 435	6.39 10.6 14.6 18.4	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$	11 15 18.5 22
* 210-54	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	532 510	6.93 11.6	Y_2160M_1-2 Y_2160M_2-2	11 15	545 532 521	6.93 11.6 16.2	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$	11 15 22	551 544 538 532	6.93 11.6 16.2 21.0	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2	11 15 22 30
280-43	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	472 455 440 425	7.55 11.7 15.8 19.9	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ Y_2200L_1-2	11 15 18.5 30	481 472 463 455 447	7.55 11.7 15.8 19.9 24.0	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_1-2	11 15 18.5 30 30	486 481 476 472 467 463 459	7.55 11.7 15.8 19.9 24.1 28.2 32.2	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2	11 15 18.5 30 30 37 37
280-46	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	538 522 506 490	8.08 12.8 17.5 22.2	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2	11 15 22 30	548 538 530 521 512	8.08 12.8 17.5 22.2 26.8	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2	11 15 22 30 37	552 547 542 538 533 528 523	8.08 12.8 17.5 22.2 26.8 31.7 36.3	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2 $Y_2225M-2$	11 15 22 30 37 37 45

1. "*"indicates this type of pump can be selected under the condition that there are not cavitations. It is suggested that the medium above 380mm²/s not be selected.
2. If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table, please contact with the technical department of our company. And our company will provide the satisfactory services to you.

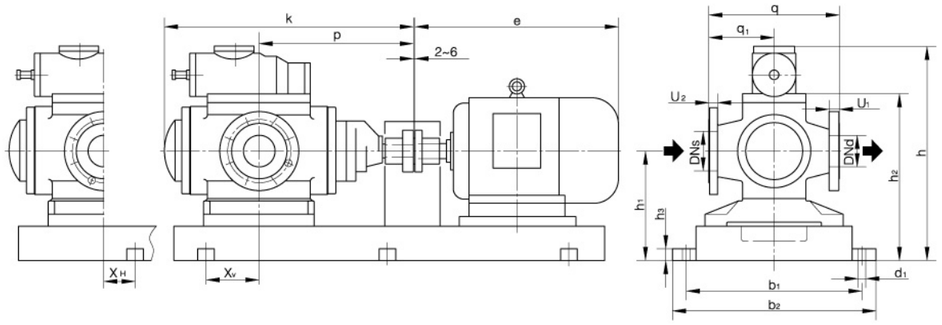
Rotating Speed **N=2900**r/min

Viscosity mm²/s: 75				150				380				760			
Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	Motor Type	Motor Power W(kw)	Flow Q (l/min)	Shaft Power W(kw)	型号 Motor Type	Motor Power W(kw)
197 195 193 191 189 188 186 185	3.64 5.30 6.99 8.65 10.4 12.1 13.6 15.5	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$	5.5 7.5 11 11 15 15 18.5 18.5	198 197 195 194 193 191 190 189	4.40 6.06 7.73 9.39 11.2 12.8 14.5 16.1	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$	5.5 7.5 11 15 15 15 18.5 22	199 198 197 196 195 194 193 192	5.53 7.20 8.84 10.5 12.2 13.8 15.6 17.2	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$	7.5 11 11 15 15 18.5 18.5 22	199 198 197 196 195 194 193 192	7.43 9.10 10.9 12.5 14.2 15.8 17.5 19.2	Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2	11 11 15 15 18.5 18.5 22 30
233 231 229 227 225 224 221 220	3.95 5.90 7.87 9.84 11.9 13.9 15.9 17.8	Y_2132S_1-2 Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$	5.5 7.5 11 15 15 18.5 18.5 22	234 233 231 230 229 227 225 224	4.69 6.66 8.63 10.6 12.7 14.6 16.6 18.6	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2	7.5 11 11 15 15 18.5 22 30	234 233 232 231 230 229 228 227	5.84 7.79 9.74 11.8 13.8 15.6 17.7 19.6	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2	7.5 11 15 15 18.5 18.5 22 30	234 233 232 232 231 231 230 230	7.75 9.72 11.7 13.7 15.7 17.6 19.5 21.6	Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2	11 15 15 18.5 18.5 22 30 30
310 307 304 301 299	4.58 7.20 9.84 12.4 15.1	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$	7.5 11 15 15 18.5	311 309 306 304 302 300 297 295	5.35 7.95 10.7 13.3 15.8 18.5 21.2 23.9	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2	7.5 11 15 18.5 18.5 22 30 30	312 310 309 307 306 305 303 300	6.45 9.08 11.7 14.4 16.9 19.5 22.3 24.9	Y_2160M_1-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2	11 11 15 18.5 22 30 30 30	312 311 310 309 308 307 306 305	8.40 11.0 13.7 16.2 18.8 21.6 24.2 26.8	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2	11 15 18.5 22 22 30 30 37
288 287 285 283 281 279 277 275	5.10 7.42 9.83 12.3 14.8 17.1 19.5 21.9	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2	7.5 11 15 15 18.5 22 30 30	289 288 286 285 284 283 281 280	5.71 8.24 10.6 13.1 15.4 18.0 20.4 22.8	Y_2132S_2-2 Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2	7.5 11 15 18.5 18.5 22 30 30	290 289 288 287 286 285 284 283	7.71 10.1 12.5 15.1 17.4 19.3 21.8 24.2	Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2	11 15 15 18.5 22 30 30 30	290 290 289 289 288 287 287 286	10.2 12.6 15.1 17.5 20.1 21.4 23.8 26.3	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2	15 15 18.5 22 30 30 30 37
331 329 327 325 323 321 319 315	5.75 8.54 11.3 14.2 16.9 19.6 22.4 25.4	Y_2132S_2-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2	7.5 11 15 18.5 22 30 30 30	332 330 329 327 326 324 323 322	6.90 9.69 12.5 15.3 18.1 20.8 23.6 26.5	Y_2160M_1-2 Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2	11 15 15 18.5 22 30 30 37	333 331 330 329 328 327 326 325	8.80 11.6 14.4 17.2 20.1 22.7 25.5 28.3	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2	11 15 18.5 22 30 30 30 37	333 332 331 330 329 328 328 327	11.7 14.5 17.3 20.2 22.9 25.7 28.4 31.2	Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2	15 18.5 22 30 30 30 37 37
415 412 410 407 404 402 399 395	6.48 10.0 13.6 17.0 20.6 24.1 27.6 31.1	Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2	11 15 18.5 22 30 30 37 37	417 415 413 411 409 407 405 402	7.63 11.2 14.6 18.2 21.6 25.2 28.6 32.3	Y_2160M_2-2 Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$	11 15 18.5 22 30 30 37 45	417 415 414 413 412 411 410 408	9.56 13.1 16.5 20.1 23.6 27.0 30.6 34.1	Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2 $Y_2225M-2$	15 18.5 22 30 30 37 37 45	418 416 415 414 413 412 411 410	12.6 16.1 19.7 23.0 26.6 30.1 33.5 37.0	Y_2160M_1-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$	15 18.5 30 30 37 37 45 45
447 443 440 437 433 430 426	7.11 11.4 15.4 19.5 23.6 27.1 31.7	Y_2160M_1-2 Y_2160M_2-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2	11 15 18.5 30 30 37 37	448 444 441 438 434 431 427 422	8.22 12.6 16.4 20.6 24.7 28.9 32.7 37.1	Y_2160M_2-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$	11 15 22 30 30 37 45 45	449 445 442 439 435 432 429 424	10.3 14.6 18.5 22.5 26.7 30.8 34.9 39.2	Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2250M-2$	15 18.5 22 30 37 37 45 55	450 446 443 440 436 433 430 425	13.2 17.5 21.5 25.1 29.6 33.7 37.8 42.1	$Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$	18.5 22 30 30 37 45 45 55
554 549 544 540 536	7.65 12.3 17.1 21.6 26.3	Y_2160M_1-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2	11 15 22 30 37	555 552 548 545 542 539 533 530	8.79 13.6 18.1 22.8 27.6 32.2 37.0 41.7	Y_2160M_1-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2250M-2$	11 18.5 22 30 37 37 45 55	557 554 552 550 547 545 543 539	10.7 15.5 20.1 24.7 29.4 34.1 38.7 43.7	Y_2160M_1-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$	15 18.5 30 30 37 45 45 55	558 556 554 552 550 548 546 545	13.6 18.4 23.1 27.7 32.3 37.1 41.6 46.4	$Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$ $Y_2250M-2$	18.5 22 30 37 45 45 55 55
488 485 482 478 475 472 470 465	8.69 12.8 17.0 21.1 25.2 29.4 33.5 37.7	Y_2160M_2-2 Y_2160M_2-2 $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$	11 15 22 30 30 37 45 45	490 487 484 482 479 477 475 473	10.4 14.5 18.6 22.8 26.8 30.9 35.1 39.2	Y_2160M_2-2 $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2250M-2$	15 18.5 22 30 37 37 45 55	491 489 487 486 484 482 480 478	13.5 17.6 21.6 25.8 29.9 34.1 38.2 42.3	$Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$	18.5 22 30 30 37 45 45 55	492 491 489 488 487 486 484 483	17.7 21.9 26.1 30.1 34.2 38.4 42.4 46.5	$Y_2180M-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_1-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$ $Y_2250M-2$	22 30 30 37 45 45 55 55
554 551 547 544 541 538 533 530	9.25 13.9 18.7 23.3 27.9 32.7 37.5 42.1	$Y160M_1-2$ $Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$	15 18.5 22 30 37 45 45 55	557 554 551 549 546 544 542 537	10.9 15.6 20.3 24.9 29.6 34.3 39.0 43.7	Y_2160M_2-2 $Y_2160L-2$ Y_2200L_1-2 Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$	15 18.5 30 30 37 45 45 55	557 555 554 552 550 548 547 546	14.0 18.7 23.4 27.9 32.7 37.4 41.9 46.7	$Y_2160L-2$ $Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$ $Y_2250M-2$	18.5 22 30 37 45 45 55 55	558 557 555 554 553 552 550 549	18.3 23.0 27.6 32.3 36.9 41.6 46.3 50.9	$Y_2180M-2$ Y_2200L_1-2 Y_2200L_2-2 $Y_2225M-2$ $Y_2225M-2$ $Y_2250M-2$ $Y_2250M-2$ $Y_2280S-2$	22 30 37 45 45 55 55 75

