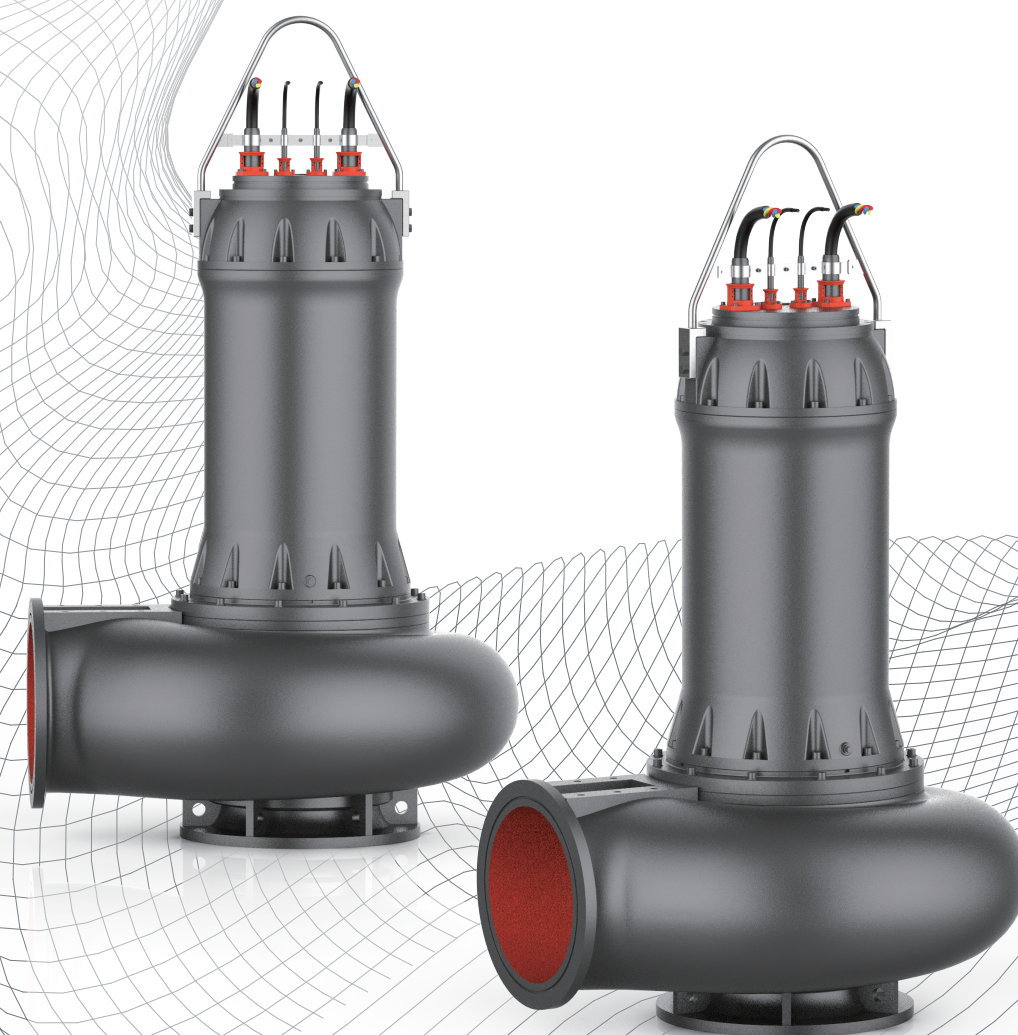




MEDIUM AND LARGE SUBMERSIBLE SEWAGE PUMPS



INTELLIGENT FLOW FOR GOOD

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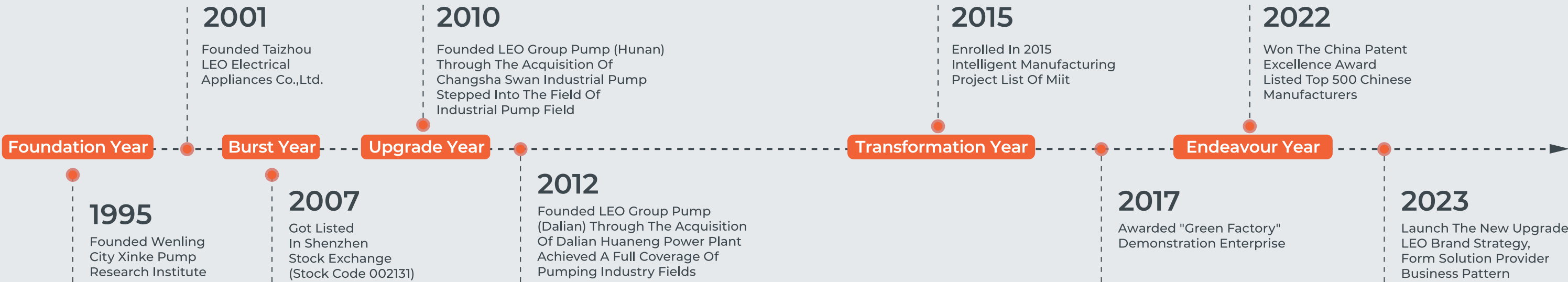


YouTube



Intelligent Flow For Good

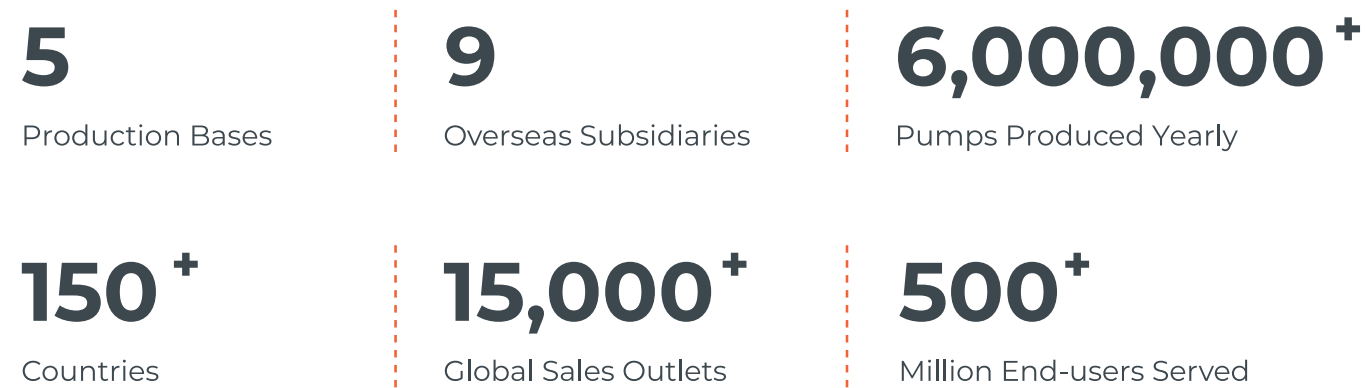
As a reliable partner on intelligent fluid solutions, LEO Pump is engaged in R&D, manufacturing, sales and service of all series pumps and systems. By covering the industry of building, municipal, water conservation, power, energy, OEM, domestic and garden, Leo is committed to bring the intelligent water into every industry field and application, helping people around the world enjoy high quality water life, government and business partners achieve green transformation, and promoting high quality economic growth and sustainable social development.



LEO WORLD



LEO IN NUMBERS



QUALITY MANAGEMENT SYSTEM

- **ISO9001:2015** Quality management system
- **ISO14001:2015** Environmental management system Certificate
- **ISO45001:2018** Occupational health & safety Management system certification
- **ISO50001: 2018** Energy management system certificate
- **CE. GS. UL. CSA and ETL** qualification





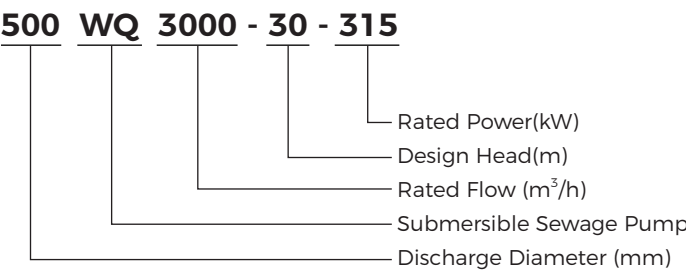
General Information

- The WQ series submersible sewage pump is the fourth generation high-efficiency , energy-saving and non-clogging pump developed and innovated on the basis of extensively absorbing the advanced technology of similar products domestic and oversea. It is optimized and designed in hydraulic performance, specia lized submersible motor, product appearance, mechanical strength, sealing system cooling system, intelligent protection, control system, etc. There are many obvious advantages such as compact structure, no overload, high efficiency and energy saving, high reliability, high stability, anti-winding, no clogging, automatic coupling, auto-protection and auto-control. The unique scenarios are being used in transporting various kinds of sewage or insoluble solid-phase mixed liquids containing particles and sediment.
- The design, manufacturing and quality of this series products comply with GB/T24674 " Waste Submersible Motor-Pumps " standards, CJ/T 472 " Submersible Sewage Pump " standards, and its efficiency index reaches GB32031" Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Waste Submersible Motor-Pumps " standards.

Product Application

- This series of products are mainly used to transport various types of sewage, wastewater, rainwater, or other insoluble solid phase mixed liquids containing solid particles, sediment fiber, and so on. The products are widely used in drainage system of urban sewage treatment plants, commercial heavily polluted wastewater discharge of factories, residential area sewage drainage, air defense system drainage of civil, sewage drainage of hospital and hotel, auxiliary machinery drainage for hydropower stations and water conservancy pump station, exploration, mining supporting equipment, waterworks water supply equipment, municipal engineering, construction site, subway station drainage and other industries.

Identification Codes



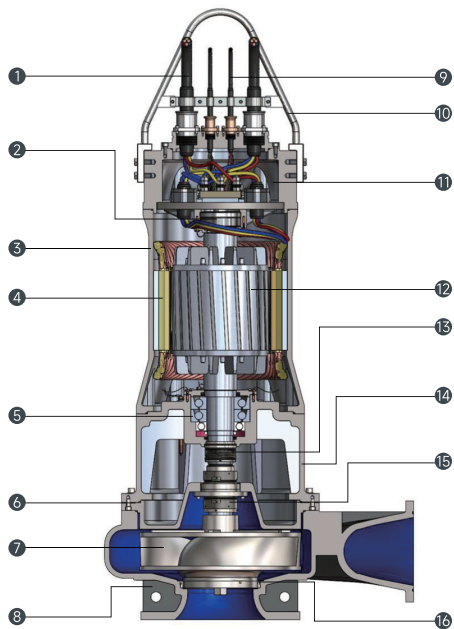
Working Condition

- Outlet diameter: DN80mm ~DN1000mm.
- Rated voltage: 380V or 660V, 3KV, 6KV, 10kV, etc.
- Frequency: 50Hz three-phase AC power.
- Medium: temperature ≤ 42°C , density ≤1200kg/m³, Volume ratio of solid phases ≤5%
- pH value: between the range of 4-10
- Minimum operating liquid level: see the installation dimension drawing. There are two liquid levels: with motor cooling system and without motor cooling system
- Maximum flow capacity: The diameter of the solid in the medium should not be greater than 80% of the minimum size of the impeller channel. For specific data, can be found in the performance parameter table.
- Corrosive medium requirements: The products can not be used for pumping media which is highly corrosive or contain strong abrasive solid particles. (customizable if needed)

Product Features

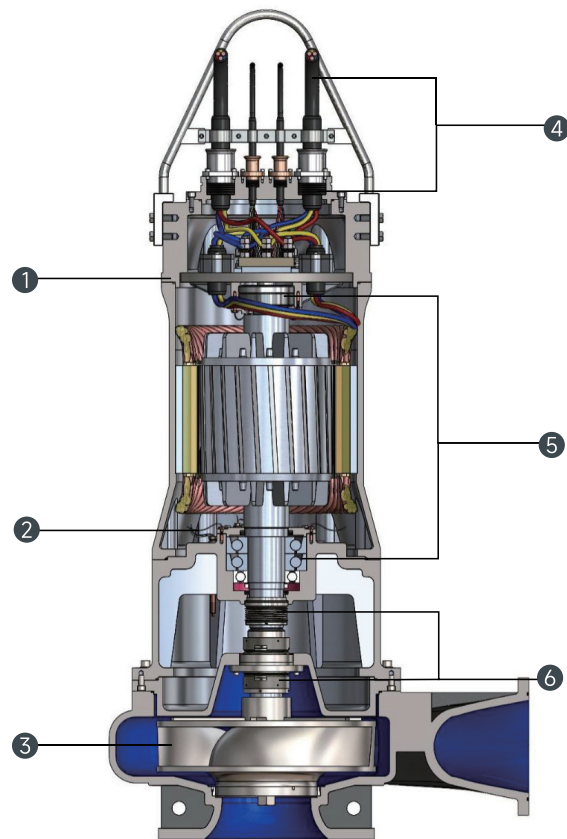
- **Energy Saving**
The hydraulic model adopts theoretical design of ternary stream and CFD simulation calculation to get excellent performance in theory. The hydraulic parts are all casted by metal molds. So the channel of impeller can be produced according to design drawings which ensure high efficiency of water pumps and wide high-efficiency zone of water pumps, By using the latest hydraulic model developed independently, the efficiency and stability of pump can be up to the international advanced level. And the energy efficiency level meets the national standard" GB 32031-2015 Minimum allowable value of energy efficiency and energy efficiency grades for the waste submersible motor-pumps"
- **High Reliability**
The centrifugal impeller is designed as large channel and optimized by international advanced software that can make sure it will not be blocked when transporting normal municipal sewage. An anti-pull off structure is used to reduce risk caused by leakage from the upper part of pump effectively. The patented cartridge seal is adopted to improve convenience of installation and reliability of sealing performance. The motor has excellent heat dissipation performance by using a built -in ventilation system structure.
- **Anti-overload Designed Impeller**
The radial force of impeller caused by overload can be reduced by vane -type design which prevent fall off of blades and break of shaft . The impeller is designed with wide channels to prevent blocking by solid particles and winding by fiber in flow.
- **Intelligent Online Monitoring**
The operation of this series product can be controlled by a number of sensors automatically. The wiring room and motor cavity are located with water leakage sensors, and the oil chamber is located with water&oil probe, while the upper and lower bearing are protected by sensors to test temperature increasing of motor.

Product Structure



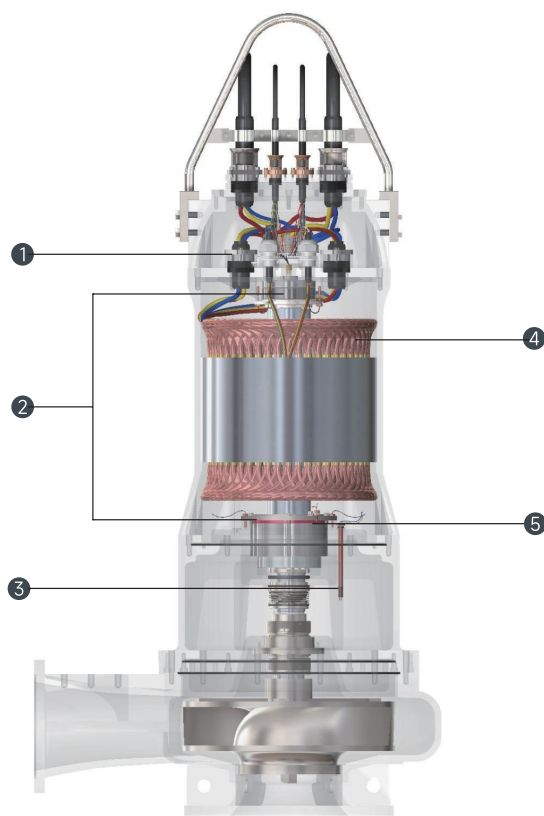
No.	Part	No.	Part
1	Power Cable	9	Control Cable
2	Upper Bearing	10	Lifting Lug
3	Motor Casing	11	Wiring Cavity
4	Stator of Motor	12	Motor Rotor
5	Lower Bearing Parts	13	Mechanical Seal on Motor Side
6	Pump Cover	14	Bearing Body
7	Impeller	15	Double Cartridge Mechanical Seal on Pump Side
8	Pump Body	16	Seal Ring

Structure Features



1	Special Submersible Motor The whole series is F/H-class insulation; B grade temperature rise; Enclosure protection grade is IP68; The motor is low energy consumption, low temperature rise, and high stability. The heat resistance and life time is better than ordinary motors'. The wiring cavity is sealed and separated from the stator and rotor of the motor for double insurance. The auxiliary oil tank structure is adopted in motor bearing to increase service life.	4	Cable Locking Sealing System The cable outlet adopts special structure, which eliminates water leakage, electricity leakage, short circuit, and stator coil burnout caused by accidental factors such as pulling cable jacket fatigue and broken, which effectively reduces the risk of failure caused by water entering upper part of the machine.
2	Motor Pump Protection System The motor has a number of built-in warning sensors, including leakage in wiring chamber, motor cavity and oil chamber, and sensors to monitor temperature increasing of bearing and motor coil. The motor is equipped with water leakage monitoring, and the oil chamber is equipped with oil mixed water probes. There is comprehensive monitoring of motor operating conditions.	5	Cooling System The motor is fully cooled by water or air which improves the heat dissipation capacity greatly. The motor bearing contacts with water or air directly for (increasing heat dissipation capacity of bearing) and increasing service life of the bearing greatly. According to the water level, cooling- jacket is optional to ensure that the motor can keep running while it out of the surface of water.
3	Impeller, Volute The products is designed with three-dimensional flow theory and CFD simulation to avoid blocking and overload. It is high efficiency, wide efficient range, low energy consumption. The passage of the pump body is wide with double channel so the solids are easy to pass and the fibers are not easy to entangle. The balance of impeller is adjusted strictly to minimize vibration and maximize the life of bearings and mechanical seals.	6	Sealing System The sealing structure is patented by using a combined double cartridge mechanical seal at the end of pump and a single mechanical seal at the motor side. The structure makes the sealing performance reliable and running of the pump stable.

Pump Protection System



1	Wiring Chamber Leakage Protection A leakage sensor is installed in the motor junction box, and an alarm will be issued when water is encountered to prompt maintenance.
2	Bearing Temperature Rise Protection Two temperature sensors are installed in the bearing seat to monitor the bearing temperature.
3	Oil Chamber Humidity Alarm In the oil chamber, a humidity sensor is set to monitor the oil chamber from leakage.
4	Motor Temperature Rise Protection Temperature sensors are embedded in the three phases of the stator windings A, B and C respectively, as detection and alarm components for shutdown when over heat.
5	Motor Cavity Leakage Protection A water leakage sensor is installed in the inner cavity of the motor to monitor leakage, and an alarm will be issued when water is encountered. Then maintenance will be prompted to prevent water or oil from entering the inner cavity of the motor.

Pump Protection System

Various devices in water pump protection system and liquid level controller outside the pump need to be used in conjunction with the electric control cabinet dedicated to the submersible sewage pump. Therefore, the electric control cabinet of the submersible sewage pump is relatively special and highly specialized. The special electric control cabinet for submersible sewage pump is worked with protection device of pump (short circuit, phase loss, phase failure, overload, dehumidification etc.) to achieve, and can carry out unattended use, automatic operation and signal output of the pump. There are two start-up methods of the electric control cabinet, manual and automatically.



Electric control cabinet



Integrated protector



Temperature sensor



Water leakage probe

Water Pump Control System (Optional)

Each set of water pump system can be equipped with a middle terminal box, which is used for middle connection between the water pump and the control cabinet.