Motor Type Description:

1. At present Y_3 series motor type is promoted to be the substitution of previous Y_2 series. It is suggested to refer to the motor types posed by motor manufacturers as per Y_3 standard.
2. The motor type recommended by RSP is only for reference.

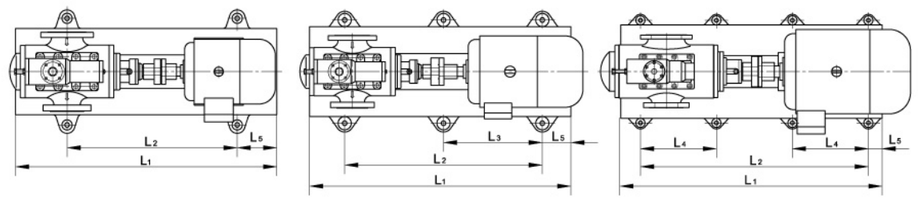
Mounting Dimension Diagram



Base plate Type B, C, D, E, F, G and H

Base plate Type I and J

Base plate Type K, M, N, O, P, R, S and T

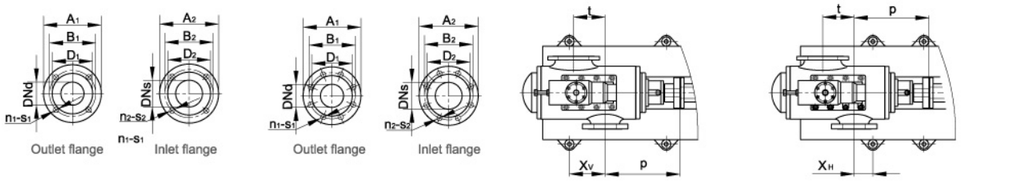


HSNH20~120 Flange Type

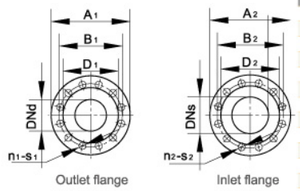
HSNH210~2200 Flange Type

HSNH3600 inlet and outlet flanges are not positioned in the same central line

HSNH5300 inlet and outlet flanges are not positioned in the same central line



HSNH2900-5300 flange type



Pump Specifications	Flange PN10 (GB/T17241.6-1998) at Pump Inlet Companion Flange PN10 (HG/T20592-2009)							Flange PN40 (GB/T17241.6-1998) at Pump Outlet Companion Flange PN40 (HG/T20592-2009)							Weight of Pump Head KG
	DNs	A_2	B_2	D_2	s_2	n_2	U_2	DNd	A_1	B_1	D_1	s_1	n_1	U_1	
HSNH20	25	115	85	63	14	4	18	25	115	85	63	14	4	18	21
HSNH40	32	140	100	78	18	4	18	25	115	85	63	14	4	18	25
HSNH80	65	185	145	118	18	4	20	50	165	125	100	18	4	22	41
HSNH120	65	185	145	118	18	4	20	50	165	125	100	18	4	22	65
HSNH210	80	200	160	138	18	8	22	65	185	145	125	18	8	24	84
HSNH280	100	220	180	160	18	8	22	80	200	160	140	18	8	26	127
HSNH440	125	250	210	184	18	8	24	100	235	190	160	23	8	28	161
HSNH660	125	250	210	184	18	8	24	100	235	190	160	23	8	28	195
HSNH940	150	285	240	212	23	8	24	125	270	220	186	27	8	30	251
HSNH1300	150	285	240	212	23	8	24	125	270	220	186	27	8	30	374
HSNH1700	200	340	295	270	23	8	26	150	300	250	215	27	8	34	446
HSNH2200	200	340	295	270	23	8	26	150	300	250	215	27	8	34	504
HSNH2900	250	395	350	315	23	12	28	200	375	320	280	30	12	40	705
HSNH3600	250	395	350	315	23	12	26	200	375	320	280	30	12	36	847
HSNH5300	250	395	350	315	23	12	26	200	375	320	280	30	12	36	1165

Motor Specifications	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355S	355M	355L
e	330	360	385	430	460	510	550	655	695	730	750	805	845	870	935	1010	1060	1270	1350	1440	1510	1570	1690

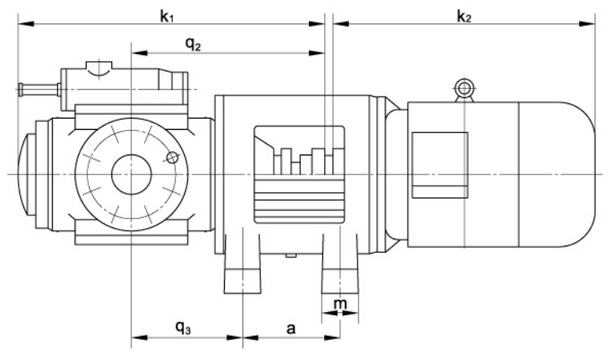
Notes:

1. The above-mentioned mounting is viewed from the drive end (motor) to the pump, inlet is located at your right hand (i.e. right in).

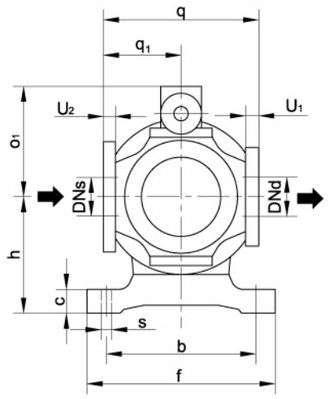
2. The above-mentioned mounting is only applicable when the plum type couplings of our company are used, if special couplings with different dimensions and specification are specified by users; the corresponding mounting dimensions can be provided on request.