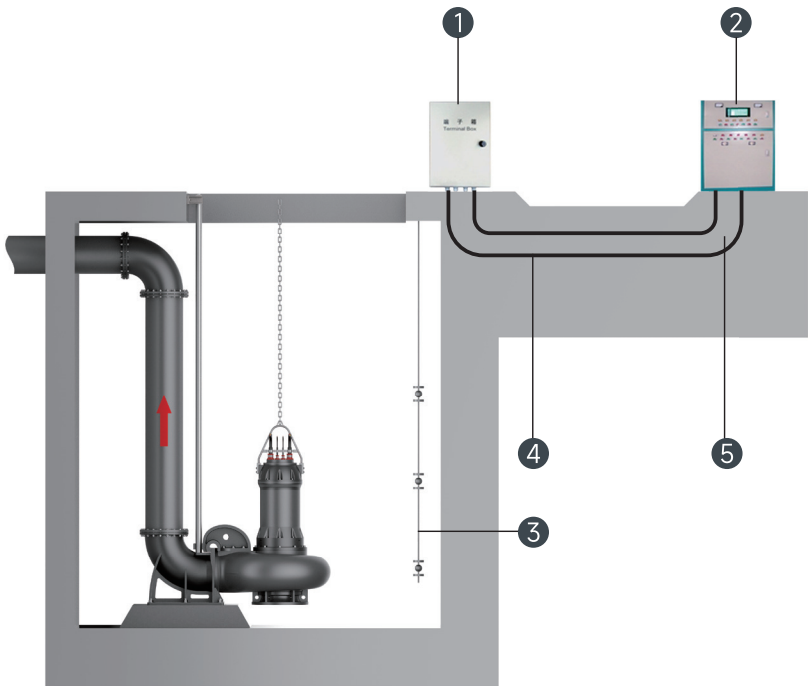
The liquid level switch is used for controlling pumping station automatically according to the change of water level flexible and convenient with reliable signals.



Liquid level switch

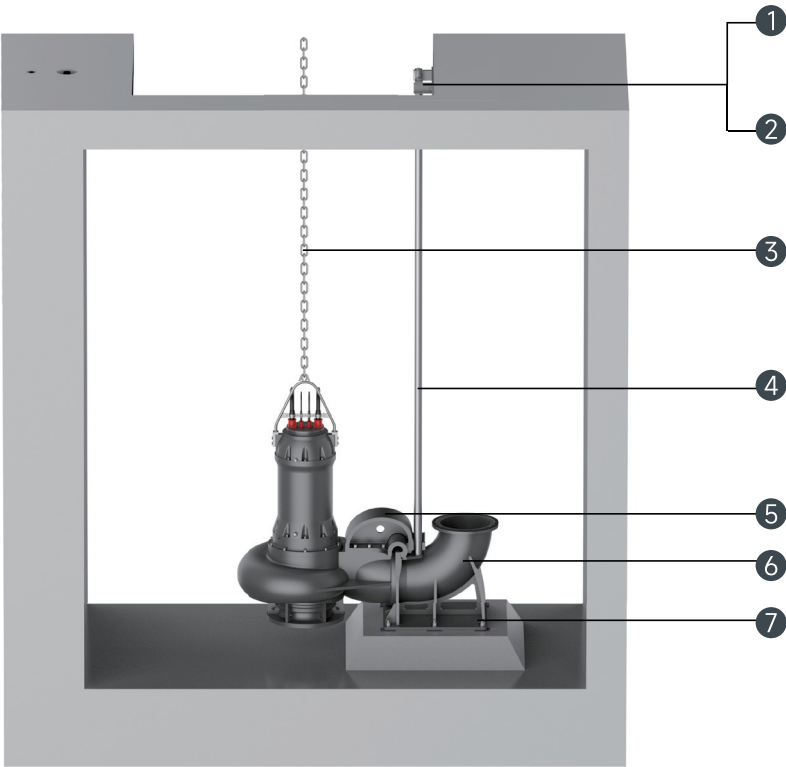


Terminal box



No.	Part
1	Terminal Box
2	Electric Control Cabinet
3	Liquid Level Switch
4	Power Cable Conduit
5	Control Cable Conduit

Coupling Installation Diagram

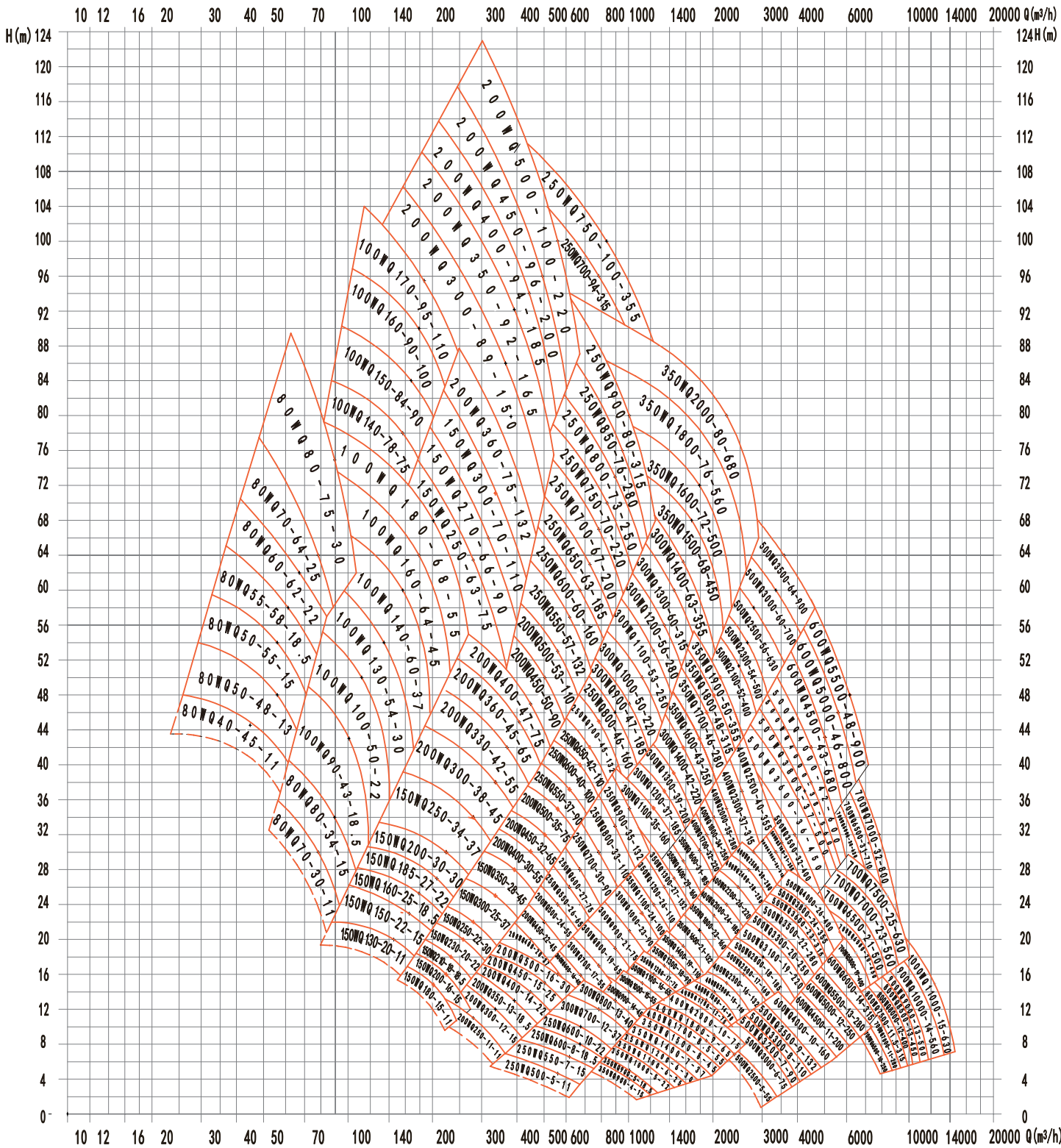


No.	Part
1	Expansion Bolt
2	Guide Holder
3	Chain
4	Guide Rod
5	Coupling Block
6	Coupling Base
7	Anchor Bolt

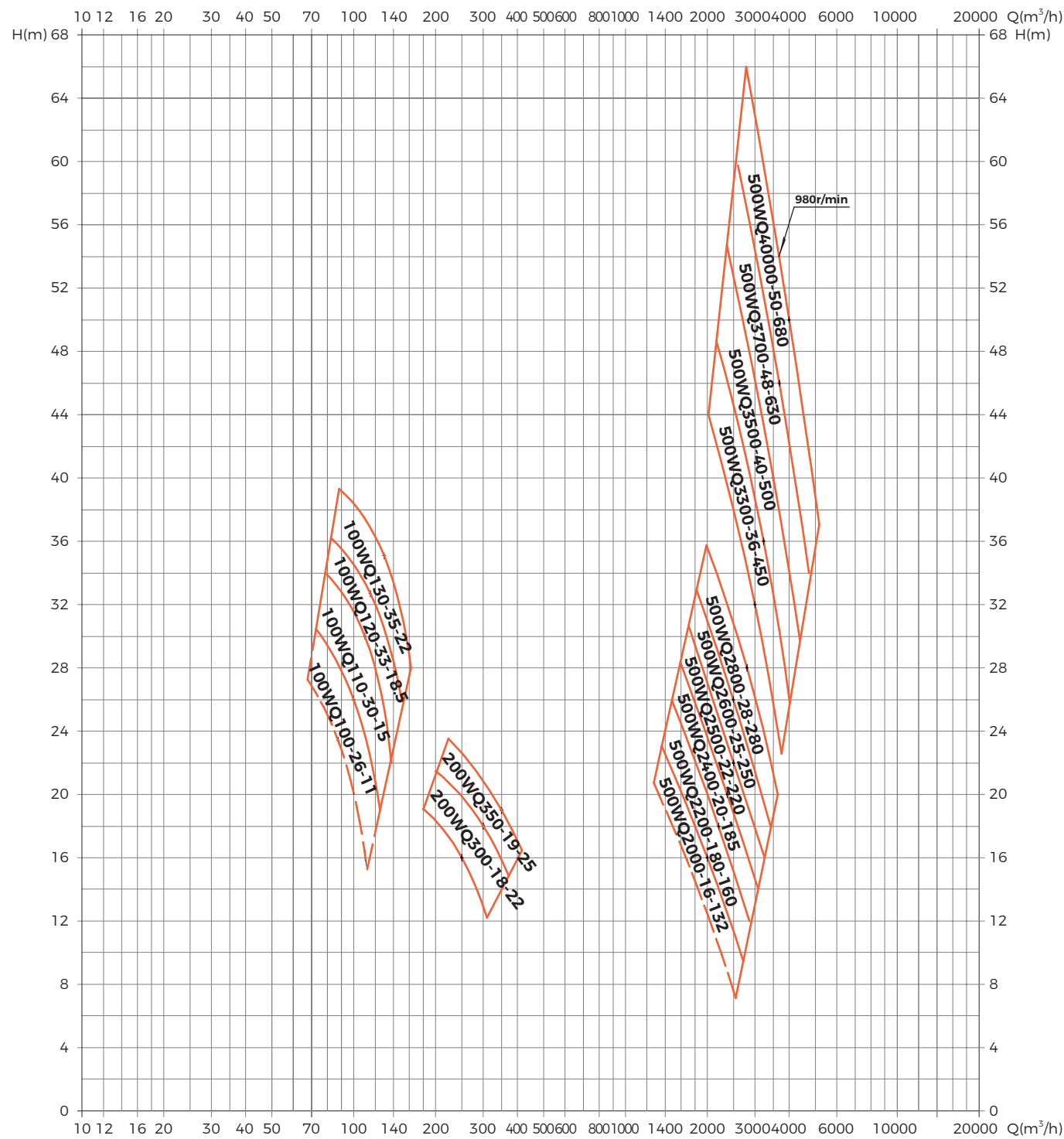
Part Material Configuration Table

Item	Part Name	Standard 1	Standard 2	Optional 1	Optional 2	Optional 3	Remarks
Motor Part	Cover	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Upper bearing body	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Case	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Lower bearing body	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Oil chamber	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Shaft	2Cr13	3Cr13	3Cr13	06Cr17Ni12Mo2(316)	022Cr22Ni5Mo3N	
	Stator	Silicon steel sheet + copper					
	Core	Cast aluminum (Low Voltage) / Copper bar(High Voltage)					
	Power cable	Special cable for submersible pump		Special cable for submersible pump (moderate corrosion resistance)		Special cable for submersible pump (strong corrosion resistance)	
	Control cable						
Pump Part	Pump casing	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Impeller	ZG07Cr19Ni10(304)	ZG07Cr19Ni10(304)	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Pump cover	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Suction cone	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
	Seal ring	ZG07Cr19Ni10(304)	ZG07Cr19Ni10(304)	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	
Matching Kit part	Mechanical seal in oil chamber	SiC-W					Bergman / LEO brand
	Mechanical seal out of oil chamber	SiC-W		Select according to the compatibility of media			Bergman / LEO brand
	Bearing	SKF Bearing / Domestic bearing					
	Connector	A2-70			06Cr17Ni12Mo2(316)	022Cr22Ni5Mo3N	
Installation part	Coupling mounting base	HT250	QT500-7	ZG07Cr19Ni10(304)	ZG03Cr19Ni11Mo2(316)	ZG03Cr22Ni6Mo3N	Coupling installation
	Guide rail(rod)	06Cr19Ni10(304)			06Cr17Ni12Mo2(316)	022Cr22Ni5Mo3N	Coupling installation
	Sling chain	Stainless steel					Coupling installation
	Fixed wet mounting base	Q235-B	Q235-B	06Cr19Ni10(304)	06Cr17Ni12Mo2(316)	022Cr22Ni5Mo3N	Fixed wet installation
	Fixed dry mounting base	Q235-B					Fixed dry installation
	Mobile mounting base	Q235-B	Q235-B	06Cr19Ni10(304)	06Cr17Ni12Mo2(316)	022Cr22Ni5Mo3N	Mobile installation