Pump Specifications	Motor Specifications	Dimensions of the Pedestal	Dimensions of the Unit																			Overall Dimension References of the Unit (mm)	Weight References of the Unit (KG)
			Xv	X_H	L_1	L_2	L_3	L_4	L_5	b_1	b_2	h	h_1	h_2	h_3	d_1	k	p	q	q_1	t		
HSNH20	80M1、80M2、90S、90L	B		40	575	355			110	300	360	272	139	214	25	15	324	196	170	85		715 X 360 X 282	58/58/68/69
	100L	C		50	645	400			122	300	360	278	145	220	25	15						760 X 360 X 288	78
	112M	C		50	645	400			122	300	360	290	157	232	25	15						760 X 370 X 300	91
	132S	D		10	725	500			112	335	405	315	182	257	25	19						840 X 413 X 325	120
HSNH40	80M1、80M2、90S、90L	B		50	575	355			110	300	360	300	151	233	30	15	393	230	200	100		784 X 360 X 310	62/62/72/73
	100L	C		60	645	400			122	300	360	300	151	233	30	15						829 X 360 X 320	82
	112M	C		60	645	400			122	300	360	306	157	239	30	15						859 X 370 X 329	95
	132S、132M	D		20	725	500			112	335	405	331	182	264	30	19						949 X 413 X 395	124/135
	160M	E		30	815	560			127	375	445	359	210	292	30	19						1054 X 478 X 470	188
HSNH80	80M1、80M2、90S、90L	C		60	645	400			122	300	360	325	163	258	30	15	435	275	240	120		826 X 360 X 323	82/82/90/91
	100L、112M	D		50	725	500			112	335	405	330	168	263	30	19						871 X 405 X 350	107/120
	132S、132M	E		60	815	560			127	375	445	344	182	277	30	19						991 X 445 X 395	148/160
	160M、160L	G		70	980	630			155	400	470	397	235	330	30	19						1136 X 490 X 495	227/247
	180M	H		20	1090	710			165	445	515	429	267	326	30	19						1171 X 538 X 542	285
HSNH120	80M1、80M2、90S、90L	D		10	725	500			112	335	405	402	200	315	30	19	503	317	260	130		867 X 405 X 402	117/117/125/126
	100L、112M	E		25	815	560			127	375	445	402	200	315	30	19						969 X 445 X 402	144/155
	132S、132M	G		40	980	630			155	400	470	427	225	340	30	19						1059 X 470 X 438	196/207
	160M、160L	G		90	980	630			155	400	470	437	235	350	30	19						1204 X 490 X 495	250/270
	180M、180L	H		50	1090	710			165	445	515	469	267	382	30	19						1259 X 538 X 542	308/326
	200L	H		60	1090	710			165	445	515	489	287	402	30	19						1314 X 563 X 592	381
HSNH210	90S、90L	E		25	815	560			127	375	445	422	210	335	30	19	580	360	300	150		971 X 445 X 422	153/154
	100L、112M	F		40	850	630			65	320	390	445	233	358	30	19						1046 X 390 X 445	168/180
	132S、132M	G		40	980	630			155	400	470	447	235	360	30	19						1136 X 470 X 448	216/227
	160M、160L	H		50	1090	710			165	445	515	459	247	372	30	19						1281 X 515 X 507	274/294
	180M、180L	H		50	1090	710			165	445	515	479	267	392	30	19						1336 X 538 X 542	325/345
	200L	I		15	1190	900	450		130	470	550	499	287	412	30	21						1391 X 580 X 592	452
	225S、225M	J	50		1390	1190	595		80	520	600	527	315	440	30	21						1456 X 605 X 695	535/570
	250M	K	100		1570	1320		440	90	575	655	577	365	490	30	21						1570 X 663 X 730	691
HSNH280	100L、112M	G	10		980	630			155	400	470	530	265	405	30	19	630	390	330	165		1096 X 470 X 530	230/245
	132S、132M	H	0	0	1090	710			165	445	515	542	277	417	30	19						1186 X 515 X 542	265/280
	160M、160L、180M、180L	I	35		1190	900	450		130	470	550	542	277	417	30	21						1386 X 550 X 542	362/382/414/432
	200L	J	150		1390	1190	595		80	520	600	555	290	430	30	21						1441 X 605 X 595	530
	225S、225M	J	175		1390	1190	595		80	520	600	580	315	455	30	21						1506 X 635 X 650	570/605
	250M	K	220		1570	1320		440	90	575	655	630	365	505	30	21						1571 X 698 X 730	726
	280S	N	220		1720	1500		500	90	675	755	663	398	538	18	21						1720 X 788 X 798	772
HSNH440	112M	H	100		1090	710			165	445	515	562	287	437	30	19	716	440	360	180		1182 X 515 X 562	282
	132S、132M	H	0	0	1090	710			165	445	515	562	287	437	30	19						1272 X 515 X 562	305/315
	160M、160L、180M、180L	I	0	0	1190	900	450		130	470	550	562	287	437	30	21						1452 X 555 X 562	397/417/450/505
	180L、200L	J	170		1390	1190	595		80	520	600	565	290	440	30	21						1527 X 605 X 595	505/560
	225S、225M	J	120		1390	1190	595		80	520	600	590	315	465	30	21						1592 X 635 X 650	605/640
HSNH660	132S、132M	I	35		1190	900	450		130	470	550	592	302	467	30	21	800	490	390	195		1356 X 550 X 592	378/390
	160M、160L、180M	J	165		1390	1190	595		80	520	600	595	305	470	30	21						1536 X 600 X 595	472/492/524
	180L、200L	J	125		1390	1190	595		80	520	600	595	305	470	30	21						1611 X 605 X 610	542/600
	225S、225M	K	190		1570	1320		440	90	575	655	630	340	505	30	21						1676 X 663 X 675	702/735
	250M	K	110		1570	1320		440	90	575	655	655	365	530	30	21						1741 X 698 X 730	789
	280S	N	170		1720	1500		500	90	675	755	688	398	563	18	21						1816 X 788 X 798	935
HSNH940	132M	I	35		1190	900	450		130	470	550	612	312	487	30	21	886	555	410	205		1422 X 550 X 612	450
	160M、160L、180M	J	120		1390	1190	595		80	520	600	615	315	490	30	21						1602 X 600 X 615	528/548/580
	180L、200L	K	170		1570	1320		440	90	575	655	640	340	515	30	21						1677 X 655 X 645	660/718
	225S、225M	K	140		1570	1320		440	90	575	655	640	340	515	30	21						1742 X 663 X 675	755/790
	250M	K	105		1570	1320		440	90	575	655	665	365	540	30	21						1807 X 698 X 730	846
	280S、280M	N	170		1720	1500		500	90	675	755	698	398	573	18	21						1932 X 788 X 798	995/1095
	315S	O	250		1920	1740		580	90	675	755	735	435	610	18	21						2142 X 908 X 965	1413
HSNH1300	160M	J	180		1390	1190	595		80	520	600	700	330	524	30	21	960	560	440	220		1621 X 600 X 700	654
	160L、180M、180L	K	230		1570	1320		440	90	575	655	725	355	549	30	21						1716 X 655 X 725	735/766/784
	200L	K	190		1570	1320		440	90	575	655	725	355	549	30	21						1771 X 655 X 725	845
	225S、225M	K	160		1570	1320		440	90	575	655	725	355	549	30	21						1836 X 663 X 725	885/918
	250M	M	230		1720	1500		500	90	575	655	738	368	562	18	21						1901 X 698 X 738	906
	280S、280M	N	180		1720	1500		500	90	675	755	768	398	592	18	21						2026 X 788 X 798	1115/1214
	315S、315M	O	280		1920	1740		580	90	675	755	805	435	629	18	21						2316 X 908 X 965	1532/1687
HSNH1700	160L、180M	K	200		1570	1320		440	90	575	655	765	375	589	30	21	1035	603	480	240		1771 X 655 X 765	812/845
	180L、200L	K	160		1570	1320		440	90	575	655	765	375	589	30	21						1846 X 655 X 765	862/920
	225S、225M	M	250		1720	1500		500	90	575	655	768	378	592	18	21						1911 X 663 X 768	890/920
	250M	M	200		1720	1500		500	90	575	655	768	378	592	18	21						1976 X 698 X 768	975
	280S	N	170		1720	1500		500	90	675	755	788	398	612	18	21						2051 X 788 X 798	1182
	280M	O	320		1920	1740		580	90	675	755	790	400	614	18	21						2101 X 788 X 798	1320
	315S、315M、315L	O	200		1920	1740		580	90	675	755	825	435	649	18	21						2481 X 908 X 965	1600/1755/1810
HSNH2200	180M	K	100		1570	1320		440	90	575	655	775	380	599	30	21	1145	715	500	250		1881 X 655 X 775	904
	180L、200L、225S、225M	M	180		1720	1500		500	90	575	655	778	383	602	18	21						2021 X 663 X 778	860/915/955/990
	250M	M	140		1720	1500		500	90	575	655	778	383	602	18	21						2086 X 698 X 778	1040
	280S、280M	O	200		1920	1740		580	90	675	755	795	400	619	18	21						2211 X 788 X 800	1275/1375
	315S	O	160		1920	1740		580	90	675	755	830	435	654	18	21						2421 X 908 X 965	1655
	315M、315L	P	250		2120	1950		650	90	675	765	830	435	654	18	21						2591 X 913 X 965	1810/1865
	355S	R	250		2420	2160		720	90	775	865	870	475	694	18	21						2661 X 1088 X 1130	2150
HSNH2900	225M、250M	M	100		1720	1500		500	90	575	655	878	433	702	18	21	1145	715	600	300		2086 X 698 X 878	1200/1250
	280S、280M	O	200		1920	1740		580	90	675	755	880	435	704	18	21						2211 X 788 X 880	1478/1578
	315S	O	160		1920	1740		580	90	675	755	880	435	704	18	21						2421 X 908 X 965	1852
	315M、315L	P	250		2120	1950		650	90	675	765	880	435	704	18	21						2591 X 913 X 965	2010/2065
	355S、355M、355L	R	170		2420	2160		720	90	775	865	920	475	744	18	21						2661 X 1088 X 1130	2340/2600/2760
HSNH3600	225S、225M	O	290		1920	1740		580	90	675	736	897	430	693	21	24	1247	580	600	300	390	2123 X 788 X 878	1314/1342
	250M	P	360		2120	1940		650	90	675	736	902	435	698	21	24						2188 X 788 X 880	1392
	280S	P	410		2120	1940		650	90	675	736	902	435	698	21	24						2263 X 908 X 965	1620
	280M	P	410		2120	1940		650	90	675	736	902	435	698	21	24						2313 X 913 X 965	1720
	315S	P	355		2120	1940		650	90	675	736	902	435	698	21	24						2523 X 1088 X 1130	1994
HSNH5300	250M	S		99	2480	2220		740	130	718	786	1035	510	835	21	24	1536	840	740	370	420	2477 X 796 X 1035	1710
	280S	S		65	2480	2220		740	130	718	786	1035	510	835	21	24						2555 X 813 X 1045	1938
	280M	S		40	2480	2220		740	130	718	786	1035	510	835	21	24						2605 X 813 X 1045	2038
	315S	S		28	2480	2220		740	130	718	786	1035	510	835	21	24						2815 X 969 X 1075	2170
	315M	S		3	2480	2220		740	130	718	786	1035	510	835	21	24						2895 X 969 X 1075	2270
	355M、355L	T		3	2680	2420		806	130	812	882	1055	530	855	21	24						3235 X 1089 X 1152	2805/2965