Comprehensive Performance Curve



Comprehensive Performance Curve



Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
1	80WQ40-45-11	80	24	48	2900	5.9	11	53	284	35
			40	45		8.5		58		
			50	40		9.6		57		
2	80WQ50-48-13	80	30	52	2900	8.0	13	53	284	35
			50	48		11.3		58		
			63	40		12.0		57		
3	80WQ50-55-15	80	30	59	2900	9.1	15	53	284	35
			50	55		12.9		58		
			63	49		14.6		57		
4	80WQ55-58-18.5	80	33	63	2900	12.6	18.5	45	285	35
			55	58		15.0		58		
			69	55		18.1		57		
5	80WQ60-62-22	80	36	66	2900	12.2	22	53	285	35
			60	62		17.5		58		
			75	57		20.4		57		
6	80WQ70-64-25	80	42	71	2900	18.1	25	45	290	35
			70	64		20.0		61		
			88	57		23.0		59		
7	80WQ80-75-30	80	48	84	2900	20.3	30	54	290	35
			80	75		26.8		61		
			100	64		29.6		59		
8	80WQ70-30-11	80	42	38	2900	7.2	11	60	284	35
			70	30		8.3		69		
			88	21		8.1		62		
9	80WQ80-34-15	80	48	42	2900	9.2	15	60	285	35
			80	34		10.7		69		
			100	25		11.0		62		
10	100WQ140-78-75	100	84	84	1450	44.2	75	43.5	853	30
			140	78		59.5		50		
			175	72		74.6		46		
11	100WQ150-84-90	100	90	90	1450	50.7	90	43.5	854	30
			150	84		68.7		50		
			188	80		88.9		46		
12	100WQ160-90-100	100	96	98	1450	58.9	100	43.5	855	30
			160	90		78.5		50		
			200	83		94.2		48		
13	100WQ170-95-110	100	102	104	1450	66.5	110	43.5	855	30
			170	95		88.0		50		
			213	86		103.7		48		
14	100WQ90-43-18.5	100	54	51	2900	10.7	18.5	70	616	40
			90	43		14.3		74		
			113	31		13.8		69		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
15	100WQ100-50-22	100	60	57	2900	13.3	22	70	617	40
			100	50		18.4		74		
			125	36		17.8		69		
16	100WQ130-54-30	100	78	62	2900	18.7	30	70.5	619	40
			130	54		25.7		74.5		
			163	41		26.1		69.5		
17	100WQ140-60-37	100	84	67	2900	21.5	37	71.3	619	40
			140	60		30.5		75		
			175	46		31.4		69.8		
18	100WQ160-64-45	100	96	72	2900	26.4	45	71.3	620	40
			160	64		37.2		75		
			200	51		39.8		69.8		
19	100WQ180-68-55	100	108	76	2900	31.3	55	71.5	630	40
			180	68		44.4		75.1		
			225	55		48.2		70		
20	100WQ100-26-11	100	60	32	2900	8.6	11	61	437	40
			100	26		10.0		71		
			125	19		10.0		65		
21	100WQ110-30-15	100	66	35	2900	10.3	15	61	438	40
			110	30		12.7		71		
			138	22		12.7		65		
22	100WQ120-33-18.5	100	72	37	2900	11.9	19	61	439	40
			120	33		15.2		71		
			150	26		16.4		65		
23	100WQ130-35-22	100	78	40	2900	13.9	22	61	440	40
			130	35		17.5		71		
			163	28		19.1		65		
24	150WQ250-63-75	150	150	71	1450	50.9	75	57	845	65
			250	63		65.0		66		
			325	39		59.6		58		
25	150WQ270-66-90	150	162	76	1450	58.9	90	57	858	65
			270	66		73.6		66		
			351	44		72.6		58		
26	150WQ300-70-110	150	180	80	1450	68.8	110	57	860	65
			300	70		86.7		66		
			390	48		88.0		58		
27	150WQ130-20-11	150	78	22	1450	7.2	11.0	65	617	60
			130	20		9.6		74		
			169	16		10.1		73		
28	150WQ150-23-15	150	90	26	1450	9.8	15.0	65	618	60
			150	23		12.7		74		
			195	17		12.4		73		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
29	150WQ160-25-18.5	150	96	28	1450	10.2	18.5	71.5	619	60
			160	25		14.5		75.1		
			208	20		16.2		70		
30	150WQ185-27-22	150	111	30	1450	12.7	22	71.5	620	60
			185	27		18.1		75.1		
			231	23		20.7		70		
31	150WQ200-30-30	150	120	33	1450	16.1	30	67	629	60
			200	30		21.5		76		
			260	26		25.2		73		
32	150WQ250-34-37	150	150	39	1450	24.2	37	66	630	60
			250	34		30.5		76		
			325	28		34.4		72		
33	150WQ180-15-11	150	108	17	1450	7.1	11.0	70	617	60
			180	15		9.8		75		
			234	7		6.2		72		
34	150WQ200-16-15	150	120	19	1450	8.9	15.0	70	618	60
			200	16		11.6		75		
			260	9		8.9		72		
35	150WQ210-18-18.5	150	126	21	1450	10.3	18.5	70	619	60
			210	18		13.7		75		
			273	14		14.5		72		
36	150WQ230-20-22	150	138	23	1450	12.4	22	70	620	60
			230	20		16.7		75		
			299	16		18.1		72		
37	150WQ250-22-30	150	150	25	1450	14.6	30	70	629	60
			250	22		20.0		75		
			325	18		22.8		70		
38	150WQ300-25-37	150	180	28	1450	19.3	37	71	630	60
			300	25		26.9		76		
			390	21		31.4		71		
39	150WQ350-28-45	150	210	31	1450	24.6	45	72	630	60
			350	28		35.1		76		
			455	22		37.9		72		
40	200WQ360-75-132	200	216	92	1450	91.8	132	59	1870	65
			360	75		111.5		66		
			468	55		115.0		61		
41	200WQ300-89-150	200	180	96	1450	78.5	150	60	2038	75
			300	89		108.6		67		
			390	81		138.8		62		
42	200WQ350-92-160	200	210	101	1450	96.3	160	60	2040	75
			350	92		131.0		67		
			455	79		158.0		62		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
43	200WQ400-94-185	200	240	102	1450	105.9	185	63	2055	75
			400	94		148.5		69		
			520	84		183.1		65		
44	200WQ450-96-200	200	270	112	1450	130.8	200	63	2058	75
			450	96		170.6		69		
			540	90		197.7		67		
45	200WQ500-100-220	200	300	117	1450	151.8	220	63	2060	75
			500	100		194.6		70		
			600	93		223.6		68		
46	200WQ300-38-45	200	180	44	1450	30.8	45	70	850	60
			300	38		40.9		76		
			390	32		46.0		74		
47	200WQ330-42-55	200	198	46	1450	37.0	55	67	862	60
			330	42		49.1		77		
			429	33		52.8		73		
48	200WQ360-45-65	200	216	49	1450	43.0	65	67	863	60
			360	45		57.3		77		
			468	37		64.6		73		
49	200WQ400-47-75	200	240	55	1450	52.9	75	68	865	60
			400	47		65.7		78		
			520	37		70.9		74		
50	200WQ450-50-90	200	270	58	1450	62.8	90	68	878	60
			450	50		78.6		78		
			585	40		86.2		74		
51	200WQ500-53-110	200	300	61	1450	73.3	110	68	880	60
			500	53		92.6		78		
			650	45		107.7		74		
52	200WQ400-30-55	200	240	34	1450	30.9	55	72	1067	65
			400	30		41.9		78		
			520	25		48.5		73		
53	200WQ450-32-65	200	270	36	1450	38.8	65	72	1068	65
			450	32		42.1		78		
			585	27		48.5		73		
54	200WQ500-35-75	200	300	39	1450	43.7	75	73	1070	65
			500	35		61.0		78		
			650	29		70.4		73		
55	200WQ300-18-22	200	180	22	1450	15.6	22	69	810	65
			300	18		19.4		76		
			390	14		20.7		72		
56	200WQ350-19-30	200	210	24	1450	19.6	30	70	818	65
			350	19		23.2		78		
			455	15		24.8		75		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
57	200WQ400-20-37	200	240	26	1450	24.3	37	70	819	65
			400	20		27.9		78		
			520	15		28.3		75		
58	200WQ450-22-45	200	270	28	1450	29.4	45	70	820	65
			450	22		34.6		78		
			585	17		36.1		75		
59	200WQ500-24-55	200	300	30	1450	35.0	55	70	830	65
			500	24		41.9		78		
			650	19		44.9		75		
60	200WQ250-11-11	200	175	14	1450	9.3	11.0	72	637	90
			250	11		9.4		80		
			325	7		8.4		74		
61	200WQ300-12-15	200	210	16	1450	12.7	15.0	72	638	90
			300	12		12.3		80		
			390	8		11.5		74		
62	200WQ350-13-18.5	200	245	16	1450	14.4	18.5	74	639	90
			350	13		15.3		81		
			455	9		14.7		76		
63	200WQ400-14-22	200	280	17	1450	17.1	22	76	640	90
			400	14		18.4		83		
			520	10		18.6		76		
64	200WQ450-15-25	200	315	18	1450	20.6	25	75	649	90
			450	15		22.2		83		
			585	11		22.5		78		
65	200WQ500-16-30	200	350	19	1450	24.2	30	75	650	90
			500	16		26.3		83		
			650	13		29.5		78		
66	250WQ700-94-315	250	420	111	1450	201.7	315	63	2478	80
			700	94		256.2		70		
			910	79		288.1		68		
67	250WQ750-100-355	250	450	117	1450	227.7	355	63	2480	80
			750	100		292.0		70		
			975	85		332.1		68		
68	250WQ550-57-132	250	330	66	1450	82.4	132	72.0	1985	80
			550	57		109.5		78.0		
			715	46		122.8		73.0		
69	250WQ600-60-160	250	360	70	1450	95.4	160	72.0	2005	80
			600	60		125.8		78.0		
			780	52		151.4		73.0		
70	250WQ650-63-185	250	390	73	1450	107.8	185	72.0	2023	80
			650	63		143.1		78.0		
			845	54		170.3		73.0		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
71	250WQ700-67-200	250	420	77	1450	122.4	200	72.0	2025	80
			700	67		163.8		78.0		
			910	56		190.2		73.0		
72	250WQ750-70-220	250	450	80	1450	136.3	220	72.0	2380	80
			750	70		183.4		78.0		
			975	59		214.7		73.0		
73	250WQ800-73-250	250	480	83	1450	150.8	250	72.0	2410	80
			800	73		204.0		78.0		
			1040	59		229.0		73.0		
74	250WQ850-76-280	250	510	90	1450	173.7	280	72.0	2440	80
			850	76		225.7		78.0		
			1105	60		247.5		73.0		
75	250WQ900-80-315	250	540	94	1450	192.1	315	72	2470	80
			900	80		248.4		79		
			1170	62		270.8		73		
76	250WQ550-37-90	250	330	42	1450	52.8	90	72	2023	80
			550	37		71.5		78		
			715	31		82.7		73		
77	250WQ600-40-100	250	360	45	1450	59.7	100	74	2024	80
			600	40		81.8		80		
			780	33		93.5		75		
78	250WQ650-42-110	250	390	49	1450	70.4	110	74	2025	80
			650	42		93.0		80		
			845	30		92.1		75		
79	250WQ700-45-132	250	420	52	1450	80.4	132	74	2045	80
			700	45		107.3		80		
			910	33		109.1		75		
80	250WQ800-46-160	250	480	54	1450	95.4	160	74	2065	80
			800	46		125.4		80		
			1040	35		132.3		75		
81	250WQ550-26-65	250	330	35	1450	43.7	65	72	1313	85
			550	26		49.3		79		
			715	20		53.4		73		
82	250WQ600-27-75	250	360	37	1450	49.7	75	73	1315	85
			600	27		55.2		80		
			780	21		60.3		74		
83	250WQ700-30-90	250	420	41	1450	63.4	90	74	1330	85
			700	30		70.6		81		
			910	23		75.0		76		
84	250WQ800-33-110	250	480	47	1450	83.1	110	74	2020	85
			800	33		88.8		81		
			1040	25		93.2		76		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
85	250WQ900-35-132	250	540	48	1450	95.4	132	74	2040	85
			900	35		106.0		81		
			1170	27		113.3		76		
86	250WQ500-5-11	250	350	7	980	9.1	11	73	707	105
			500	5		8.2		83		
			650	3		6.8		78		
87	250WQ550-7-15	250	385	9	980	12.9	15	73	708	105
			550	7		12.6		83		
			715	5		12.5		78		
88	250WQ600-8-18.5	250	420	10	980	15.7	18.5	73	709	105
			600	8		15.8		83		
			780	6		16.4		78		
89	250WQ600-10-22	250	420	12	980	19.1	22	72	710	105
			600	10		19.7		83		
			780	7		19.3		77		
90	300WQ900-47-185	300	540	55	980	119	185	68	2320	105
			900	47		154		75		
			1170	34		148		73		
91	300WQ1000-50-220	300	600	58	980	137	220	69	2380	105
			1000	50		179		76		
			1300	39		184		75		
92	300WQ1100-53-250	300	660	63	980	162	250	70	2410	105
			1100	53		204		78		
			1430	42		215		76		
93	300WQ1200-56-280	300	720	66	980	185	280	70	2440	105
			1200	56		235		78		
			1560	45		252		76		
94	300WQ1300-60-315	300	780	70	980	213	315	70	2470	105
			1300	60		273		78		
			1690	50		303		76		
95	300WQ1100-35-160	300	770	40	980	116.6	160	72	2494	105
			1100	35		132.8		79		
			1320	31		146.7		76		
96	300WQ1200-37-185	300	840	43	980	134.8	185	73	2696	105
			1200	37		151.2		80		
			1440	33		168.2		77		
97	300WQ1300-39-200	300	910	45	980	150.8	200	74	2598	105
			1300	39		170.6		81		
			1560	35		190.8		78		
98	300WQ1400-42-220	300	980	46	980	163.8	220	75	2600	105
			1400	42		197.8		81		
			1680	36		208.6		79		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
99	300WQ600-16-45	300	420	22	980	35.0	45	72	1320	100
			600	16		33.1		79		
			780	11		31.6		74		
100	300WQ700-17-55	300	490	23	980	42.1	55	73	1333	100
			700	17		40.5		80		
			910	12		39.2		76		
101	300WQ800-19-65	300	560	26	980	54.4	65	73	1334	100
			800	19		51.8		80		
			1040	14		52.2		76		
102	300WQ900-21-75	300	630	29	980	67.3	75	74	1335	100
			900	21		63.6		81		
			1170	16		66.2		77		
103	300WQ1000-23-90	300	700	30	980	77.3	90	74	1350	100
			1000	23		77.4		81		
			1300	17		78.2		77		
104	300WQ700-12-37	300	490	14	980	26.0	37	72	854	130
			700	12		28.3		81		
			910	9		29.0		77		
105	300WQ800-13-40	300	560	16	980	33.9	40	72	855	130
			800	13		35.0		81		
			1040	10		36.8		77		
106	300WQ900-14-45	300	630	17	980	40.0	45	73	855	130
			900	14		41.4		83		
			1170	10		40.9		78		
107	300WQ1000-15-55	300	700	18	980	47.0	55	73	869	130
			1000	15		49.2		83		
			1300	12		54.5		78		
108	300WQ1100-16-65	300	770	19	980	54.6	65	73	870	130
			1100	16		57.8		83		
			1430	13		64.9		78		
109	300WQ1400-63-355	300	840	73	980	239	355	70	2470	105
			1400	63		308		78		
			1820	53		346		76		
110	350WQ1500-68-450	350	900	73	980	255.8	450	70	7010	120
			1500	68		361.0		77		
			1950	54		393.1		73		
111	350WQ1600-72-500	350	960	77	980	287.8	500	70	7040	120
			1600	72		407.7		77		
			2080	58		450.3		73		
112	350WQ1800-76-560	350	1080	84	980	353.2	560	70	7055	120
			1800	76		484.1		77		
			2340	63		550.3		73		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
113	350WQ2000-80-680	350	1200	88	980	405.3	680	71	7100	120
			2000	80		559.0		78		
			2600	66		631.9		74		
114	350WQ1600-43-250	350	1120	51	980	216.2	250	72	3040	120
			1600	43		228.6		82		
			2080	31		225.3		78		
115	350WQ1700-46-280	350	1190	54	980	243.2	280	72	3070	120
			1700	46		259.9		82		
			2210	35		270.2		78		
116	350WQ1800-48-315	350	1260	56	980	267.1	315	72	3098	120
			1800	48		287.1		82		
			2340	37		302.5		78		
117	350WQ1900-50-355	350	1330	58	980	292.0	355	72	3100	120
			1900	50		315.7		82		
			2470	39		336.5		78		
118	350WQ1100-24-100	350	770	33	980	93.6	100	74	2420	120
			1100	24		87.7		82		
			1430	18		91.1		77		
119	350WQ1200-26-110	350	840	34	980	103.8	110	75	2439	120
			1200	26		103.7		82		
			1560	19		103.6		78		
120	350WQ1300-27-132	350	910	35	980	115.7	132	75	2440	120
			1300	27		116.6		82		
			1690	21		124.0		78		
121	350WQ1400-29-160	350	980	35	980	124.6	160	75	2459	120
			1400	29		134.9		82		
			1820	22		139.9		78		
122	350WQ1600-31-185	350	1120	37	980	152.6	185	74	2460	120
			1600	31		164.8		82		
			2080	22		159.9		78		
123	350WQ1200-17-75	350	840	20	980	57.9	75	79	2620	150
			1200	17		67.8		82		
			1560	13		71.8		77		
124	350WQ1300-18-90	350	910	21	980	65.9	90	79	2638	150
			1300	18		77.8		82		
			1690	12		71.8		77		
125	350WQ1400-19-110	350	980	23	980	76.8	110	80	2640	150
			1400	19		87.3		83		
			1820	13		82.7		78		
126	350WQ1600-21-132	350	1120	25	980	95.4	132	80	2660	150
			1600	21		110.3		83		
			2080	14		101.7		78		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
127	350WQ1800-23-160	350	1260	27	980	114.5	160	81	2680	150
			1800	23		132.9		84		
			2340	16		129.1		79		
128	350WQ900-4-15	350	630	6	980	13.6	15	76	1138	85
			900	4		12.4		79		
			1080	3		11.6		76		
129	350WQ900-5-18.5	350	630	8	980	17.8	18.5	77	1139	85
			900	5		15.3		80		
			1080	4		15.3		77		
130	350WQ1000-5-22	350	700	7	980	17.1	22	78	1140	85
			1000	5		16.8		81		
			1200	4		14.7		78		
131	350WQ1100-6-25	300	770	8	980	21.0	25	80	1149	85
			1100	6.0		21.9		82		
			1320	4		18.2		79		
132	350WQ1200-6-30	350	840	9.0	980	25.8	30	80	1150	85
			1200	6		23.9		82		
			1440	4.3		21.4		79		
133	350WQ1400-7-37	350	980	10	980	33.4	37	80	1415	85
			1400	7.0		32.2		83		
			1680	5.0		28.6		80		
134	350WQ1500-8-45	350	1050	11	980	38.9	45	81	1430	85
			1500	8		39.4		83		
			1800	6		36.3		81		
135	400WQ1700-32-220	400	1190	42	980	176.9	220	77	3160	135
			1700	32		180.8		82		
			2210	24		185.3		78		
136	400WQ1800-34-250	400	1260	45	980	200.7	250	77	3190	135
			1800	34		202.1		82		
			2340	26		212.6		78		
137	400WQ2000-35-280	400	1400	48	980	237.8	280	77	3220	135
			2000	35		229.8		83		
			2600	24		218.0		78		
138	400WQ2300-37-315	400	1610	50	980	284.9	315	77	3245	135
			2300	37		279.4		83		
			2990	26		268.2		79		
139	400WQ2500-40-355	400	1750	55	980	340.6	355	77	3250	135
			2500	40		328.3		83		
			3250	30		336.3		79		
140	400WQ2000-24-185	400	1400	27	980	135.5	185	76	2860	170
			2000	24		156.6		84		
			2600	18		161.4		79		
141	400WQ2200-26-220	400	1540	29	980	160.1	220	76	2920	170
			2200	26		186.7		84		
			2860	20		197.3		79		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
142	400WQ2400-28-250	400	1680	31	980	186.7	250	76	2950	170
			2400	28		219.3		84		
			3120	20		215.2		79		
143	400WQ2500-30-280	400	1750	33	980	204.4	280	77	2980	170
			2500	30		243.3		84		
			3250	24		265.7		80		
144	400WQ1700-12-75	400	1190	14	980	59.0	75	77	1695	140
			1700	12		67.0		83		
			2040	9		62.5		80		
145	400WQ1800-14-90	400	1260	16	980	71.3	90	77	1710	140
			1800	14		82.7		83		
			2160	11		80.9		80		
146	400WQ2000-15-110	400	1400	17	980	83.1	110	78	2570	140
			2000	15		97.3		84		
			2400	12		95.7		82		
147	400WQ2300-16-132	400	1610	19	980	106.9	132	78	2590	140
			2300	16		119.4		84		
			2760	13		119.2		82		
148	400WQ2500-18-160	400	1750	22	980	134.5	160	78	2610	140
			2500	18		146.0		84		
			3000	15		149.5		82		
149	400WQ1700-8.5-55	400	1190	12.0	980	47.9	55	81.3	1568	95
			1700	8.5		47.2		83.5		
			2040	6.3		43.5		80.6		
150	400WQ1800-9-65	400	1260	12.5	980	52.3	65	82	1569	95
			1800	9		52.6		84		
			2160	7		50.9		81		
151	400WQ2000-10-75	400	1400	13	980	60.5	75	82	1570	95
			2000	10		64.9		84		
			2400	8.0		64.6		81		
152	500WQ2100-52-400	500	1470	62	980	326.8	400	76	5200	135
			2100	52		354.3		84		
			2730	40		372.0		80		
153	500WQ2300-54-500	500	1610	64	980	369.5	500	76	7810	135
			2300	54		402.9		84		
			2990	40		407.4		80		
154	500WQ2500-56-630	500	1750	65	980	402.6	630	77	7850	135
			2500	56		448.8		85		
			3250	46		496.8		82		
155	500WQ3000-60-700	500	2100	78	980	579.7	700	77	9060	135
			3000	60		577.1		85		
			3900	50		648.0		82		
156	500WQ3500-64-900	500	2450	80	980	693.6	900	77	9100	135
			3500	65		729.3		85		
			4550	55		831.6		82		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
157	500WQ2000-16-132	500	1400	22	740	113.4	132	74	3598	160
			2000	16		109.0		80		
			2600	10		92.0		77		
158	500WQ2200-18-160	500	1540	25	740	139.9	160	75	3600	160
			2200	18		131.6		82		
			2860	12		119.9		78		
159	500WQ2400-20-185	500	1680	27	740	164.8	185	75	3630	160
			2400	20		159.5		82		
			3120	14		152.6		78		
160	500WQ2500-22-220	500	1750	30	740	190.8	220	75	3690	160
			2500	22		182.8		82		
			3250	16		181.7		78		
161	500WQ2600-25-250	500	1820	33	740	218.2	250	75	4985	160
			2600	25		216.0		82		
			3380	18		212.6		78		
162	500WQ2800-28-280	500	1960	36	740	253.0	280	76	4990	160
			2800	28		257.4		83		
			3640	20		251.1		79		
163	500WQ3000-30-315	500	2100	40	740	293.5	315	78	5020	160
			3000	30		295.5		83		
			3900	23		305.5		80		
164	500WQ3100-31-355	500	2170	41	740	319.0	355	76	5018	160
			3100	31		311.8		84		
			4030	24		329.5		80		
165	500WQ3500-32-400	500	2450	42	740	369.0	400	76	5020	160
			3500	32		363.3		84		
			4550	25		387.5		80		
166	500WQ3600-36-450	500	2520	43	740	383.5	450	77	9460	180
			3600	36		420.4		84		
			4680	27		430.4		80		
167	500WQ3800-37-500	500	2660	47	740	442.4	500	77	9470	180
			3800	37		450.7		85		
			4940	29		482.0		81		
168	500WQ4000-38-560	500	2800	48	740	475.6	560	77	9490	180
			4000	38		487.3		85		
			5200	27		472.3		81		
169	500WQ4000-42-600	500	2800	52	740	515.3	600	77	9540	180
			4000	42		538.6		85		
			5200	30		524.8		81		
170	500WQ3300-36-450	500	2310	45	980	354.1	450	80	7230	160
			3300	36		380.9		85		
			4290	27		384.9		82		
171	500WQ3500-40-500	500	2450	54	980	450.6	500	80	7250	160
			3500	40		448.8		85		
			4550	29		438.5		82		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
172	500WQ3700-46-630	500	2590	60	980	529.3	630	80	7270	160
			3700	46		545.6		85		
			4810	34		543.5		82		
173	500WQ4000-50-680	500	2800	66	980	629.5	680	80	7290	160
			4000	50		641.2		85		
			5200	37		639.4		82		
174	500WQ1600-10-65	500	1116	14	590	53.2	65	80	3538	160
			1600	10		52.2		85		
			2073	6		43.8		82		
175	500WQ1750-11-75	500	1228	16	590	66.5	75	80	3540	160
			1750	11		64.2		85		
			2280	8		57.8		82		
176	500WQ2000-13-90	500	1339	17	590	78.3	90	80	3560	160
			2000	13		81.5		85		
			2488	9		73.6		82		
177	500WQ2000-14-110	500	1395	19	590	90.6	110	80	3580	160
			2000	14		89.7		85		
			2591	10		87.6		82		
178	500WQ2100-16-132	500	1451	21	590	103.7	132	80	3630	160
			2100	16		107.0		85		
			2695	11		102.5		82		
179	500WQ2200-18-160	500	1563	23	590	121.8	160	80	3660	160
			2200	18		125.5		85		
			2902	13		122.6		82		
180	500WQ2400-20-185	500	1674	25	590	145.0	185	80	3690	160
			2400	19		146.7		85		
			3109	15		151.1		82		
181	500WQ2500-17-160	500	1750	20	740	128.9	160	74	3470	210
			2500	17		141.2		82		
			3250	11		128.2		76		
182	500WQ2800-18-185	500	1890	21	740	144.2	185	75	3500	210
			2800	18		165.5		83		
			3510	12		147.2		78		
183	500WQ3100-19-220	500	2170	22	740	173.5	220	75	3560	210
			3100	19		193.4		83		
			4030	13		183.0		78		
184	500WQ3300-20-250	500	2310	24	740	201.4	250	75	4870	210
			3300	20		216.7		83		
			4290	15		224.8		78		
185	500WQ3500-22-280	500	2450	25	740	219.6	280	76	4875	210
			3500	22		249.8		84		
			4550	16		251.1		79		
186	500WQ3600-23-315	500	2520	26	740	231.9	315	77	4900	210
			3600	23		268.6		84		
			4680	17		271.0		80		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
187	500WQ3800-24-355	500	2660	27	740	254.2	355	77	4905	210
			3800	24		295.9		84		
			4940	18		302.9		80		
188	500WQ4000-26-400	500	2800	29	740	283.7	400	78	4910	210
			4000	26		333.4		85		
			5200	20		349.9		81		
189	500WQ2500-5-55	500	1750	8	740	47.1	55	81	2758	120
			2500	5		41.5		82		
			3000	3		30.3		81		
190	500WQ3000-6-75	500	2100	10	740	70.6	75	81	2760	120
			3000	6		59.8		82		
			3600	4		48.4		81		
191	500WQ3200-7-90	500	2240	11	740	83.9	90	80	2778	120
			3200	7		73.5		83		
			3840	6		77.5		81		
192	500WQ3300-8-110	500	2310	12.5	740	98.4	110	80	2780	120
			3300	8		86.7		83		
			3960	7		93.3		81		
193	500WQ3500-9-132	500	2450	13	740	107.1	132	81	2800	120
			3500	9		102.2		84		
			4200	7		97.7		82		
194	600WQ4500-43-680	600	3150	55	740	613	680	77	12340	130
			4500	43		620		85		
			5400	32		589		80		
195	600WQ5000-46-800	600	3500	58	740	718	800	77	12420	130
			5000	46		737		85		
			6000	35		715		80		
196	600WQ5500-48-900	600	3850	60	740	807	900	78	12500	130
			5500	48		837		86		
			6600	38		844		81		
197	600WQ4000-10-160	600	2800	14	740	131.9	160	81	3860	140
			4000	10		129.8		84		
			4800	7.5		119.6		82		
198	600WQ4500-11-200	600	3150	15	740	157.0	200	82	3920	140
			4500	11		158.7		85		
			5400	8		142.7		83		
199	600WQ5000-12-250	600	3500	16	740	183.9	250	83	5205	140
			5000	12		192.4		85		
			6000	9		178.4		83		
200	600WQ5500-13-280	600	3850	18	740	227.5	280	83	5210	140
			5500	13		229.2		85		
			6600	10		218.0		83		
201	600WQ6000-14-315	600	4200	19	740	265.2	315	82	5250	140
			6000	14		269.3		85		
			7200	11		263.2		82		