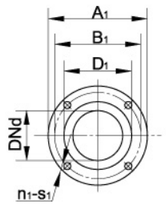
Mounting Dimension Diagram



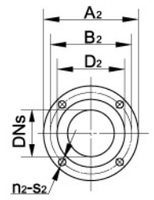
HSNF20-120 flange type



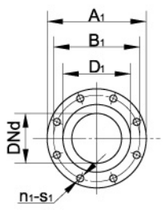
HSNF210-2200 flange type



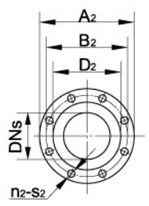
Outlet flange



Inlet flange



Outlet flange



Inlet flange

Pump Specifications	Flange PN10 (GB/T17241.6-1998) at Pump Inlet Companion Flange PN10 (HG/T20592-2009)							Flange PN40 (GB/T17241.6-1998) at Pump Outlet Companion Flange PN40 (HG/T20592-2009)							Weight of Pump Head KG
	DNs	A_2	B_2	D_2	s_2	n_2	U_2	DNd	A_1	B_1	D_1	s_1	n_1	U_1	
HSNF20	25	115	85	63	14	4	18	25	115	85	63	14	4	18	22
HSNF40	32	140	100	78	18	4	18	25	115	85	63	14	4	18	25
HSNF80	65	185	145	118	18	4	20	50	165	125	100	18	4	22	41
HSNF120	65	185	145	118	18	4	20	50	165	125	100	18	4	22	65
HSNF210	80	200	160	138	18	8	22	65	185	145	125	18	8	24	84
HSNF280	100	220	180	160	18	8	22	80	200	160	140	18	8	26	127
HSNF440	125	250	210	184	18	8	24	100	235	190	160	23	8	28	161
HSNF660	125	250	210	184	18	8	24	100	235	190	160	23	8	28	195
HSNF940	150	285	240	212	23	8	24	125	270	220	186	27	8	30	251
HSNF1300	150	285	240	212	23	8	24	125	270	220	186	27	8	30	374
HSNF1700	200	340	295	270	23	8	26	150	300	250	215	27	8	34	446
HSNF2200	200	340	295	270	23	8	26	150	300	250	215	27	8	34	504

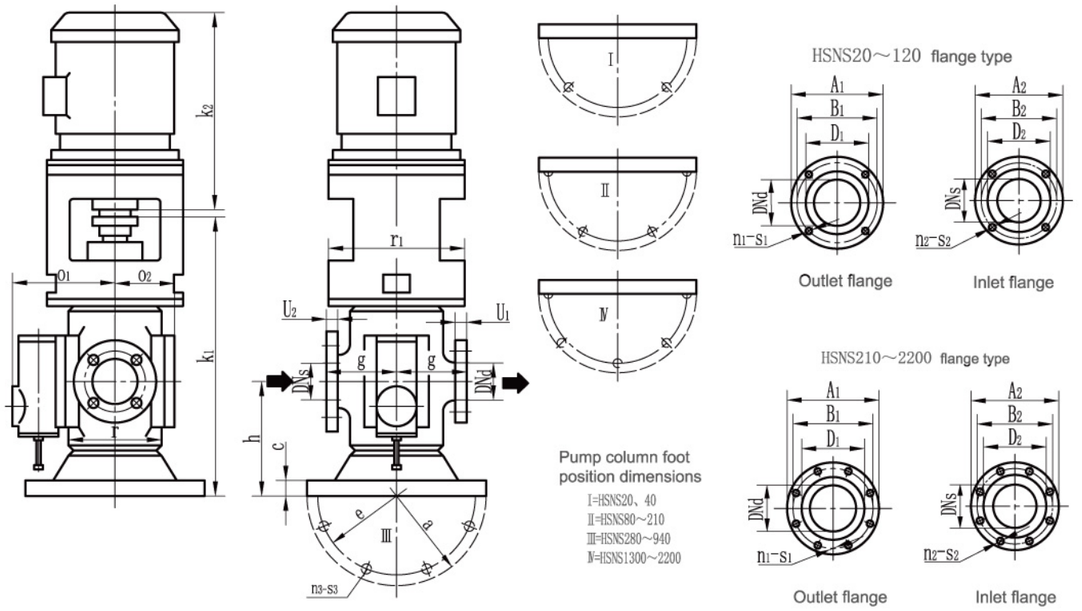
Motor Specifications	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355S
k_2	275	305	330	365	380	445	485	585	630	650	690	735	810	835	940	1000	1050	1140	1200	1300	1530

Notes:

1. The above-mentioned mounting is viewed from the drive end (motor) to the pump, inlet is located at your right hand (i.e. right in).
2. The above-mentioned mounting is only applicable when the plum type couplings of our company are used, if special couplings with different dimensions and specification are specified by users; the corresponding mounting dimensions can be provided on request.