Performance Parameter Table

No.	Type	Outlet Diameter	Capacity	Head	Speed	Shaft Power	Power	Eff.	Weight	Max. solid
		mm	m³/h	m	r/min	kW	kW	%	kg	mm
202	700WQ6000-30-630	700	4200	39	590	580	630	77	13420	210
			6000	30		577		85		
			7200	18		441		80		
203	700WQ6500-31-710	700	4550	41	590	660	710	77	13450	210
			6500	31		646		85		
			7800	20		531		80		
204	700WQ7000-32-800	700	4900	44	590	753	800	78	13500	210
			7000	32		710		86		
			8400	22		622		81		
205	700WQ6000-20-450	700	4200	24	740	330.9	450	83	10050	230
			6000	20		380.2		86		
			7200	13		335.6		76		
206	700WQ6500-21-500	700	4550	26	740	388.4	500	83	11000	230
			6500	21		432.5		86		
			7800	13		363.6		76		
207	700WQ7000-23-560	700	4900	28	740	450.4	560	83	11050	230
			7000	23		510.1		86		
			8400	15		451.8		76		
208	700WQ7500-25-630	700	5250	30	740	510.9	630	84	11100	230
			7500	25		587.3		87		
			9000	18		580.9		76		
209	700WQ6500-10-250	700	4550	16	590	236.2	250	84	7700	230
			6500	10		201.3		88		
			7800	5		139.8		76		
210	700WQ7000-11-280	700	4900	17	590	270.2	280	84	7750	230
			7000	11		235.8		89		
			8400	5		148.6		77		
211	800WQ7500-11.5-315	800	5250	18	590	306.6	315	84	7800	170
			7500	11.5		267.1		88		
			9000	6		191.1		77		
212	800WQ8000-12-400	800	5600	18	590	323.2	400	85	10250	170
			8000	12		293.9		89		
			9600	5		167.7		78		
213	800WQ8500-13-450	800	5950	18	590	343.4	450	85	10300	190
			8500	13		338.3		89		
			10200	10		343.1		81		
214	900WQ9000-13-500	900	6300	19	590	388.3	500	84	11100	190
			9000	13		362.3		88		
			10800	6		226.4		78		
215	900WQ10000-14-560	900	7000	21	590	476.9	560	84	11200	190
			10000	14		433.5		88		
			12000	6		251.5		78		
216	1000WQ11000-15-630	1000	7700	22	590	549.5	630	84	11300	190
			11000	15		510.9		88		
			13200	7		322.8		78		

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
1	80WQ40-45-11	YQW260-11KW-2P	380	2900	21.2	0.88	89.4	2.0	260
2	80WQ45-48-13	YQW260-13KW-2P	380	2900	24.9	0.88	90.0	2.0	260
3	80WQ50-55-15	YQW260-15KW-2P	380	2900	28.7	0.88	90.3	2.0	260
4	80WQ55-58-18.5	YQW260-18.5KW-2P	380	2900	34.7	0.89	90.9	2.0	260
5	80WQ60-62-22	YQW260-22KW-2P	380	2900	41.4	0.89	91.3	2.0	260
6	80WQ70-64-25	YQW260-25KW-2P	380	2900	46.6	0.89	91.6	2.0	260
7	80WQ80-75-30	YQW260-30KW-2P	380	2900	55.7	0.89	92.0	2.0	260
8	80WQ70-30-11	YQW260-11KW-2P	380	2900	21.2	0.88	89.4	2.0	260
9	80WQ80-34-15	YQW260-15KW-2P	380	2900	28.7	0.88	90.3	2.0	260
10	100WQ140-78-75	YQW400-75KW-4P	380	1450	139.3	0.87	94.0	2.0	400
11	100WQ150-84-90	YQW400-90KW-4P	380	1450	166.9	0.87	94.2	2.0	400
12	100WQ160-90-100	YQW400-100KW-4P	380	1450	185.2	0.87	94.3	2.0	400
13	100WQ170-95-110	YQW400-110KW-4P	380	1450	203.3	0.87	94.5	2.0	400
14	100WQ90-43-18.5	YQW327-18.5KW-2P	380	2900	34.7	0.89	90.9	2.0	327
15	100WQ100-50-22	YQW327-22KW-2P	380	2900	41.1	0.89	91.3	2.0	327
16	100WQ130-54-30	YQW327-30KW-2P	380	2900	55.7	0.89	92.0	2.0	327
17	100WQ140-60-37	YQW327-37KW-2P	380	2900	68.3	0.89	92.5	2.0	327
18	100WQ160-64-45	YQW327-45KW-2P	380	2900	82.7	0.89	92.9	2.0	327
19	100WQ180-68-55	YQW327-55KW-2P	380	2900	100.7	0.89	93.2	2.0	327
20	100WQ100-26-11	YQW260-11KW-2P	380	2900	21.2	0.88	89.4	2.0	260
21	100WQ110-30-15	YQW260-15KW-2P	380	2900	28.7	0.88	90.3	2.0	260

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
22	100WQ120-33-18.5	YQW260-18.5KW-2P	380	2900	34.7	0.89	90.9	2.0	260
23	100WQ130-35-22	YQW260-22KW-2P	380	2900	41.1	0.89	91.3	2.0	260
24	150WQ250-63-75	YQW400-75KW-4P	380	1450	139.3	0.87	94.0	2.0	400
25	150WQ270-66-90	YQW400-90KW-4P	380	1450	166.9	0.87	94.2	2.0	400
26	150WQ300-70-110	YQW400-110KW-4P	380	1450	203.3	0.87	94.5	2.0	400
27	150WQ130-20-11	YQW327-11KW-4P	380	1450	21.8	0.85	90.2	2.0	327
28	150WQ150-23-15	YQW327-15KW-4P	380	1450	29.3	0.86	90.6	2.0	327
29	150WQ160-25-18.5	YQW327-18.5KW-4P	380	1450	35.8	0.86	91.2	2.0	327
30	150WQ185-27-22	YQW327-22KW-4P	380	1450	41.9	0.87	91.6	2.0	327
31	150WQ200-30-30	YQW327-30KW-4P	380	1450	56.8	0.87	92.3	2.0	327
32	150WQ250-34-37	YQW327-37KW-4P	380	1450	69.7	0.87	92.7	2.0	327
33	150WQ180-15-11	YQW327-11KW-4P	380	1450	21.8	0.85	90.2	2.0	327
34	150WQ200-16-15	YQW327-15KW-4P	380	1450	29.3	0.86	90.6	2.0	327
35	150WQ210-18-18.5	YQW327-18.5KW-4P	380	1450	35.8	0.86	91.2	2.0	327
36	150WQ230-20-22	YQW327-22KW-4P	380	1450	41.9	0.87	91.6	2.0	327
37	150WQ250-22-30	YQW327-30KW-4P	380	1450	56.8	0.87	92.3	2.0	327
38	150WQ300-25-37	YQW327-37KW-4P	380	1450	69.7	0.87	92.7	2.0	327
39	150WQ350-28-45	YQW327-45KW-4P	380	1450	83.5	0.88	93.1	2.0	327
40	200WQ360-75-132	YQW520-132KW-4P	380	1450	243.4	0.87	94.7	2.0	520
41	200WQ300-89-150	YQW520-150KW-4P	380	1450	276.3	0.87	94.8	2.0	520
42	200WQ350-92-160	YQW520-160KW-4P	380	1450	297.9	0.86	94.9	2.0	520

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosφ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
43	200WQ400-94-185	YQW520-185KW-4P	380	1450	344.0	0.86	95.0	2.0	520
44	200WQ450-96-200	YQW520-200KW-4P	380	1450	381.6	0.86	95.1	2.0	520
45	200WQ500-100-220	YQW520-220KW-4P	380	1450	413.5	0.85	95.1	2.0	520
46	200WQ300-38-45	YQW400-45KW-4P	380	1450	83.5	0.88	93.1	2.0	400
47	200WQ330-42-55	YQW400-55KW-4P	380	1450	101.6	0.88	93.5	2.0	400
48	200WQ360-45-65	YQW400-65KW-4P	380	1450	121.0	0.87	93.8	2.0	400
49	200WQ400-47-75	YQW400-75KW-4P	380	1450	139.3	0.87	94.0	2.0	400
50	200WQ450-50-90	YQW400-90KW-4P	380	1450	166.9	0.87	94.2	2.0	400
51	200WQ500-53-110	YQW400-110KW-4P	380	1450	203.3	0.87	94.5	2.0	400
52	200WQ400-30-55	YQW400-55KW-4P	380	1450	101.6	0.88	93.5	2.0	400
53	200WQ450-32-65	YQW400-65KW-4P	380	1450	121.0	0.87	93.8	2.0	400
54	200WQ500-35-75	YQW400-75KW-4P	380	1450	139.3	0.87	94.0	2.0	400
55	200WQ300-18-22	YQW327-22KW-4P	380	1450	41.9	0.87	91.6	2.0	327
56	200WQ350-19-30	YQW327-30KW-4P	380	1450	56.8	0.87	92.3	2.0	327
57	200WQ400-20-37	YQW327-37KW-4P	380	1450	69.7	0.87	92.7	2.0	327
58	200WQ450-22-45	YQW327-45KW-4P	380	1450	83.5	0.88	93.1	2.0	327
59	200WQ500-24-55	YQW327-55KW-4P	380	1450	101.6	0.88	93.5	2.0	327
60	200WQ250-11-11	YQW327-11KW-4P	380	1450	21.8	0.85	90.2	2.0	327
61	200WQ300-12-15	YQW327-15KW-4P	380	1450	29.3	0.86	90.6	2.0	327
62	200WQ350-13-18.5	YQW327-18.5KW-4P	380	1450	35.8	0.86	91.2	2.0	327
63	200WQ400-14-22	YQW327-22KW-4P	380	1450	41.9	0.87	91.6	2.0	327

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosφ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
64	200WQ450-15-25	YQW327-25KW-4P	380	1450	47.5	0.87	92.0	2.0	327
65	200WQ500-16-30	YQW327-30KW-4P	380	1450	56.8	0.87	92.3	2.0	327
66	200WQ700-94-315	YQW590-315KW-4P	380	1450	585.2	0.86	95.1	2.0	590
67	200WQ750-100-355	YQW590-355KW-4P	380	1450	659.5	0.86	95.1	2.0	590
68	250WQ550-57-132	YQW520-132KW-4P	380	1450	243.4	0.87	94.7	2.0	520
69	250WQ600-60-160	YQW520-160KW-4P	380	1450	297.9	0.86	94.9	2.0	520
70	250WQ650-63-185	YQW520-185KW-4P	380	1450	344.0	0.86	95.0	2.0	520
71	250WQ700-67-200	YQW520-200KW-4P	380	1450	371.6	0.86	95.1	2.0	520
72	250WQ750-70-220	YQW590-220KW-4P	380	1450	408.7	0.86	95.1	2.0	590
73	250WQ800-73-250	YQW590-250KW-4P	380	1450	464.4	0.86	95.1	2.0	590
74	250WQ850-76-280	YQW590-280KW-4P	380	1450	520.2	0.86	95.1	2.0	590
75	250WQ900-80-315	YQW590-315KW-4P	380	1450	585.2	0.86	95.1	2.0	590
76	250WQ550-37-90	YQW520-90KW-4P	380	1450	166.9	0.87	94.2	2.0	520
77	250WQ600-40-100	YQW520-100KW-4P	380	1450	185.2	0.87	94.3	2.0	520
78	250WQ650-42-110	YQW520-110KW-4P	380	1450	203.3	0.87	94.5	2.0	520
79	250WQ700-45-132	YQW520-132KW-4P	380	1450	243.4	0.87	94.7	2.0	520
80	250WQ800-46-160	YQW520-160KW-4P	380	1450	297.9	0.86	94.9	2.0	520
81	250WQ550-26-65	YQW400-65KW-4P	380	1450	121.0	0.87	93.8	2.0	400
82	250WQ600-27-75	YQW400-75KW-4P	380	1450	139.3	0.87	94.0	2.0	400
83	250WQ700-30-90	YQW400-90KW-4P	380	1450	166.9	0.87	94.2	2.0	400
84	250WQ800-33-110	YQW520-110KW-4P	380	1450	203.3	0.87	94.5	2.0	520
85	250WQ900-35-132	YQW520-132KW-4P	380	1450	243.4	0.87	94.7	2.0	520

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
86	250WQ500-5-11	YQW327-11KW-6P	380	980	23.5	0.80	88.9	1.9	327
87	250WQ550-7-15	YQW327-15KW-6P	380	980	31.4	0.81	89.7	1.9	327
88	250WQ600-8-18.5	YQW327-18.5KW-6P	380	980	37.5	0.83	90.4	1.9	327
89	250WQ600-10-22	YQW327-22KW-6P	380	980	44.3	0.83	90.9	1.9	327
90	300WQ900-47-185	YQW590-185KW-6P	380	980	365.7	0.81	94.9	1.9	590
91	300WQ1000-50-220	YQW590-220KW-6P	380	980	434.4	0.81	95.0	1.9	590
92	300WQ1100-53-250	YQW590-250KW-6P	380	980	493.6	0.81	95.0	1.9	590
93	300WQ1200-56-280	YQW590-280KW-6P	380	980	552.9	0.81	95.0	1.9	590
94	300WQ1300-60-315	YQW590-315KW-6P	380	980	614.4	0.82	95.0	1.9	590
95	300WQ1100-35-160	YQW520-160KW-6P	380	980	316.6	0.81	94.8	1.9	520
96	300WQ1200-37-185	YQW520-185KW-6P	380	980	365.7	0.81	94.9	1.9	520
97	300WQ1300-39-200	YQW520-200KW-6P	380	980	394.9	0.81	95.0	1.9	520
98	300WQ1400-42-220	YQW520-220KW-6P	380	980	434.4	0.81	95.0	1.9	520
99	300WQ600-16-45	YQW400-45KW-6P	380	980	84.8	0.87	92.7	1.9	400
100	300WQ700-17-55	YQW400-55KW-6P	380	980	103.2	0.87	93.1	1.9	400
101	300WQ800-19-65	YQW400-65KW-6P	380	980	123.0	0.86	93.4	1.9	400
102	300WQ900-21-75	YQW400-75KW-6P	380	980	148.3	0.82	93.7	1.9	400
103	300WQ1000-23-90	YQW400-90KW-6P	380	980	177.4	0.82	94.0	1.9	400
104	300WQ700-12-37	YQW400-37KW-6P	380	980	70.9	0.86	92.2	1.9	400
105	300WQ800-13-40	YQW400-40KW-6P	380	980	76.3	0.86	92.6	1.9	400
106	300WQ900-14-45	YQW400-45KW-6P	380	980	84.8	0.87	92.7	1.9	400
107	300WQ1000-15-55	YQW400-55KW-6P	380	980	103.2	0.87	93.1	1.9	400

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
108	300WQ1100-16-65	YQW400-65KW-6P	380	980	123.0	0.86	93.4	1.9	400
109	300WQ1400-63-355	YQW590-355KW-6P	380	980	692.4	0.82	95.0	1.9	590
110	350WQ1500-68-450	YQWG740-450KW-6P	10000	980	33.5	0.83	93.5	0.7	740
111	350WQ1600-72-500	YQWG740-500KW-6P	10000	980	37.0	0.83	93.9	0.7	740
112	350WQ1800-76-560	YQWG740-560KW-6P	10000	980	40.9	0.84	94.1	0.7	740
113	350WQ2000-80-680	YQWG740-680KW-6P	10000	980	49.5	0.84	94.5	0.7	740
114	350WQ1600-43-250	YQW590-250KW-6P	380	980	493.6	0.81	95.0	1.9	590
115	350WQ1700-46-280	YQW590-280KW-6P	380	980	552.9	0.81	95.0	1.9	590
116	350WQ1800-48-315	YQW590-315KW-6P	380	980	614.4	0.82	95.0	1.9	590
117	350WQ1900-50-355	YQW590-355KW-6P	380	980	692.4	0.82	95.0	1.9	590
118	350WQ1100-24-100	YQW520-100KW-6P	380	980	197.1	0.82	94.0	1.9	520
119	350WQ1200-26-110	YQW520-110KW-6P	380	980	216.1	0.82	94.3	1.9	520
120	350WQ1300-27-132	YQW520-132KW-6P	380	980	261.7	0.81	94.6	1.9	520
121	350WQ1400-29-160	YQW520-160KW-6P	380	980	316.6	0.81	94.8	1.9	520
122	350WQ1600-31-185	YQW520-185KW-6P	380	980	365.7	0.81	94.9	1.9	520
123	350WQ1200-17-75	YQW520-75KW-6P	380	980	148.3	0.82	93.7	1.9	520
124	350WQ1300-18-90	YQW520-90KW-6P	380	980	177.4	0.82	94.0	1.9	520
125	350WQ1400-19-110	YQW520-110KW-6P	380	980	216.1	0.82	94.3	1.9	520
126	350WQ1600-21-132	YQW520-132KW-6P	380	980	261.7	0.81	94.6	1.9	520
127	350WQ1800-23-160	YQW520-160KW-6P	380	980	316.6	0.81	94.8	1.9	520
128	350WQ900-4-15	YQW327-15KW-6P	380	980	31.4	0.81	89.7	1.9	327
129	350WQ900-5-18.5	YQW327-18.5KW-6P	380	980	37.5	0.83	90.4	1.9	327

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
130	350WQ1000-5-22	YQW327-22KW-6P	380	980	44.3	0.83	90.9	1.9	327
131	350WQ1100-6-25	YQW327-25KW-6P	380	980	49.6	0.84	91.2	1.9	327
132	350WQ1200-6-30	YQW327-30KW-6P	380	980	58.5	0.85	91.7	1.9	327
133	350WQ1400-7-37	YQW400-37KW-6P	380	980	70.9	0.86	92.2	1.9	400
134	350WQ1500-8-45	YQW400-45KW-6P	380	980	84.8	0.87	92.7	1.9	400
135	400WQ1700-32-220	YQW590-220KW-6P	380	980	434.4	0.81	95.0	1.9	590
136	400WQ1800-34-250	YQW590-250KW-6P	380	980	493.6	0.81	95.0	1.9	590
137	400WQ2000-35-280	YQW590-280KW-6P	380	980	552.9	0.81	95.0	1.9	590
138	400WQ2300-37-315	YQW590-315KW-6P	380	980	614.4	0.82	95.0	1.9	590
139	400WQ2500-40-355	YQW590-355KW-6P	380	980	692.4	0.82	95.0	1.9	590
140	400WQ2000-24-185	YQW590-185KW-6P	380	980	365.7	0.81	94.9	1.9	590
141	400WQ2200-26-220	YQW590-220KW-6P	380	980	434.4	0.81	95.0	1.9	590
142	400WQ2400-28-250	YQW590-250KW-6P	380	980	493.6	0.81	95.0	1.9	590
143	400WQ2500-30-280	YQW590-280KW-6P	380	980	552.9	0.81	95.0	1.9	590
144	400WQ1700-12-75	YQW400-75KW-6P	380	980	148.3	0.82	93.7	1.9	400
145	400WQ1800-14-90	YQW400-90KW-6P	380	980	177.4	0.82	94.0	1.9	400
146	400WQ2000-15-110	YQW520-110KW-6P	380	980	216.1	0.82	94.3	1.9	520
147	400WQ2300-16-132	YQW520-132KW-6P	380	980	261.7	0.81	94.6	1.9	520
148	400WQ2500-18-160	YQW520-160KW-6P	380	980	316.6	0.81	94.8	1.9	520
149	400WQ1700-8.5-55	YQW400-55KW-6P	380	980	103.2	0.87	93.1	1.9	400
150	400WQ1800-9-65	YQW400-65KW-6P	380	980	123.0	0.86	93.4	1.9	400
151	400WQ2000-10-75	YQW400-75KW-6P	380	980	148.3	0.82	93.7	1.9	400

Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
152	500WQ2100-52-400	YQW670-400KW-6P	380	980	725.5	0.88	95.2	1.9	670
153	500WQ2300-54-500	YQWG740-500KW-6P	10000	980	37.0	0.83	93.9	0.7	740
154	500WQ2500-56-630	YQWG740-630KW-6P	10000	980	45.9	0.84	94.4	0.7	740
155	500WQ3000-60-700	YQWG850-700KW-6P	10000	980	50.9	0.84	94.6	0.7	850
156	500WQ3500-64-900	YQWG850-900KW-6P	10000	980	64.4	0.85	94.9	0.7	850
157	500WQ2000-16-132	YQW590-132KW-8P	380	740	262.3	0.81	94.4	1.8	590
158	500WQ2200-18-160	YQW590-160KW-8P	380	740	321.2	0.80	94.6	1.8	590
159	500WQ2400-20-185	YQW590-185KW-8P	380	740	375.3	0.79	94.8	1.8	590
160	500WQ2500-22-220	YQW590-220KW-8P	380	740	451.6	0.78	94.9	1.8	590
161	500WQ2600-25-250	YQW670-250KW-8P	380	740	506.7	0.79	94.9	1.8	670
162	500WQ2800-28-280	YQW670-280KW-8P	380	740	560.4	0.80	94.9	1.6	670
163	500WQ3000-30-315	YQW670-315KW-8P	380	740	630.4	0.80	94.9	1.6	670
164	500WQ3100-31-355	YQW670-355KW-8P	380	740	710.5	0.80	94.9	1.6	670
165	500WQ3500-32-400	YQW670-400KW-8P	380	740	800.5	0.80	94.9	1.6	670
166	500WQ3600-36-450	YQWG850-450KW-8P	10000	740	33.7	0.81	95.2	0.7	850
167	500WQ3800-37-500	YQWG850-500KW-8P	10000	740	37.4	0.81	95.3	0.7	850
168	500WQ4000-38-560	YQWG850-560KW-8P	10000	740	41.8	0.81	95.4	0.7	850
169	500WQ4000-42-600	YQWG850-600KW-8P	10000	740	44.7	0.81	95.6	0.7	850
170	500WQ3300-36-450	YQWG740-450KW-6P	10000	980	33.5	0.83	93.5	0.7	740
171	500WQ3500-40-500	YQWG740-500KW-6P	10000	980	37.0	0.83	93.9	0.7	740
172	500WQ3700-46-630	YQWG740-630KW-6P	10000	980	45.9	0.84	94.4	0.7	740
173	500WQ4000-50-680	YQWG740-680KW-6P	10000	980	49.5	0.84	94.5	0.7	740

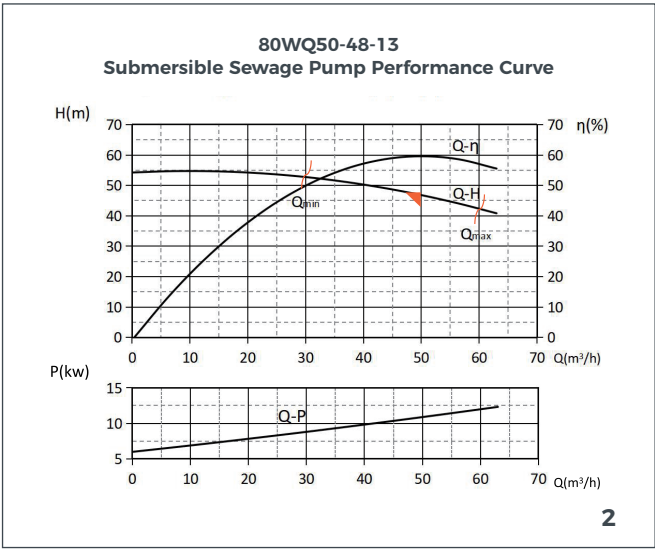
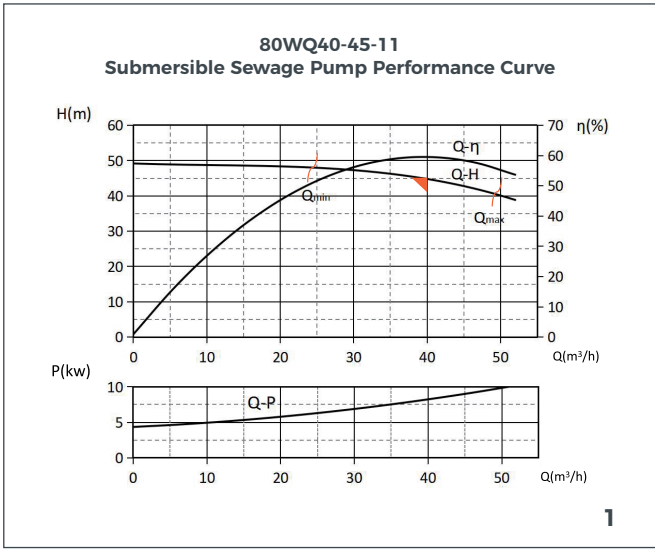
Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
174	500WQ1600-10-65	YQW520-65KW-10P	380	590	138.7	0.77	92.5	1.3	520
175	500WQ1750-11-75	YQW520-75KW-10P	380	590	159.1	0.77	93.0	1.3	520
176	500WQ2000-13-90	YQW520-90KW-10P	380	590	190.1	0.77	93.4	1.3	520
177	500WQ2000-14-110	YQW520-110KW-10P	380	590	231.6	0.77	93.7	1.3	520
178	500WQ2100-16-132	YQW590-132KW-10P	380	590	276.5	0.77	94.2	1.3	590
179	500WQ2200-18-160	YQW590-160KW-10P	380	590	334.4	0.77	94.4	1.3	590
180	500WQ2400-20-185	YQW590-185KW-10P	380	590	385.9	0.77	94.6	1.3	590
181	500WQ2500-17-160	YQW590-160KW-8P	380	740	321.2	0.80	94.6	1.8	590
182	500WQ2800-18-185	YQW590-185KW-8P	380	740	375.3	0.79	94.8	1.8	590
183	500WQ3100-19-220	YQW590-220KW-8P	380	740	451.6	0.78	94.9	1.8	590
184	500WQ3300-20-250	YQW670-250KW-8P	380	740	506.7	0.79	94.9	1.8	670
185	500WQ3500-22-280	YQW670-280KW-8P	380	740	560.4	0.80	94.9	1.6	670
186	500WQ3600-23-315	YQW670-315KW-8P	380	740	630.4	0.80	94.9	1.6	670
187	500WQ3800-24-355	YQW670-355KW-8P	380	740	710.5	0.80	94.9	1.6	670
188	500WQ4000-26-400	YQW670-400KW-8P	380	740	800.5	0.80	94.9	1.6	670
189	500WQ2500-5-55	YQW520-55KW-8P	380	740	109.9	0.82	92.7	1.8	520
190	500WQ3000-6-75	YQW520-75KW-8P	380	740	148.8	0.82	93.4	1.8	520
191	500WQ3200-7-90	YQW520-90KW-8P	380	740	178.0	0.82	93.7	1.8	520
192	500WQ3300-8-110	YQW520-110KW-8P	380	740	219.5	0.81	94.0	1.8	520
193	500WQ3500-9-132	YQW520-132KW-8P	380	740	262.3	0.81	94.4	1.8	520
194	600WQ4500-43-680	YQWC990-680KW-8P	10000	740	50.6	0.82	94.6	0.7	990
195	600WQ5000-46-800	YQWC990-800KW-8P	10000	740	59.5	0.82	94.7	0.7	990

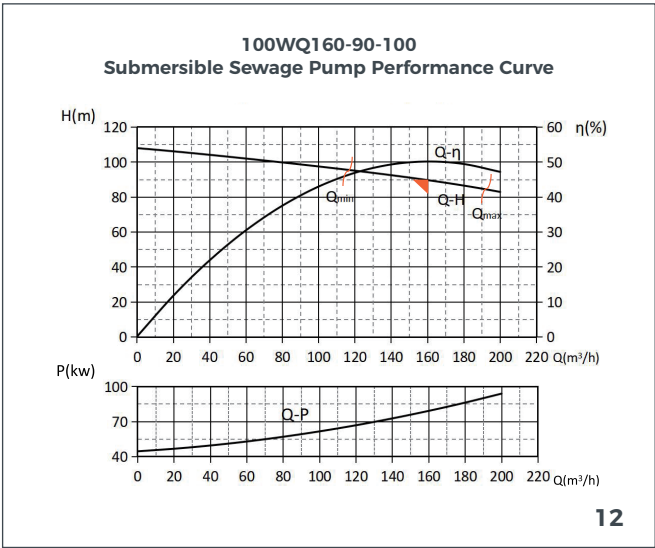
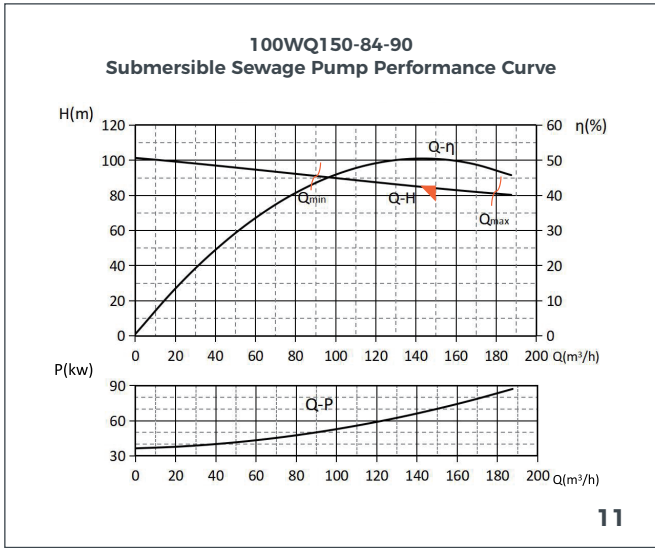
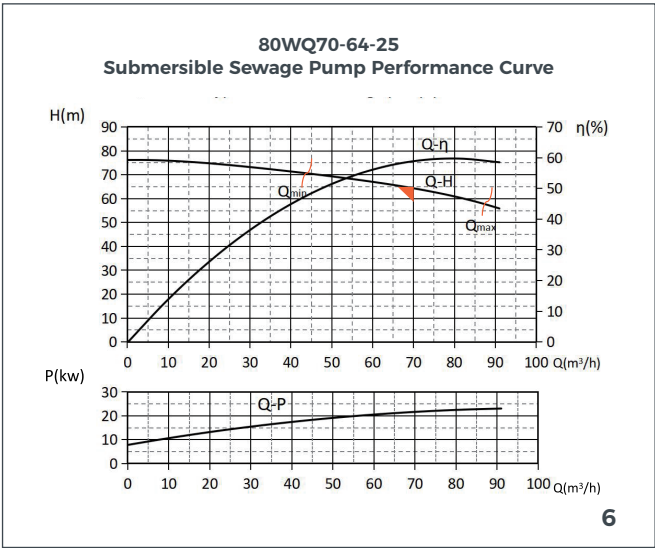
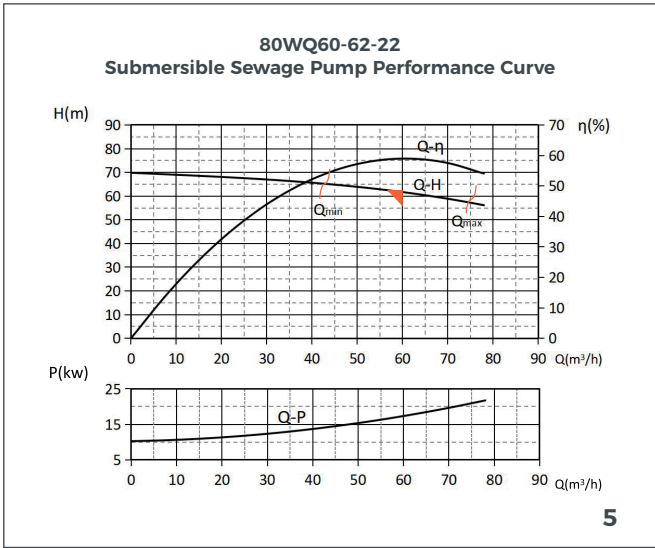
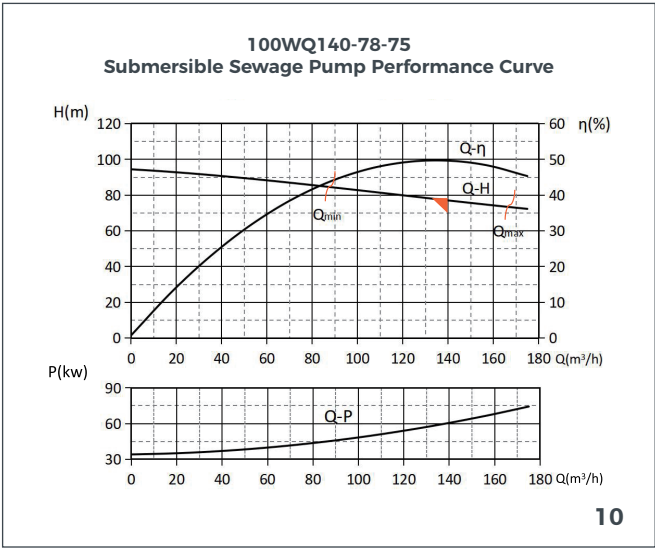
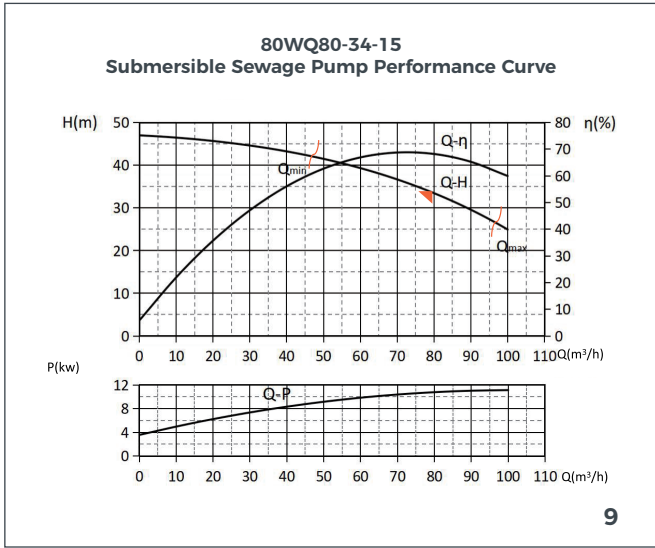
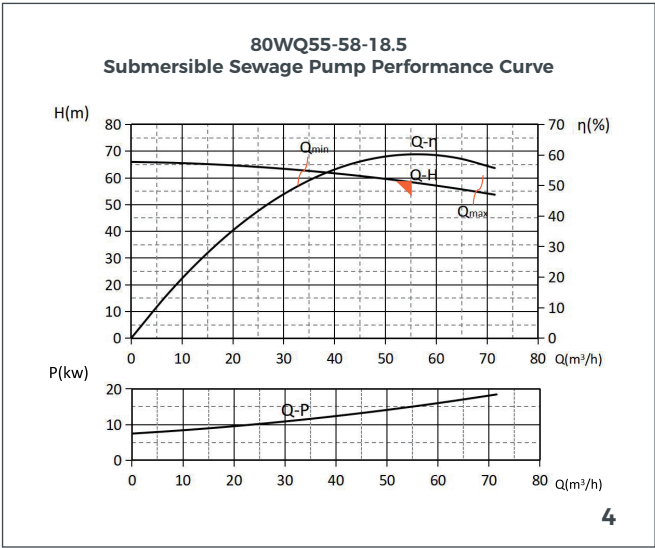
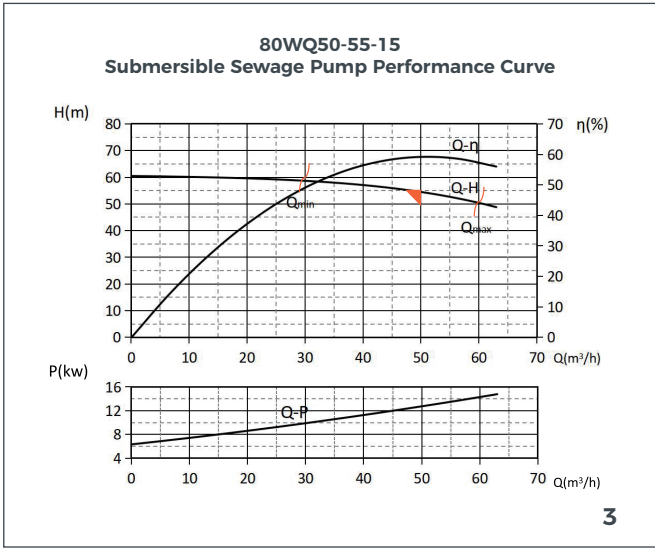
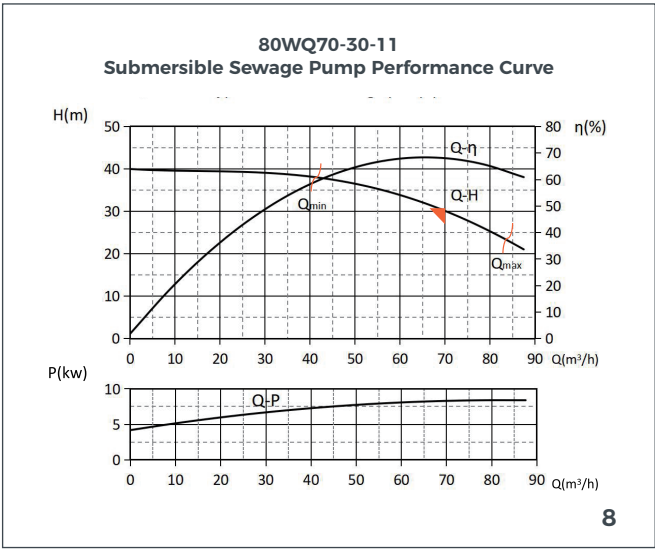
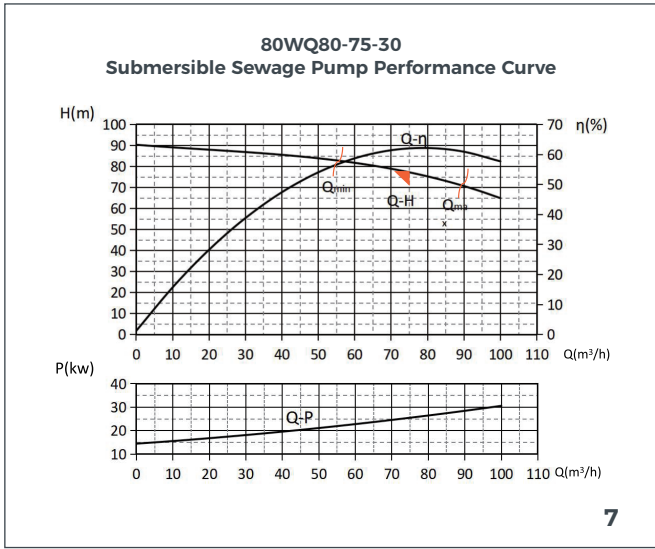
Electric Performance Parameters of Motor