Pump Specifications	Motor Specifications	Dimensions of the Unit												Overall Dimension References of the Unit			Weight References of the Unit (KG)
		a	b	f	m	q	q_1	q_2	q_3	k_1	h	o_1	c	s	Long	Wide	High	
HSNF20	80M1、80M2、90S、90L	107	190	227	40	170	85	196	120	324	170	133	33	11	605/635/660	170	227	52/58/61
	100L														695			71
	112M														710			82
	132S														775			106
HSNF40	80M1、80M2、90S、90L	140	190	227	40	200	100	230	120	393	180	149	33	11	710/720/745	227	329	55/55/61/64
	100L														785			74
	112M														815			85
	132S、132M														880/920			109/119
	160M														1030			165
HSNF80	90S、90L	140	250	315	60	240	120	275	166	435	183	162	40	18	760/785	315	345	88/91
	100L、112M														825/855			97/110
	132S、132M														920/960			132/146
	160M、160L														1070/1025			188/210
	180M														1055			245
HSNF120	90L	160	250	315	60	260	130	317	182	503	195	202	40	18	855	315	397	120
	100L、112M														895/925			130/140
	132S、132M														985/1025			160/170
	160M、160L														1135/1180			215/235
	180M、180L														1210/1250			267/285
	200L														1298			350
HSNF210	90S、90L	180	250	315	60	300	150	352	209	580	210	212	40	18	907/932	315	422	141/142
	100L、112M														970/1000			150/162
	132S、132M														1060/1100			188/199
	160M、160L														1210/1255			244/264
	180M、180L														1285/1325			296/314
	200L														1375			380
	225S、225M														1210/1250			420/455
	250M														1055			505
HSNF280	100L、112M	185	250	315	60	330	165	390	229	630	220	265	40	18	1020/1070	315	485	202/215
	132S、132M														1130/1170			237/247
	160M、160L、180M、180L														1280/1325/1355/1400			290/310/343/360
	200L														1425			425
	225S、225M														1260/1300			470/505
	250M														1600			555
	280S														1660			710
HSNF440	112M	190	355	410	80	360	180	440	276	716	280	275	40	23	1156	410	555	263
	132S、132M														1195/1235			284/295
	160M、160L、180M														1345/1390/1420			340/360/390
	180L、200L														1460/1510			410/472
	225S、225M														1550/1595			515/548
HSNF660	132S、132M	220	355	410	80	390	195	490	298	800	290	290	40	23	1285/1325	410	580	330/340
	160M、160L、180M														1435/1480/1510			385/405/436
	180L、200L														1550/1600			455/517
	225S、225M														1640/1685			560/593
	250M														1770			645
	280S														1830			800
HSNF940	132M	235	355	410	80	410	205	555	356	906	319	300	40	23	1431	410	619	410
	160M、160L、180M														1533/1580/1610			457/477/510
	180L、200L														1650/1700			528/588
	225S、225M														1740/1785			632/665
	250M														1870			720
	280S、280M														1930/1975			875/972
	315S														2095			1250
HSNF1300	160M	235	355	410	80	440	220	560	358	960	330	370	40	23	1585	440	700	586
	160L、160M、180L														1630/1660/1730			606/638/656
	200L														1750			717
	225S、225M														1790/1835			762/795
	250M														1920			855
	280S、280M														1980/2025			1005/1104
	315S、315M														2145/2225			1382/1703
HSNF1700	160L、180M	270	355	410	80	480	240	603	385	1035	357	390	40	23	1675/1705	480	747	690/725
	180L、200L														1775/1825			742/806
	225S、225M														1865/1910			850/882
	250M														1995			938
	280S														2055			1090
	280M														2100			1190
	315S、315M、315L														2175/2255/2345			1475/1610/1670
HSNF2200	180M	270	355	410	80	500	250	715	480	1145	357	395	40	23	1840	500	752	795
	180L、200L、225S、225M														1880/1930/1970/2015			810/864/920/950
	250M														2100			1002
	280S、280M														2160/2205			1160/1260
	315S														2325			1540
	315M、315L														2405/2495			1680/1735
	355S														2625			1985

Mounting Dimension Diagram



Pump Specifications	Flange PN10 (GB/T17241.6-1998) at Pump Inlet Companion Flange PN10 (HG/T20592-2009)							Flange PN40 (GB/T17241.6-1998) at Pump Outlet Companion Flange PN40 (HG/T20592-2009)							Weight of Pump Head KG
	DNs	A_2	B_2	D_2	s_2	n_2	U_2	DNd	A_1	B_1	D_1	s_1	n_1	U_1	
HSNS20	25	115	85	63	14	4	18	25	115	85	63	14	4	18	22
HSNS40	32	140	100	78	18	4	18	25	115	85	63	14	4	18	25
HSNS80	65	185	145	118	18	4	20	50	165	125	100	18	4	22	41
HSNS120	65	185	145	118	18	4	20	50	165	125	100	18	4	22	65
HSNS210	80	200	160	138	18	8	22	65	185	145	125	18	8	24	84
HSNS280	100	220	180	160	18	8	22	80	200	160	140	18	8	26	127
HSNS440	125	250	210	184	18	8	24	100	235	190	160	23	8	28	161
HSNS660	125	250	210	184	18	8	24	100	235	190	160	23	8	28	195
HSNS940	150	285	240	212	23	8	24	125	270	220	186	27	8	30	251
HSNS1300	150	285	240	212	23	8	24	125	270	220	186	27	8	30	374
HSNS1700	200	340	295	270	23	8	26	150	300	250	215	27	8	34	446
HSNS2200	200	340	295	270	23	8	26	150	300	250	215	27	8	34	504

Motor Specifications	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355S
k_2	275	305	330	365	380	445	485	585	630	650	690	735	810	835	940	1000	1050	1140	1200	1300	1530

Notes:

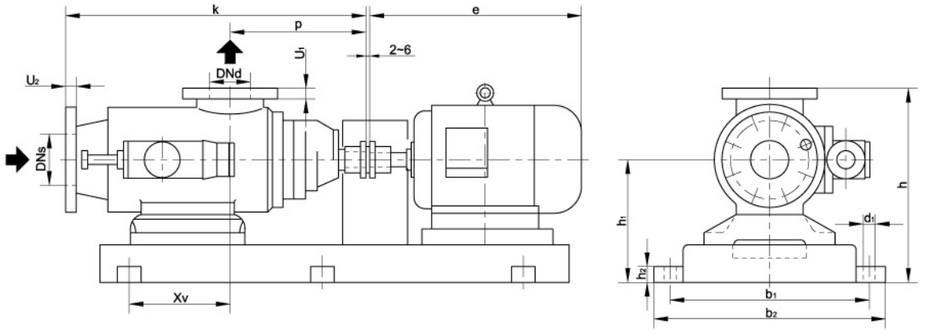
1. The above-mentioned mounting is viewed from the drive end (motor) to the pump, inlet is located at your right hand (i.e. right in).

2. The above-mentioned mounting is only applicable when the plum type couplings of our company are used, if special couplings with different dimensions and specification are specified by users; the corresponding mounting dimensions can be provided on request.