No.	Pump Type	Power Type	Rated Voltage	Speed	Rated Current	cosΦ Power Dactor	Motor Eff.	Locked Rotor Torque /Rated Torque	Stator Outer Diameter
			V	r/min	A		%		mm
196	600WQ5500-48-900	YQWC990-900KW-8P	10000	740	66.8	0.82	94.8	0.7	990
197	600WQ4000-10-160	YQW590-160KW-8P	380	740	321.2	0.80	94.6	1.8	590
198	600WQ4500-11-200	YQW590-250KW-8P	380	740	415.9	0.77	94.9	1.8	590
199	600WQ5000-12-250	YQW670-250KW-8P	380	740	506.7	0.79	94.9	1.8	670
200	600WQ5500-13-280	YQW670-280KW-8P	380	740	560.4	0.80	94.9	1.8	670
201	600WQ6000-14-315	YQW670-315KW-8P	380	740	630.4	0.80	94.9	1.8	670
202	700WQ6000-30-630	YQWC990-630KW-10P	10000	590	49.8	0.78	93.7	0.7	850
203	700WQ6500-31-710	YQWC990-710KW-10P	10000	590	56.0	0.78	93.9	0.7	990
204	700WQ7000-32-800	YQWC990-800KW-10P	10000	590	62.2	0.79	94.0	0.7	990
205	700WQ6000-20-450	YQWG850-450KW-8P	10000	740	35.7	0.78	93.4	0.7	850
206	700WQ6500-21-500	YQWG850-500KW-8P	10000	740	39.0	0.79	93.8	0.7	850
207	700WQ7000-23-560	YQWG850-560KW-8P	10000	740	43.6	0.79	93.9	0.7	850
208	700WQ7500-25-630	YQWG850-630KW-8P	10000	740	47.0	0.82	94.4	0.7	850
209	700WQ6500-10-250	YQW670-250KW-10P	380	590	500.9	0.80	94.8	1.4	670
210	700WQ7000-11-280	YQW670-280KW-10P	380	590	560.4	0.80	94.9	1.4	670
211	800WQ7500-11.5-315	YQW670-315KW-10P	380	590	629.7	0.80	95.0	1.4	670
212	800WQ8000-12-400	YQWG850-400KW-10P	10000	590	33.1	0.75	93.0	0.7	850
213	800WQ8500-13-450	YQWG850-450KW-10P	10000	590	36.2	0.77	93.2	0.7	850
214	900WQ9000-13-500	YQWG850-500KW-10P	10000	590	40.1	0.77	93.4	0.7	850
215	900WQ10000-14-560	YQWG850-560KW-10P	10000	590	44.3	0.78	93.5	0.7	850
216	1000WQ11000-15-630	YQWG850-630KW-10P	10000	590	49.8	0.78	93.7	0.7	850

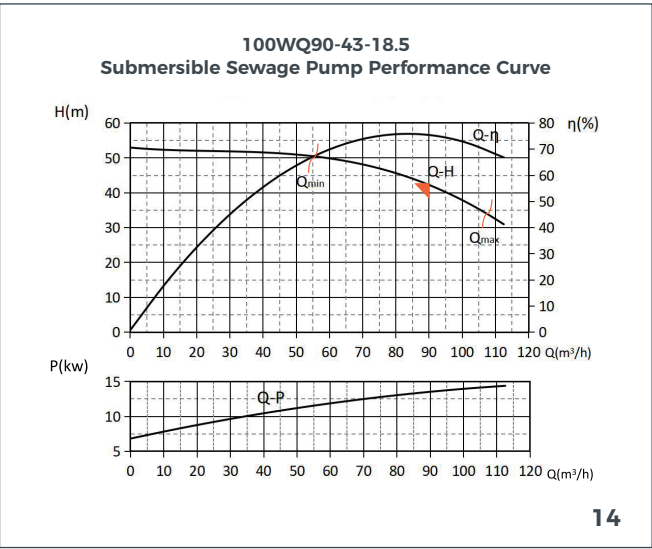
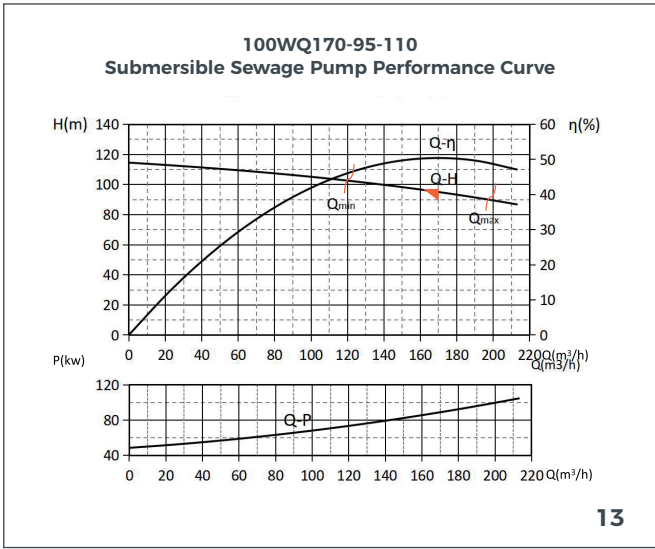
Performance Curve



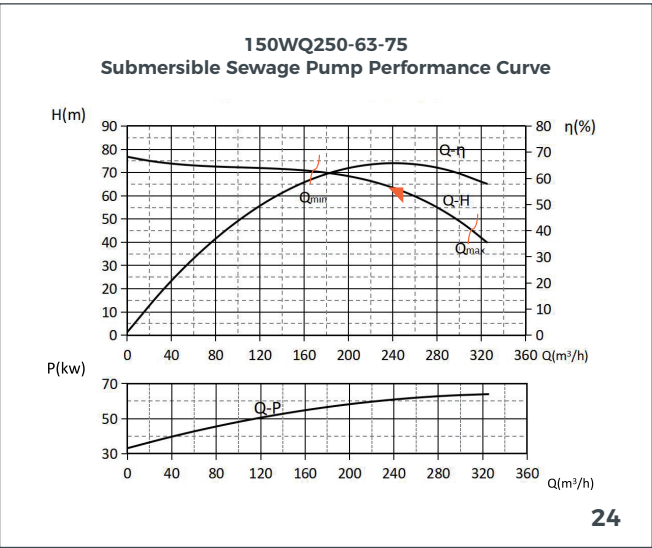
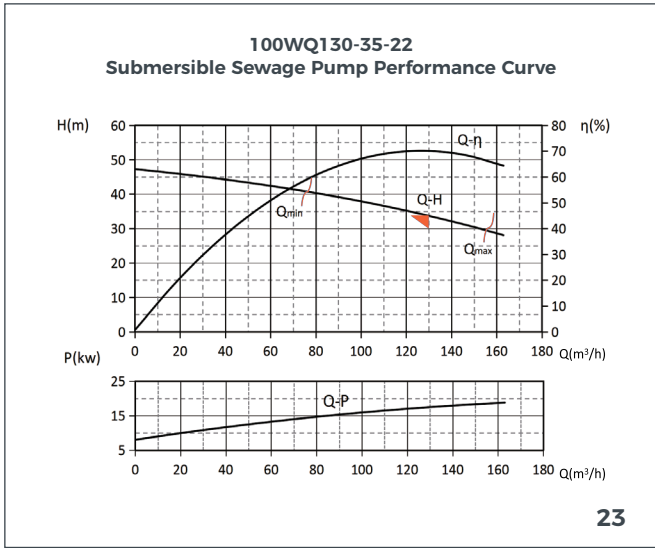
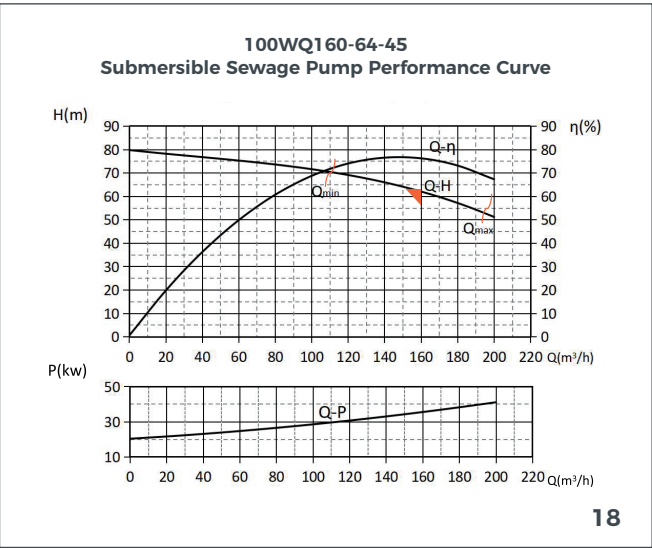
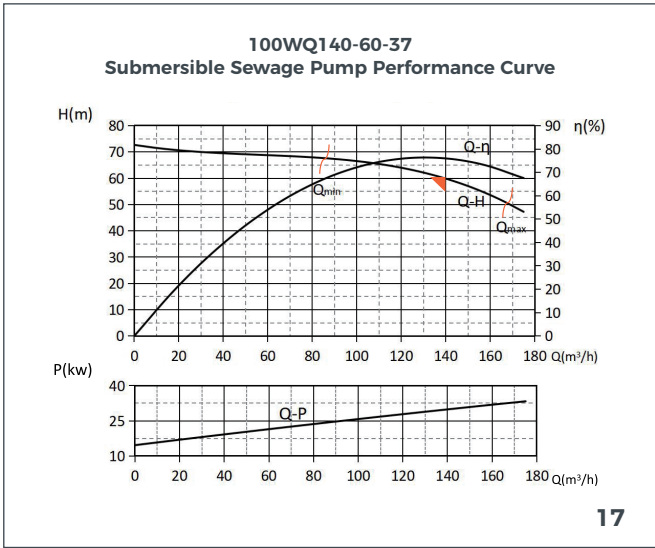
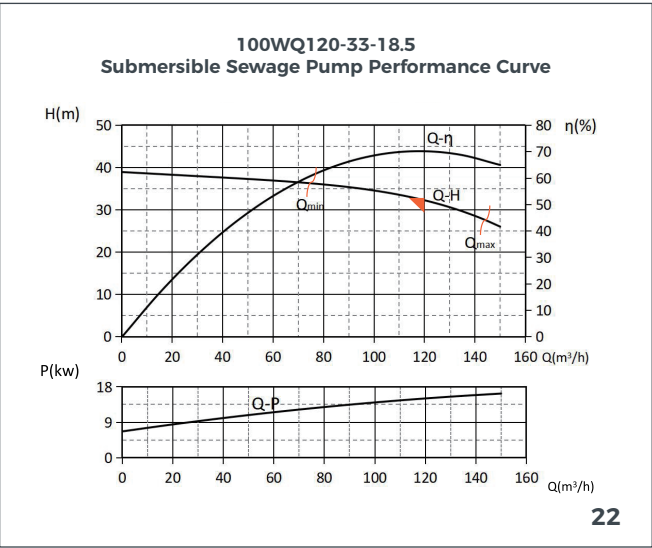
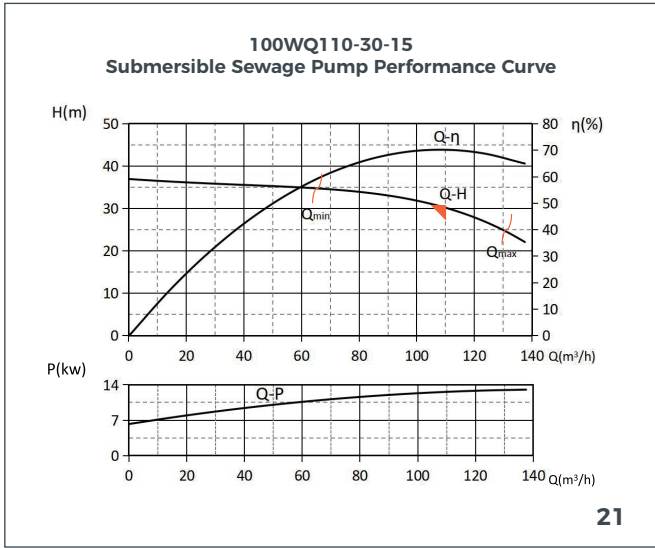
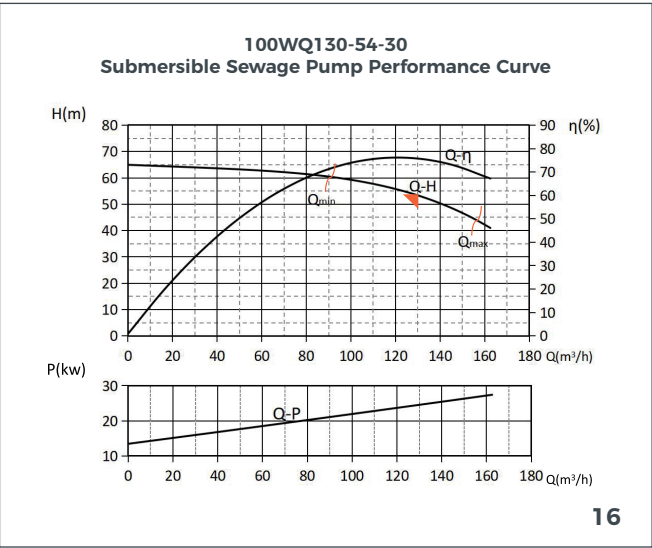
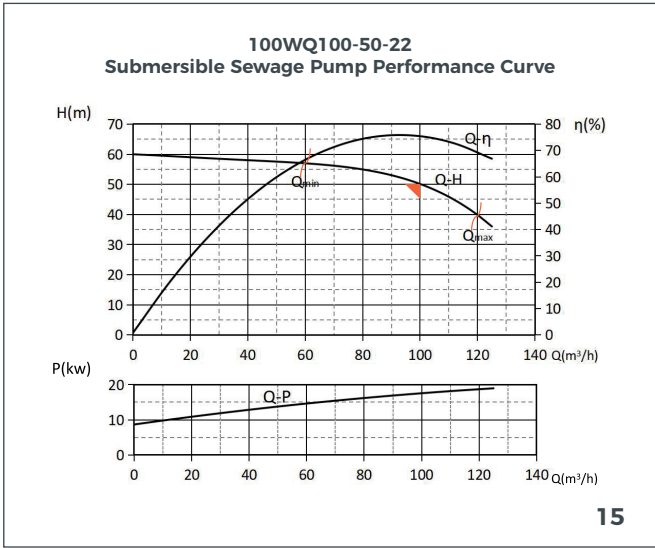
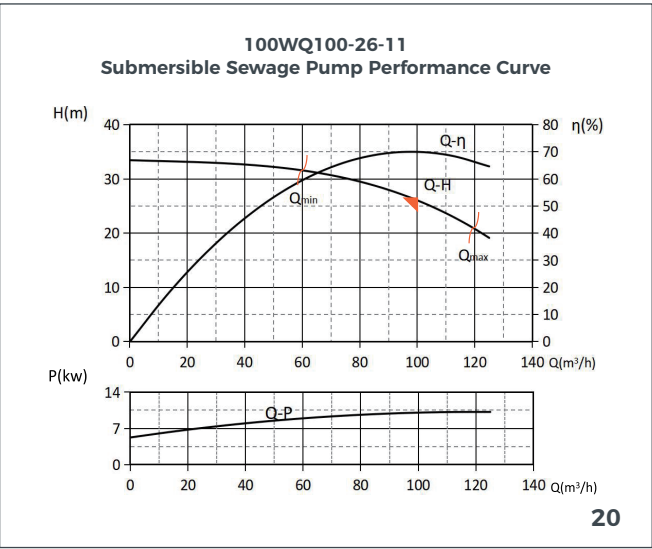
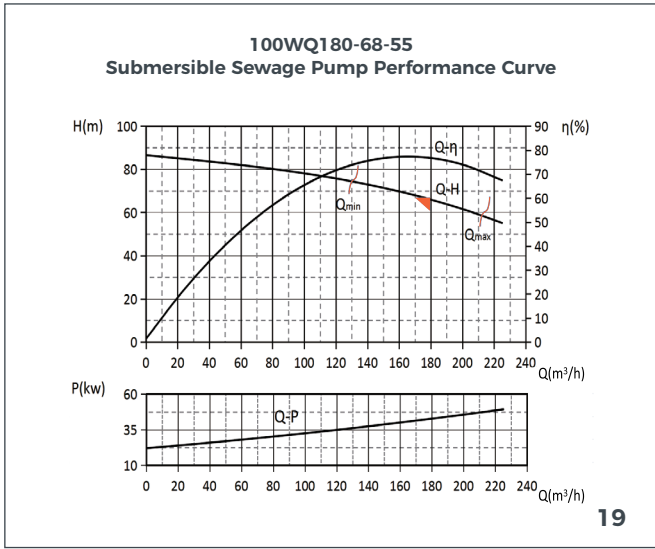
Performance Curve