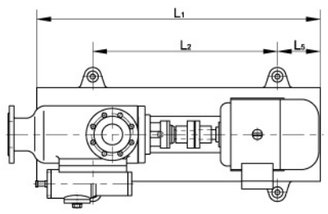
MOUNTING DIMENSIONS

Pump Specifications	Motor Specifications	Dimensions of the Unit												Overall Dimension References of the Unit			Weight References of the Unit (KG)
		a	c	e	s_3	n_3	r_1	r	g	o_1	o_2	h	k_1	High	Horizontal	Vertical	
HSNS20	80M、80M$_b$、90S、90L	230	20	200	14	4	170	114	85	133	75	156	352	633/663/688	230	248	49/55/58
	100L													723			68
	112M													738			79
	132S													803			102
HSNS40	80M、80M$_b$、90S、90L	250	22	220	14	4	190	130	100	149	83	170	404	723/733/758	250	274	52/52/58/61
	100L													798			71
	112M													828			82
	132S、132M													893/933			105/116
	160M													1043			160
HSNS80	90S、90L	280	23	240	18	6	240	154	120	162	95	189	464	789/814	280	302	83/84
	100L、112M													854/884			92/105
	132S、132M													949/989			127/138
	160M、160L													1099/1054			182/202
	180M													1084			234
HSNS120	90L	320	25	280	18	6	260	185	130	202	120	205	521	873	320	362	113
	100L、112M													913/943			122/134
	132S、132M													1003/1053			156/167
	160M、160L													1153/1198			210/230
	180M、180L													1228/1268			262/280
	200L													1316			345
HSNS210	90S、90L	340	25	300	18	6	290	205	150	212	130	230	590	917/942	340	382	133/134
	100L、112M													980/1010			143/155
	132S、132M													1070/1110			180/190
	160M、160L													1220/1265			236/256
	180M、180L													1295/1335			288/306
	200L													1385			370
	225S、225M													1220/1260			412/445
	250M													1065			495
HSNS280	100L、112M	400	30	360	18	8	310	220	165	265	142	350	740	1130/1180	400	465	200/210
	132S、132M													1240/1280			233/245
	160M、160L、180M、180L													1390/1435/1465/1510			288/308/340/358
	200L													1535			420
	225S、225M													1370/1410			465/500
	250M													1710			550
	280S													1770			705
HSNS440	112M	420	35	380	18	8	360	245	180	275	152	350	790	1230	420	485	252
	132S、132M													1269/1309			273/284
	160M、160L、180M													1419/1464/1494			328/348/380
	180L、200L													1534/1584			398/460
	225S、225M													1624/1669			502/536
HSNS660	132S、132M	480	35	440	18	8	380	270	195	290	167	350	838	1323/1363	480	530	320/332
	160M、160L、180M													1473/1518/1548			376/396/428
	180L、200L													1588/1638			446/508
	225S、225M													1678/1723			550/584
	250M													1808			638
	280S													1868			792
HSNS940	132M	510	35	460	18	8	420	290	205	300	177	350	924	1449	510	555	402
	160M、160L、180M													1551/1598/1628			450/470/500
	180L、200L													1668/1718			520/580
	225S、225M													1758/1803			624/657
	250M													1888			712
	280S、280M													1948/1993			865/965
	315S													2113			1243
HSNS1300	160M	560	35	500	23	8	450	312	220	370	196	400	960	1585	560	650	586
	160L、160M、180L													1630/1660/1730			606/638/656
	200L													1750			717
	225S、225M													1790/1835			762/795
	250M													1920			855
	280S、280M													1980/2025			1005/1104
	315S、315M													2145/2225			1382/1703
HSNS1700	160L、180M	600	35	540	23	8	500	350	240	390	216	466	1068	1708/1738	600	690	690/725
	180L、200L													1808/1858			742/806
	225S、225M													1898/1943			850/882
	250M													2028			938
	280S													2088			1090
	280M													2133			1190
	315S、315M、315L													2208/2288/2378			1475/1610/1670
HSNS2200	180M	620	40	560	23	8	500	360	250	395	221	490	1205	1900	620	705	778
	180L、200L、225S、225M													1940/1990/2030/2075			793/847/903/933
	250M													2160			985
	280S、280M													2220/2265			1143/1243
	315S													2385			1523
	315M、315L													2465/2545			1660/1718
	355S													2685			1968

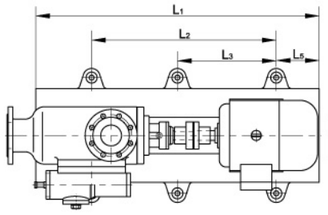
Mounting Dimension Diagram



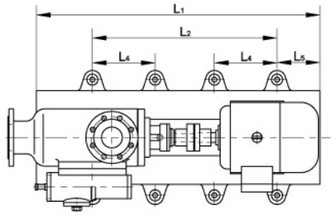
Base plate Type B, C, D, E, F, G and H



Base plate Type I and J

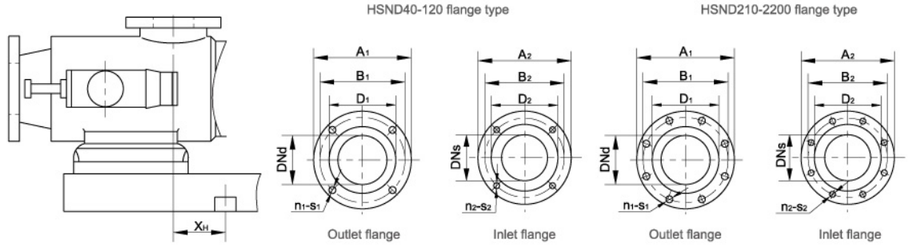


Base plate Type K, M, N, O, P, R, S and T



HSND40-120 flange type

HSND210-2200 flange type



Pump Specifications	Flange PN10 (GB/T17241.6-1998) at Pump Inlet Companion Flange PN10 (HG/T20592-2009)							Flange PN40 (GB/T17241.6-1998) at Pump Outlet Companion Flange PN40 (HG/T20592-2009)							Weight of Pump Head KG
	DNs	A2	B2	D2	s2	n2	U2	DNd	A1	B1	D1	s1	n1	U1	
HSND40	32	140	100	78	18	4	18	25	115	85	63	14	4	18	25
HSND80	65	185	145	118	18	4	20	50	165	125	100	18	4	22	41
HSND120	65	185	145	118	18	4	20	50	165	125	100	18	4	22	65
HSND210	80	200	160	138	18	8	22	65	185	145	125	18	8	24	84
HSND280	100	220	180	160	18	8	22	80	200	160	140	18	8	26	127
HSND440	125	250	210	184	18	8	24	100	235	190	160	23	8	28	161
HSND660	125	250	210	184	18	8	24	100	235	190	160	23	8	28	195
HSND940	150	285	240	212	23	8	24	125	270	220	186	27	8	30	251
HSND1300	150	285	240	212	23	8	24	125	270	220	186	27	8	30	374
HSND1700	200	340	295	270	23	8	26	150	300	250	215	27	8	34	446
HSND2200	200	340	295	270	23	8	26	150	300	250	215	27	8	34	504
HSND2900	250	395	350	315	23	12	28	200	375	320	280	30	12	40	705

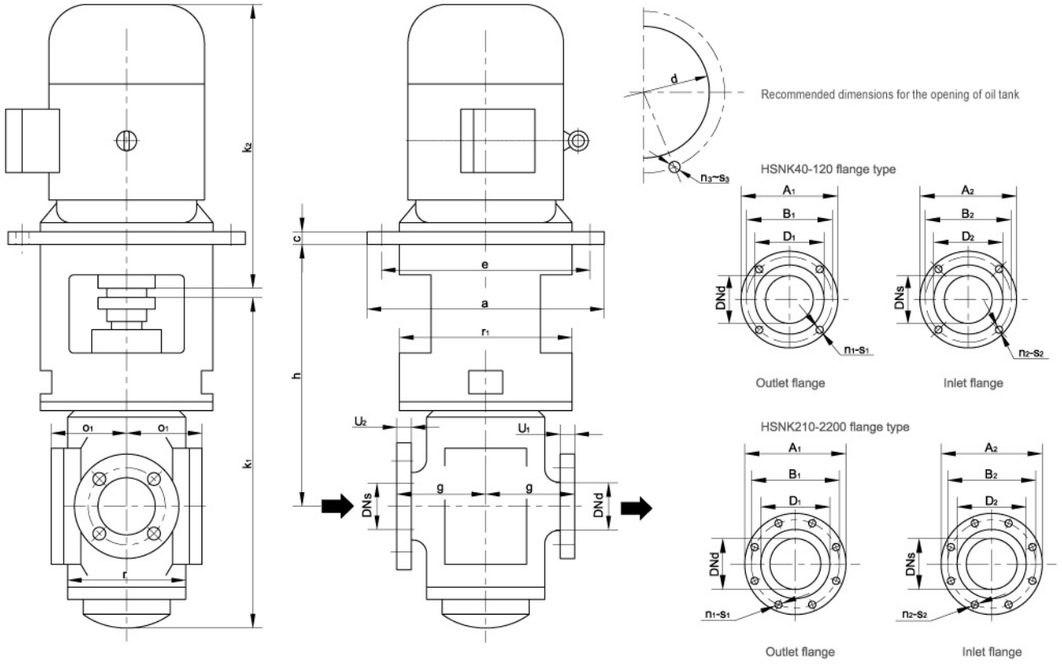
Motor Specifications	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355S	355M	355L
e	330	360	385	430	460	510	550	655	695	730	750	805	845	870	935	1010	1060	1270	1350	1440	1510	1570	1690

Notes:

The above-mentioned mounting is only applicable when the plum type couplings of our company are used, if special couplings with different dimensions and specification are specified by users; the corresponding mounting dimensions can be provided on request.