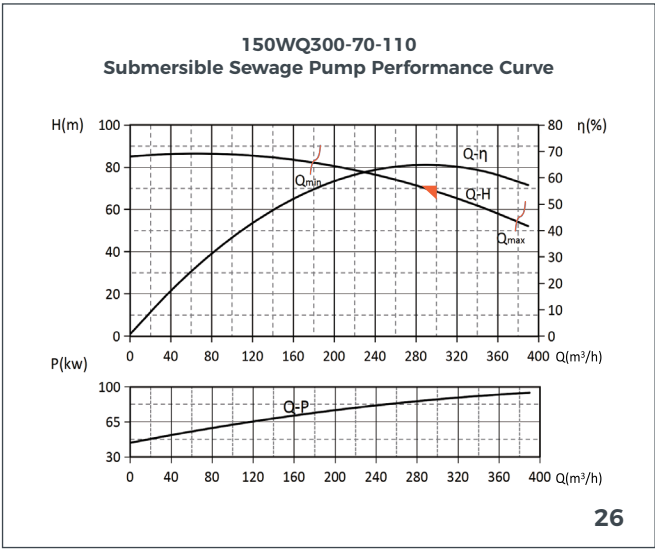
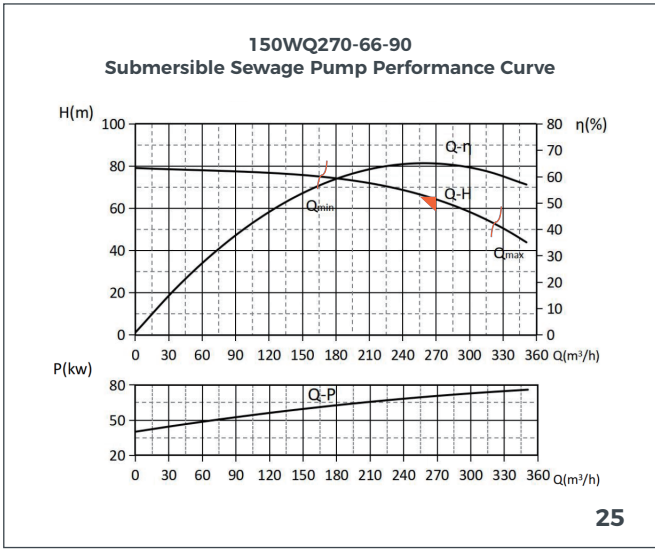
Performance Curve



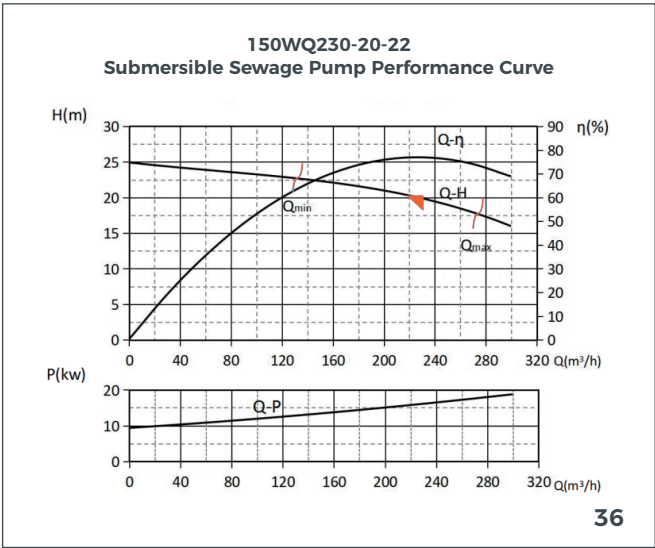
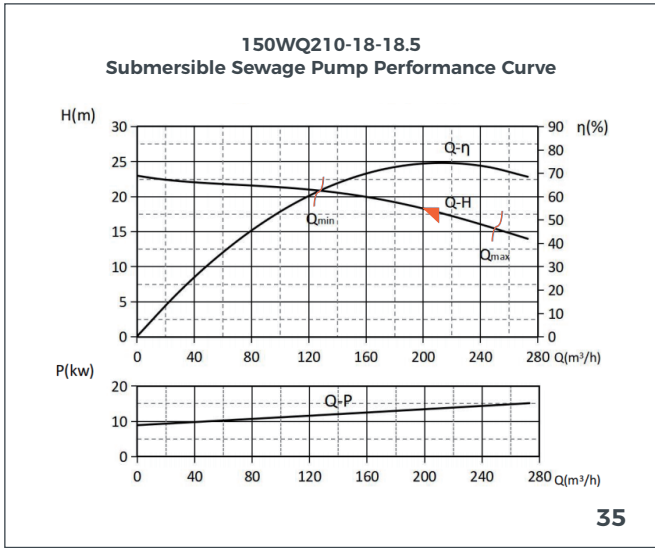
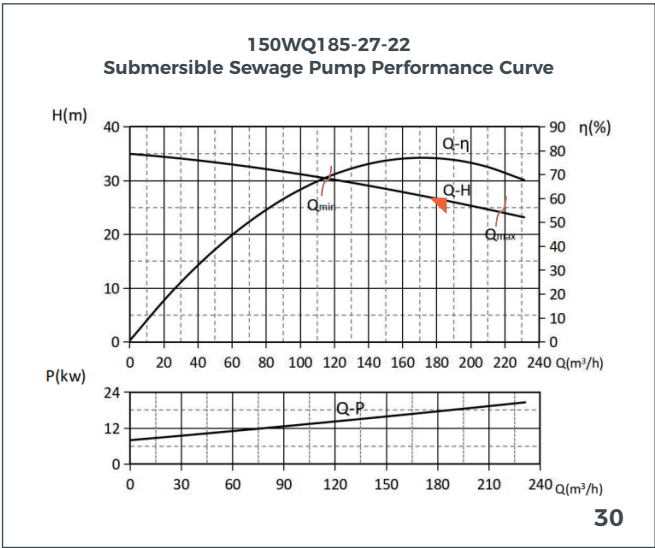
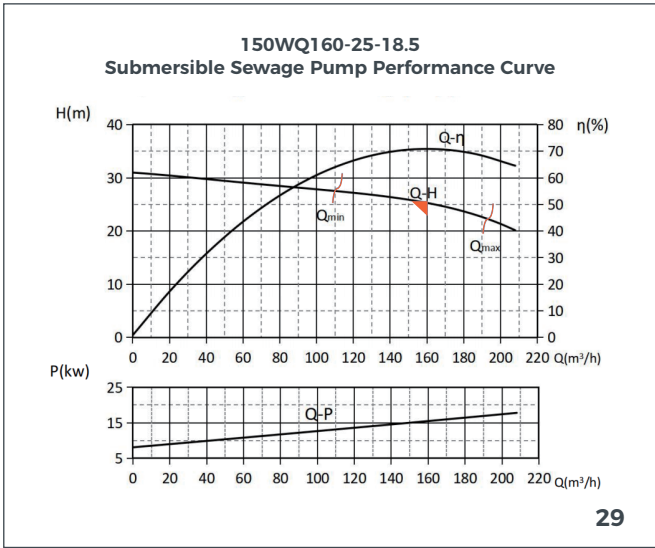
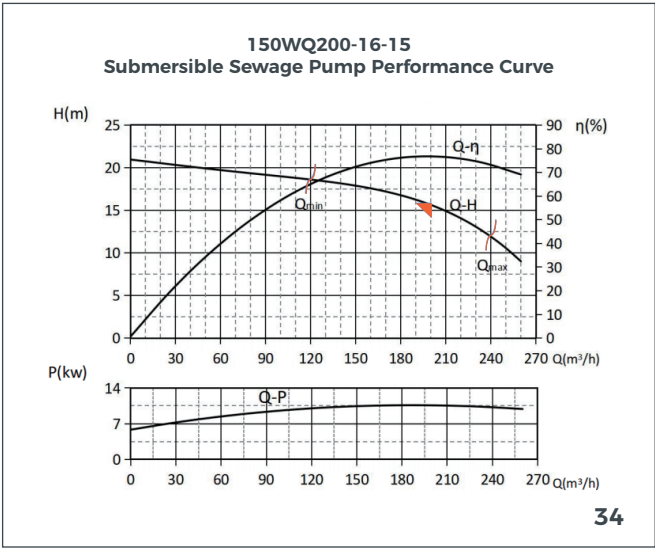
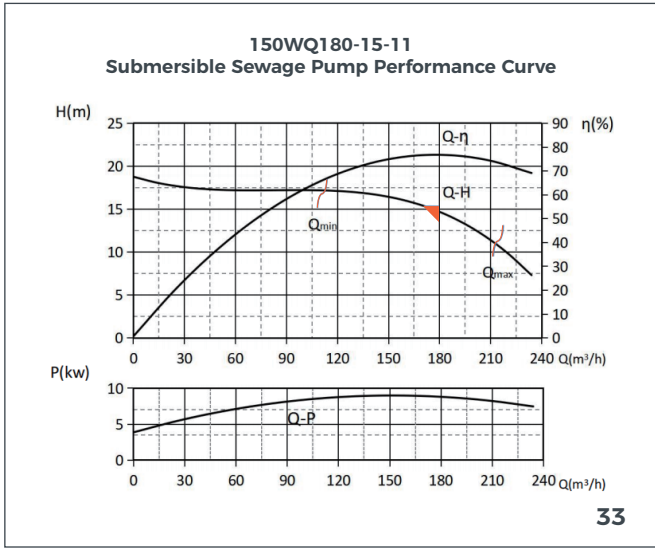
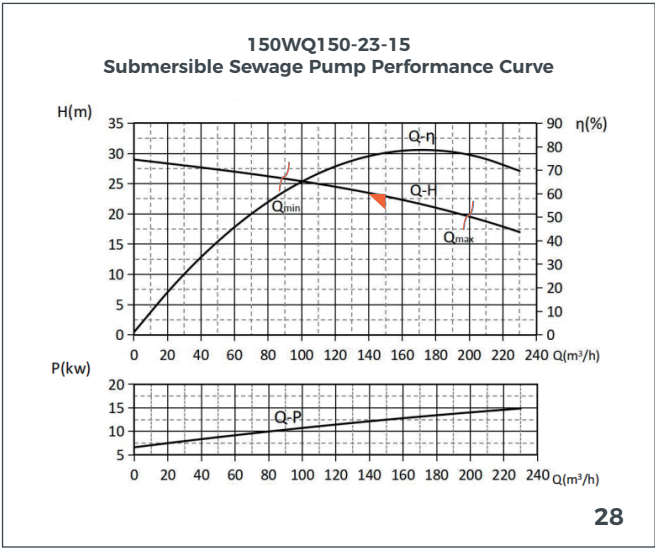
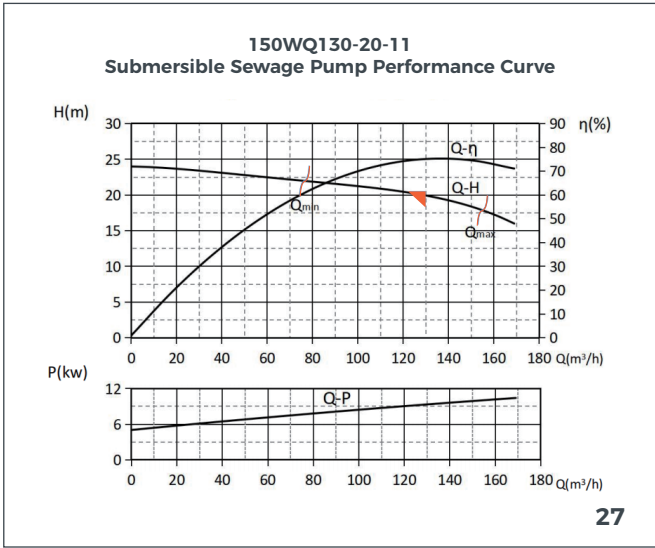
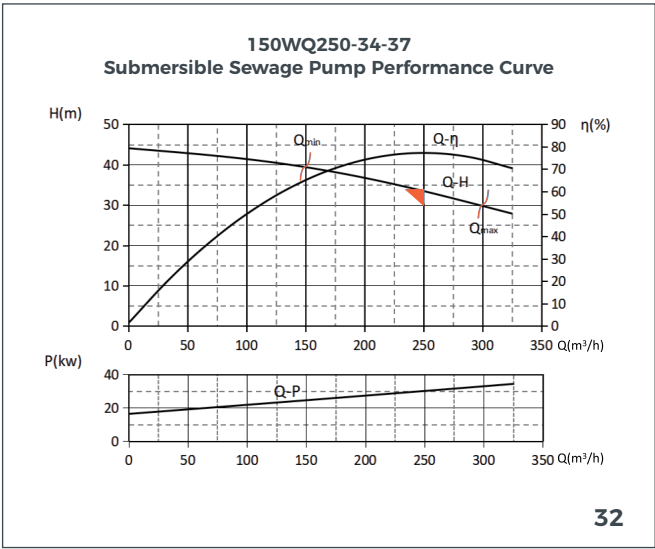
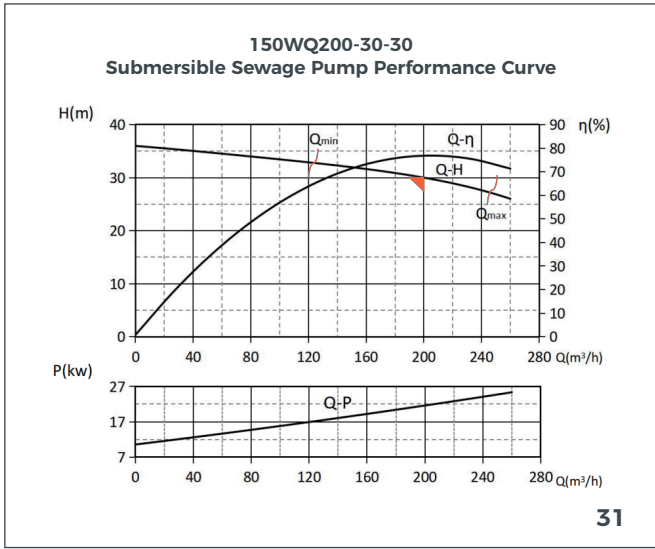
Performance Curve



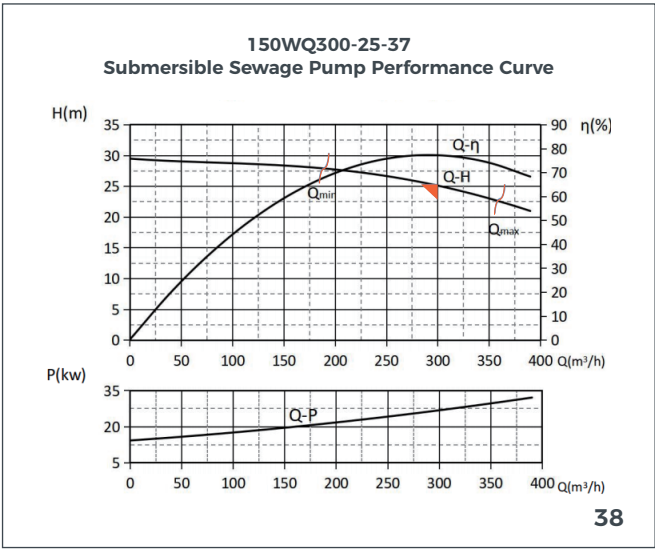
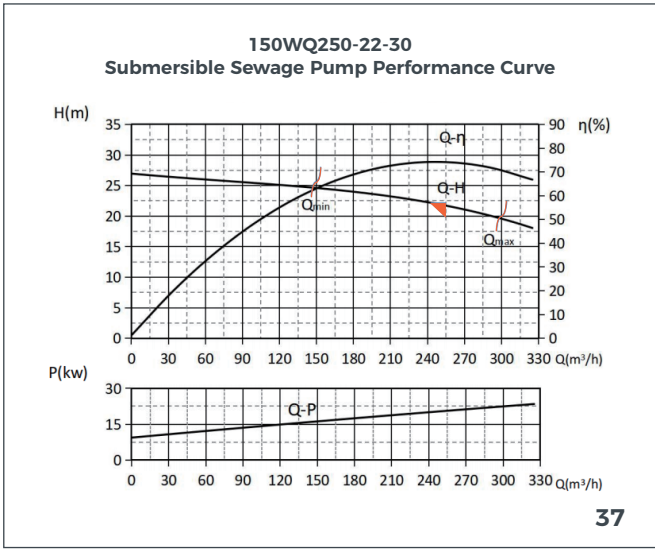
Performance Curve