Pump Specifications	Motor Specifications	Base Dimensions	Dimensions of the Unit															Overall Dimension References of the Unit (mm)	Weight References of the Unit (KG)
			Xv	XH	L1	L2	L3	L4	L5	b1	b2	h	h1	h2	d1	k	p		
HSND40	80M1、80M2、90S、90L	B		25	575	355			110	300	360	251	151	30	15	485	205	876X360X311	63/63/73/74
	100L	C		35	645	400			122	300	360	251	151	30	15			921X360X321	83
	112M	C		35	645	400			122	300	360	257	157	30	15			951X370X339	96
	132S、132M	D	5		725	500			112	335	405	282	182	30	19			1041X413X395	125/136
	160M	E		5	815	560			127	375	445	310	210	30	19			1146X478X470	189
HSND80	80M1、80M2、90S、90L	C		20	645	400			122	300	360	283	163	30	15	520	235	911X360X323	83/83/91/92
	100L、112M	D		10	725	500			112	335	405	288	168	30	19			986X405X350	108/121
	132S、132M	E		20	815	560			127	375	445	302	182	30	19			1076X445X395	149/161
	160M、160L	G		30	980	630			155	400	470	355	235	30	19			1221X490X495	228/248
	180M	H	20		1090	710			165	445	515	387	267	30	19			1256X538X542	286
HSND120	80M1、80M2、90S、90L	D	30		725	500			112	335	405	330	200	30	19	620	277	1011X405X360	119/119/127/128
	100L、112M	E	15		815	560			127	375	445	330	200	30	19			1086X445X382	146/157
	132S、132M	G	0	0	980	630			155	400	470	355	225	30	19			1176X470X438	198/209
	160M、160L	G		50	980	630			155	400	470	365	235	30	19			1321X490X495	252/272
	180M、180L	H		10	1090	710			165	445	515	397	267	30	19			1376X538X542	310/328
	200L	H		20	1090	710			165	445	515	417	287	30	19			1431X563X592	383
HSND210	90S、90L	E	25		815	560			127	375	445	360	210	30	19	660	302	1051X445X370	151/152
	100L、112M	F	10		850	630			65	320	390	383	233	30	19			1126X390X415	166/178
	132S、132M	G	10		980	630			155	400	470	385	235	30	19			1216X470X448	214/225
	160M、160L	H	0	0	1090	710			165	445	515	397	247	30	19			1361X515X507	272/292
	180M、180L	H	0	0	1090	710			165	445	515	417	267	30	19			1416X538X542	323/343
	200L	I	35		1190	900	450		130	470	550	437	287	30	21			1471X580X592	450
	225S、225M	J	100		1390	1190	595		80	520	600	465	315	30	21			1536X635X650	533/568
	250M	J	150		1570	1320		440	90	575	655	515	365	30	21			1601X698X730	689
HSND280	100L、112M	G	85		980	630			155	400	470	430	265	30	19	715	315	1181X470X447	228/243
	132S、132M	H	75		1090	710			165	445	515	442	277	30	19			1271X515X490	263/278
	160M、160L、180M	I	110		1190	900	450		130	470	550	442	277	30	21			1471X555X552	360/380/412/430
	200L	J	225		1390	1190	595		80	520	600	455	290	30	21			1526X605X595	528
	225S、225M	J	250		1390	1190	595		80	520	600	480	315	30	21			1591X635X650	568/603
	250M	K	295		1570	1320		440	90	575	655	530	365	30	21			1656X698X730	724
	280S	N	295		1720	1500		500	90	675	755	563	398	18	21			1731X788X798	770
HSND440	112M	H	175		1090	710			165	445	515	467	287	30	19	800	365	1266X515X469	283
	132S、132M	H	75		1090	710			165	445	515	467	287	30	19			1356X515X500	306/316
	160M、160L、180M	I	75		1190	900	450		130	470	550	467	287	30	21			1536X555X562	398/418/451/506
	180L、200L	J	245		1390	1190	595		80	520	600	470	290	30	21			1611X605X595	506/561
	225S、225M	J	195		1390	1190	595		80	520	600	495	315	30	21			1676X635X650	606/641
HSND660	132S、132M	I	115		1190	900	450		130	470	550	497	302	30	21	880	410	1436X550X515	378/390
	160M、160L、180M	J	245		1390	1190	595		80	520	600	500	305	30	21			1616X600X580	472/492/524
	180L、200L	J	205		1390	1190	595		80	520	600	500	305	30	21			1691X605X610	542/600
	225S、225M	K	270		1570	1320		440	90	575	655	535	340	30	21			1756X663X675	702/735
	250M	K	190		1570	1320		440	90	575	655	560	365	30	21			1821X698X730	789
	280S	N	250		1720	1500		500	90	675	755	593	398	18	21			1896X788X798	935
HSND940	132M	I	130		1190	900	450		130	470	550	517	312	30	21	980	460	1536X550X525	456
	160M、160L、180M	J	215		1390	1190	595		80	520	600	520	315	30	21			1716X600X590	534/554/586
	180L、200L	K	265		1570	1320		440	90	575	655	545	340	30	21			1791X655X645	666/724
	225S、225M	K	235		1570	1320		440	90	575	655	545	340	30	21			1856X663X675	761/796
	250M	K	200		1570	1320		440	90	575	655	570	365	30	21			1921X698X730	852
	280S、280M	N	265		1720	1500		500	90	675	755	603	398	18	21			2046X788X798	1001/1101
	315S	O	345		1920	1740		580	90	675	755	640	435	18	21			2256X908X965	1419
HSND1300	160M	J	275		1390	1190	595		80	520	600	550	330	30	21	1060	465	1721X600X550	671
	160L、160M、180L	K	325		1570	1320		440	90	575	655	575	355	30	21			1816X655X630	752/783/801
	200L	K	285		1570	1320		440	90	575	655	575	355	30	21			1871X655X660	862
	225S、225M	K	255		1570	1320		440	90	575	655	575	355	30	21			1936X663X690	902/935
	250M	M	325		1720	1500		500	90	575	655	588	368	18	21			2001X698X733	923
	280S、280M	N	275		1720	1500		500	90	675	755	618	398	18	21			2126X788X798	1132/1231
	315S、315M	O	375		1920	1740		580	90	675	755	655	435	18	21			2416X908X965	1549/1704
HSND1700	160L、180M	K	310		1570	1320		440	90	575	655	615	375	30	21	1120	493	1856X655X650	828/861
	180L、200L	K	270		1570	1320		440	90	575	655	615	375	30	21			1931X655X680	878/936
	225S、225M	M	360		1720	1500		500	90	575	655	618	378	18	21			1996X663X713	906/936
	250M	M	310		1720	1500		500	90	575	655	618	378	18	21			2061X698X743	991
	280S	N	280		1720	1500		500	90	675	755	638	398	18	21			2136X788X798	1198
	280M	O	430		1920	1740		580	90	675	755	640	400	18	21			2186X788X800	1336
	315S、315M、315L	O	310		1920	1740		580	90	675	755	675	435	18	21			2566X908X965	1616/1771/1826
HSND2200	180M	K	230		1570	1320		440	90	575	655	630	380	30	21	1225	585	1961X655X655	923
	180L、200L、225S、225M	M	310		1720	1500		500	90	575	655	633	383	18	21			2101X663X718	879/934
	250M	M	270		1720	1500		500	90	575	655	633	383	18	21			2166X698X748	974
	280S、280M	O	330		1920	1740		580	90	675	755	650	400	18	21			2291X788X800	1009/1059
	315S	O	290		1920	1740		580	90	675	755	685	435	18	21			2501X908X965	1294
	315M、315L	P	380		2120	1950		650	90	675	765	685	435	18	21			2671X913X965	1394/1674
	355S	R	380		2420	2160		720	90	775	865	725	475	18	21			2741X1088X1130	1829
HSND2900	225M、250M	M	250		1720	1500		500	90	575	655	733	433	18	21	1245	565	2186X698X798	1208/1258
	280S、280M	O	350		1920	1740		580	90	675	755	735	435	18	21			2311X788X835	1486/1586
	315S	O	310		1920	1740		580	90	675	755	735	435	18	21			2521X908X965	1860
	315M、315L	P	400		2120	1950		650	90	675	765	735	435	18	21			2691X913X965	2018/2073
	315S、315M、315L	R	320		2420	2160		720	90	775	865	775	475	18	21			2941X1088X1130	2293/2553/2713

Mounting Dimension Diagram



Pump Specifications	Flange PN10 (GB/T17241.6-1998) at Pump Inlet Companion Flange PN10 (HG/T20592-2009)							Flange PN40 (GB/T17241.6-1998) at Pump Outlet Companion Flange PN40 (HG/T20592-2009)							Weight of Pump Head KG
	DNs	A_2	B_2	D_2	s_2	n_2	U_2	DNd	A_1	B_1	D_1	s_1	n_1	U_1	
HSNK20	25	115	85	63	14	4	18	25	115	85	63	14	4	18	22
HSNK40	32	140	100	78	18	4	18	25	115	85	63	14	4	18	25
HSNK80	65	185	145	118	18	4	20	50	165	125	100	18	4	22	41
HSNK120	65	185	145	118	18	4	20	50	165	125	100	18	4	22	65
HSNK210	80	200	160	138	18	8	22	65	185	145	125	18	8	24	84
HSNK280	100	220	180	160	18	8	22	80	200	160	140	18	8	26	127
HSNK440	125	250	210	184	18	8	24	100	235	190	160	23	8	28	161
HSNK660	125	250	210	184	18	8	24	100	235	190	160	23	8	28	195
HSNK940	150	285	240	212	23	8	24	125	270	220	186	27	8	30	251
HSNK1300	150	285	240	212	23	8	24	125	270	220	186	27	8	30	374
HSNK1700	200	340	295	270	23	8	26	150	300	250	215	27	8	34	446
HSNK2200	200	340	295	270	23	8	26	150	300	250	215	27	8	34	504

Motor Specifications	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355S
k_2	275	305	330	365	380	445	485	585	630	650	690	735	810	835	940	1000	1050	1140	1200	1300	1530

Notes:

The above-mentioned mounting is only applicable when the plum type couplings of our company are used, if special couplings with different dimensions and specification are specified by users; the corresponding mounting dimensions can be provided on request.

MOUNTING DIMENSIONS

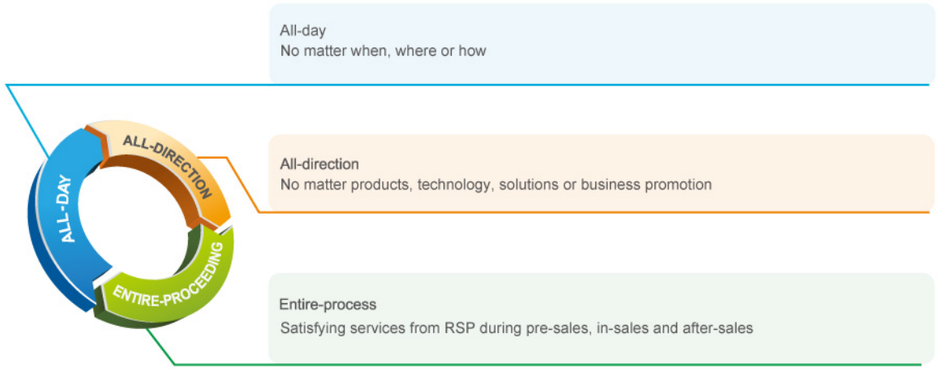
Pump Specifications	Motor Specifications	Dimensions of the Unit												Overall Dimension References of the Unit (mm)		Weight References of the Unit (KG)
		a	c	e	s_3	n_3	r_1	r	g	o_1	h	k_1	d	High	Diameter	
HSNK20	$80M_1$、$80M_2$、90S、90L	400	10	350	14	4	190	130	85	83	273	324	230	605/635/660	Ø400	49/55/58
	100L													695		68
	112M													710		79
	132S													775		102
HSNK40	$80M_1$、$80M_2$、90S、90L	400	10	350	14	4	190	130	100	83	273	393	300	710/720/745	Ø400	52/52/58/61
	100L													785		71
	112M													815		82
	132S、132M													880/920		105/116
	160M													1030		160
HSNK80	90S、90L	450	15	400	18	4	240	154	120	95	321	435	350	760/785	Ø450	83/84
	100L、112M													825/855		92/105
	132S、132M													920/960		127/138
	160M、160L													1070/1025		182/202
	180M													1055		234
HSNK120	90L	450	15	400	18	4	260	185	130	120	368	503	350	855	Ø450	113
	100L、112M													895/925		122/134
	132S、132M													985/1025		156/167
	160M、160L													1135/1180		210/230
	180M、180L													1210/1250		262/280
	200L													1298		345
HSNK210	90S、90L	500	15	450	18	4	290	205	150	130	413	580	400	907/932	Ø500	133/134
	100L、112M													970/1000		143/155
	132S、132M													1060/1100		180/190
	160M、160L													1210/1255		236/256
	180M、180L													1285/1325		288/306
	200L													1375		370
	225S、225M													1210/1250		412/445
	250M													1055		495
HSNK280	100L、112M	550	15	500	18	8	310	220	165	142	430	630	450	1020/1070	Ø550	200/210
	132S、132M													1130/1170		233/245
	160M、160L、180M、180L													1280/1325/1355/1400		288/308/340/358
	200L													1425		420
	225S、225M													1260/1300		465/500
	250M													1600		550
	280S													1660		705
HSNK440	112M	600	20	550	18	8	360	245	180	152	490	716	500	1156	Ø600	252
	132S、132M													1195/1235		273/284
	160M、160L、180M													1345/1390/1420		328/348/380
	180L、200L													1460/1510		398/460
	225S、225M													1550/1595		502/536
HSNK660	132S、132M	600	20	550	18	8	380	270	195	167	537	800	500	1285/1325	Ø600	320/332
	160M、160L、180M													1435/1480/1510		376/396/428
	180L、200L													1550/1600		446/508
	225S、225M													1640/1685		550/584
	250M													1770		638
	280S													1830		792
HSNK940	132M	650	20	600	23	8	420	290	205	177	625	906	520	1431	Ø650	402
	160M、160L、180M													1533/1580/1610		450/470/500
	180L、200L													1650/1700		520/580
	225S、225M													1740/1785		624/657
	250M													1870		712
	280S、280M													1930/1975		865/965
	315S													2095		1243
HSNK1300	160M	650	20	600	23	8	450	312	220	196	635	960	550	1585	Ø650	586
	160L、160M、180L													1630/1660/1730		608/638/656
	200L													1750		717
	225S、225M													1790/1835		762/795
	250M													1920		855
	280S、280M													1980/2025		1005/1104
	315S、315M													2145/2225		1382/1703
HSNK1700	160L、180M	730	20	680	23	8	500	350	240	216	677	1035	620	1675/1705	Ø730	690/725
	180L、200L													1775/1825		742/806
	225S、225M													1865/1910		850/882
	250M													1995		938
	280S													2055		1090
	280M													2100		1190
	315S、315M、315L													2175/2255/2345		1475/1610/1670
HSNK2200	180M	730	20	680	23	8	500	360	250	221	790	1145	620	1840	Ø730	778
	180L、200L、225S、225M													1880/1930/1970/2015		793/847/903/933
	250M													2100		985
	280S、280M													2160/2205		1143/1243
	315S													2325		1523
	315M、315L													2405/2495		1660/1718
	355S													2625		1968

Solutions

To provide the users with professional and overall solutions for the application of screw pump systems.

Process Services

With “AAE” process service system, to pay attentions to every detail more carefully and thoughtfully.



Plan control

With the systematic plan control system,
to provide beforehand reminding and service tracking for
the common problems occurred during the application.