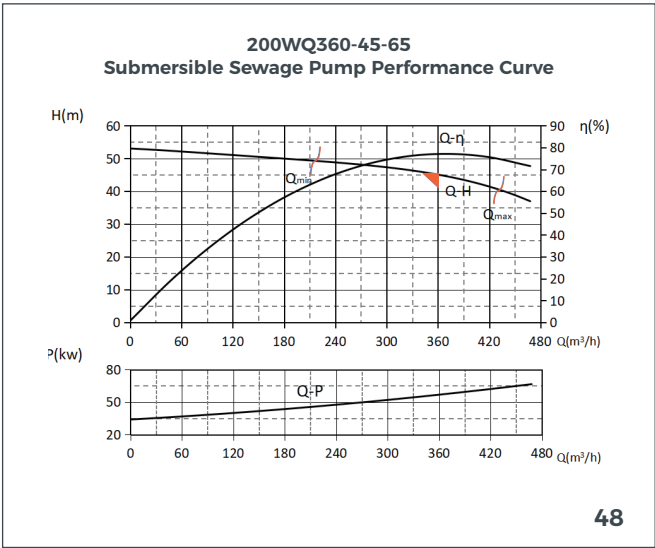
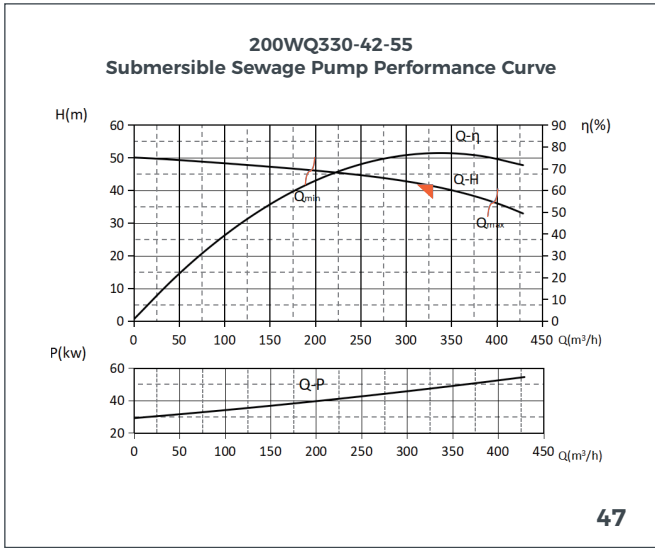
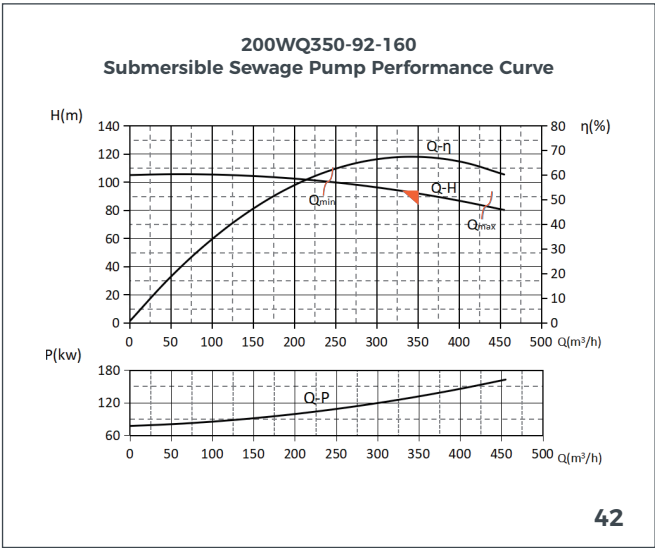
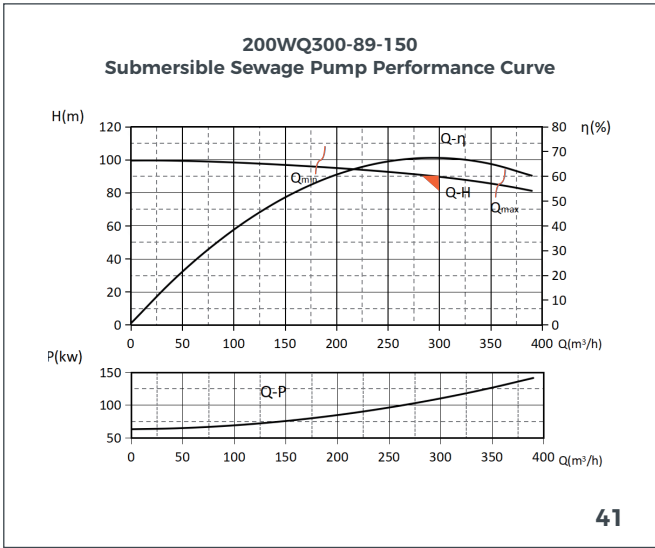
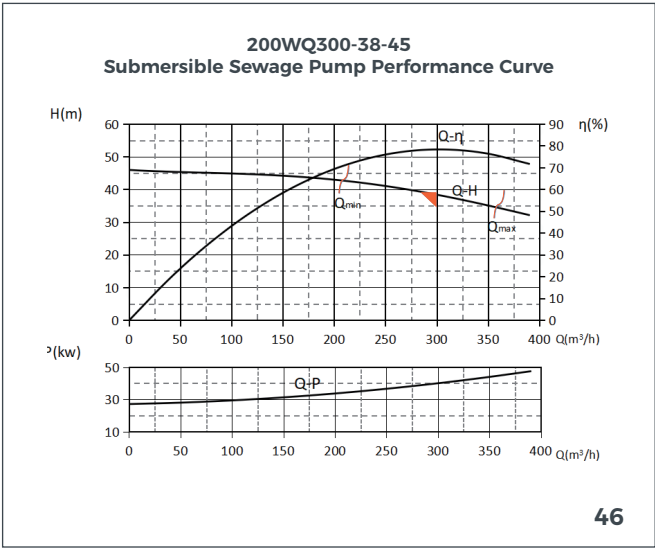
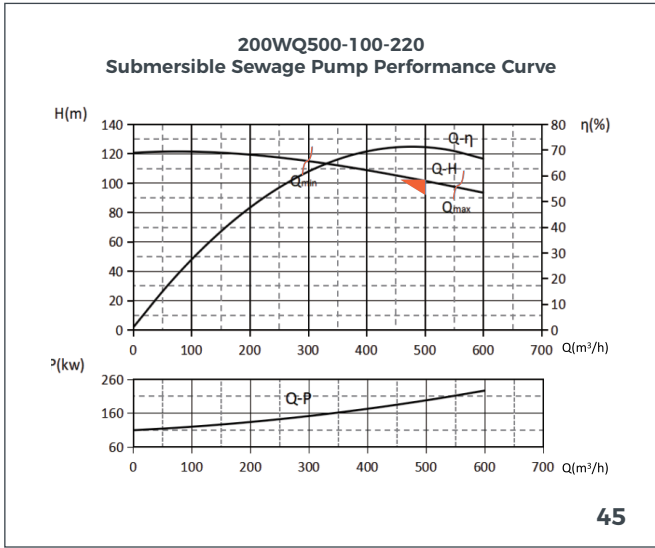
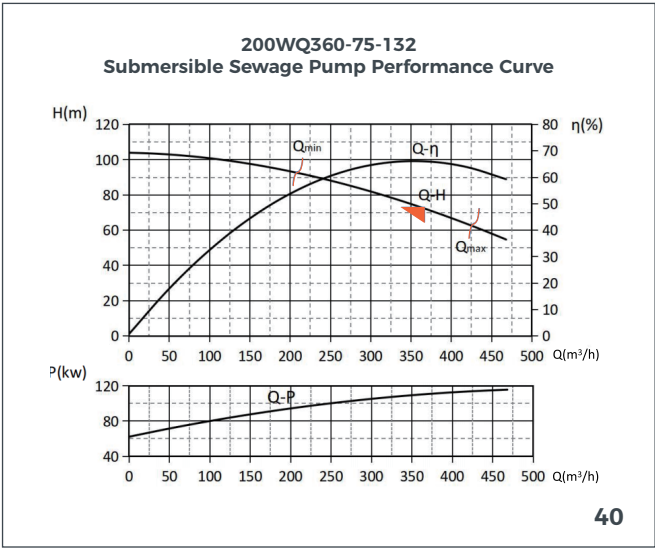
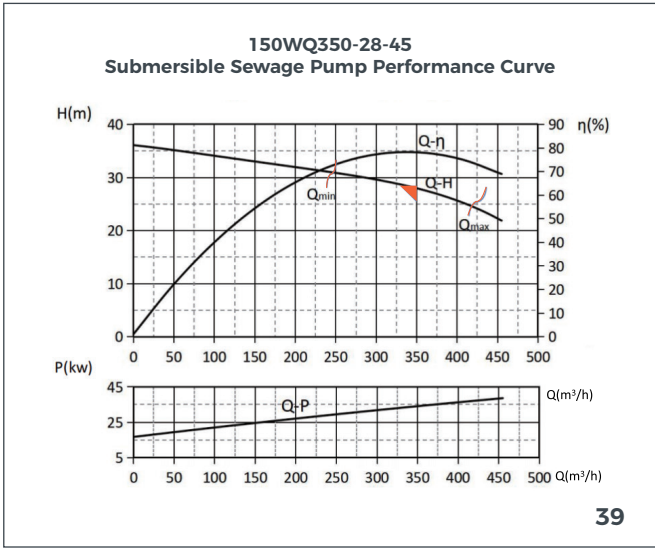
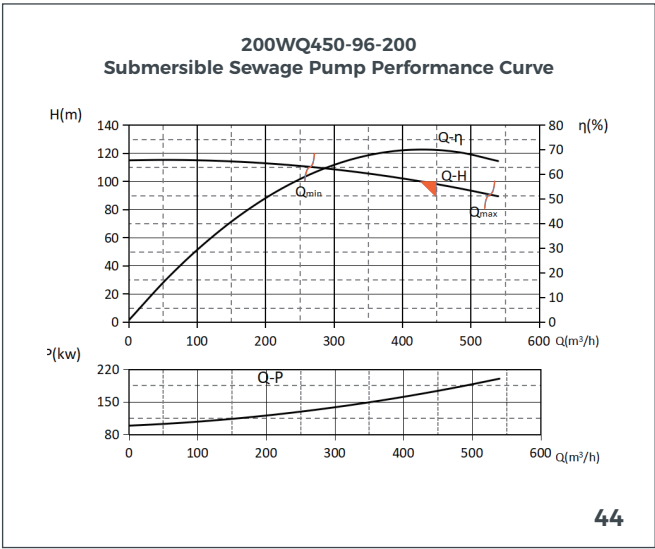
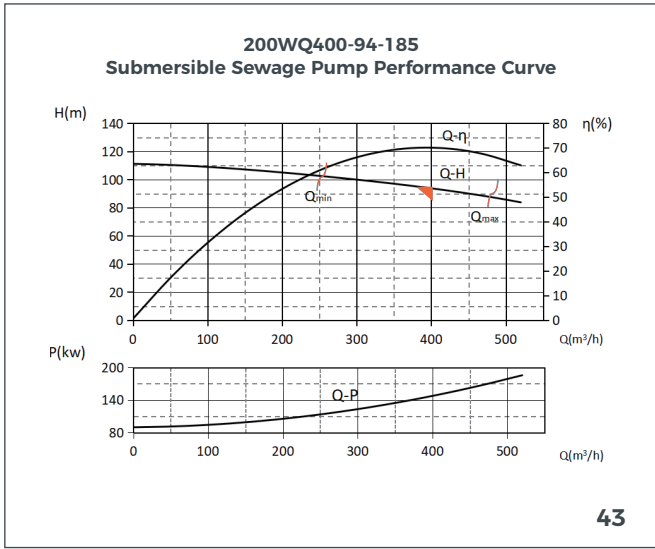
Performance Curve



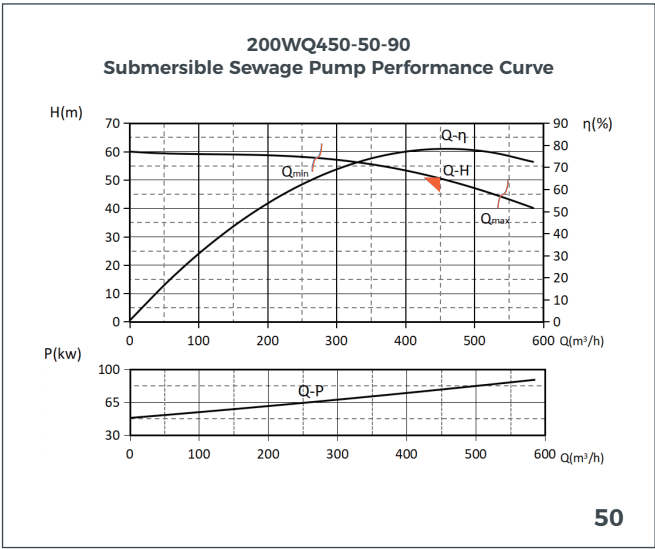
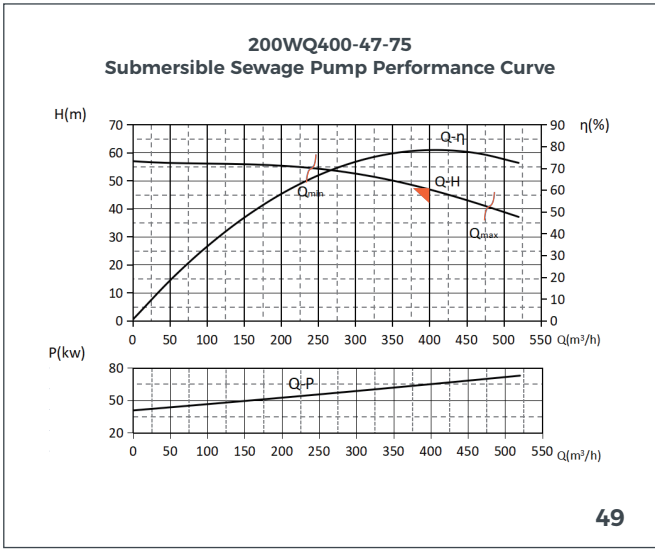
Performance Curve



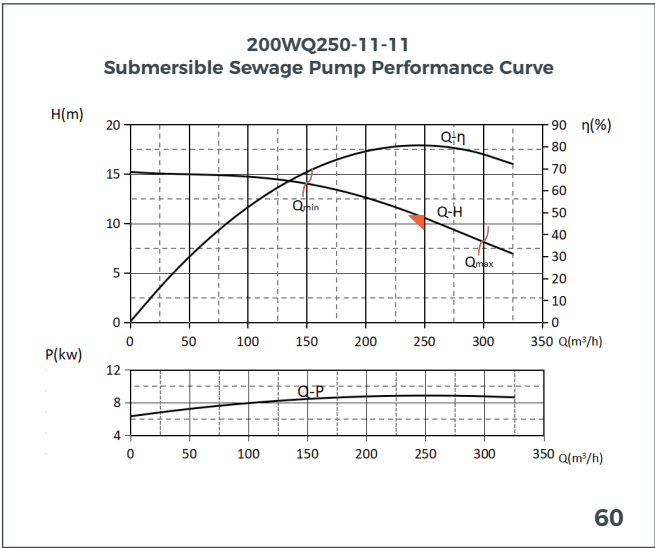
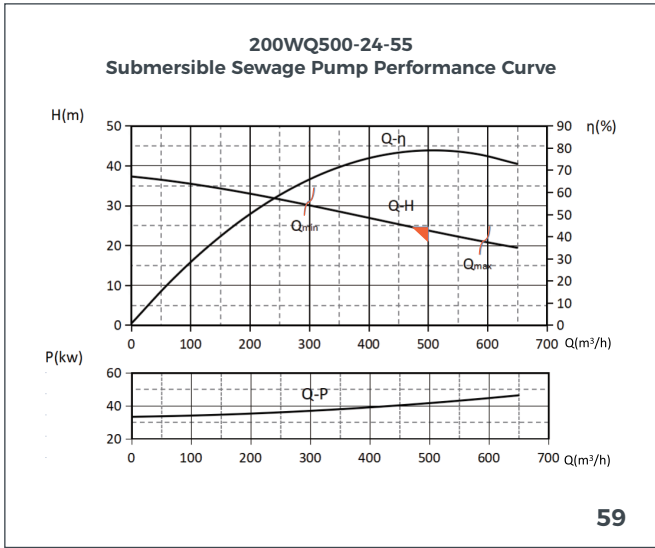
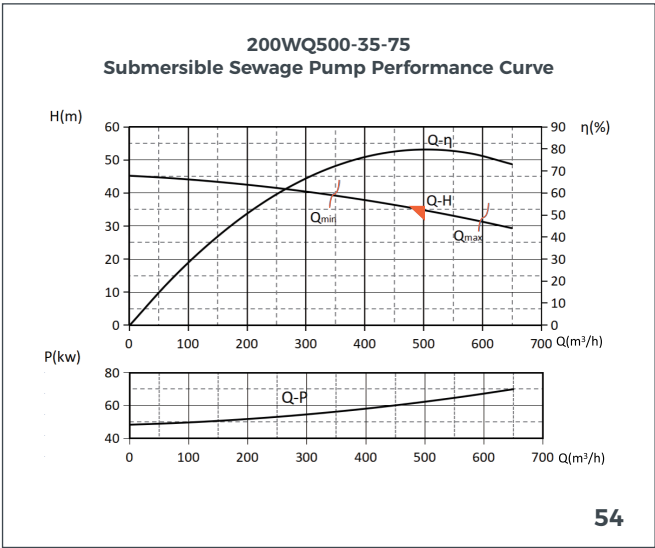
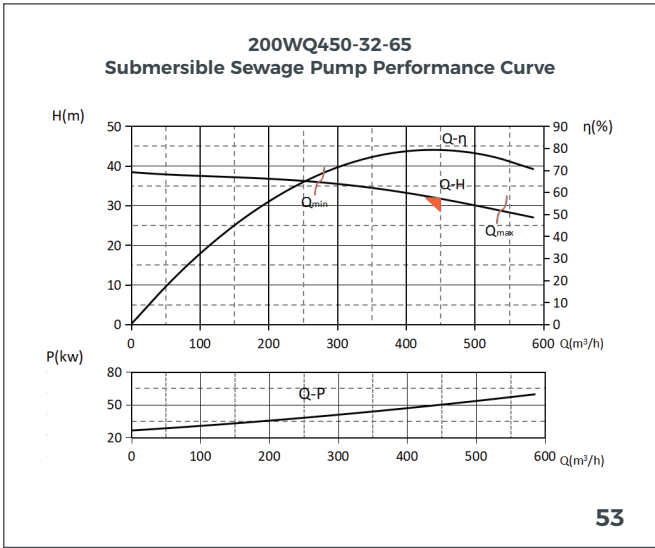
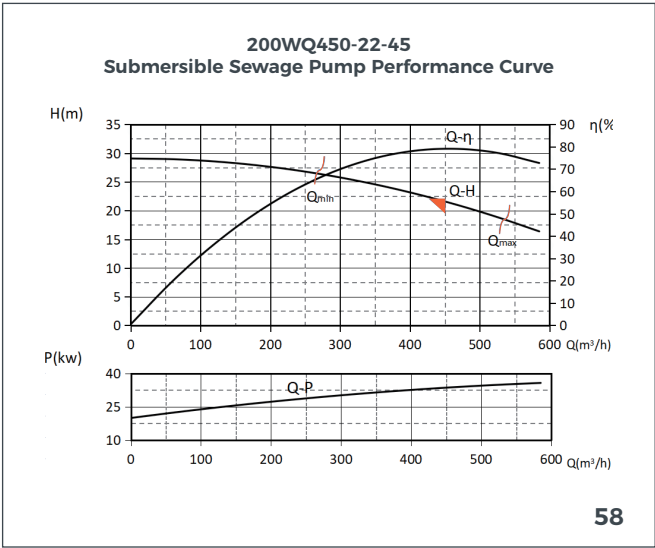
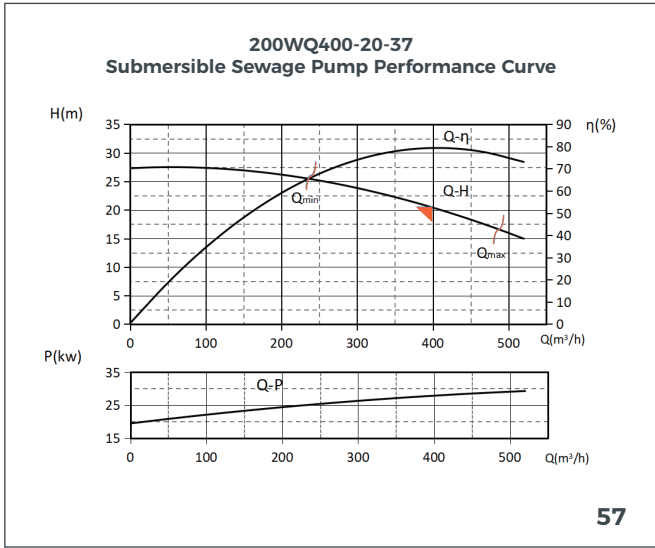
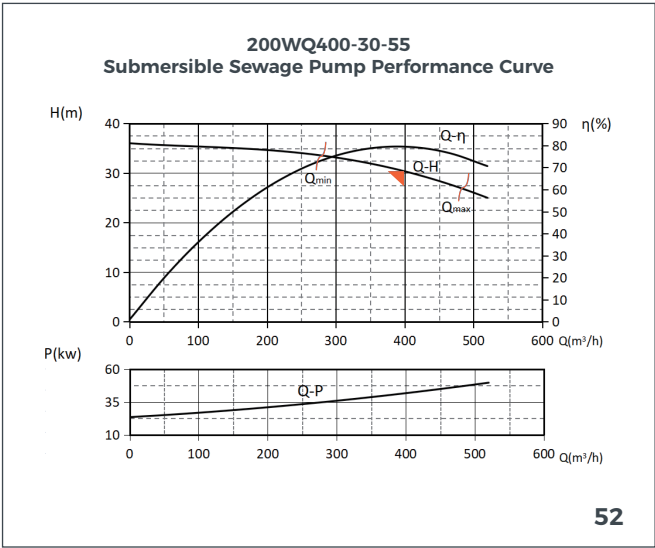
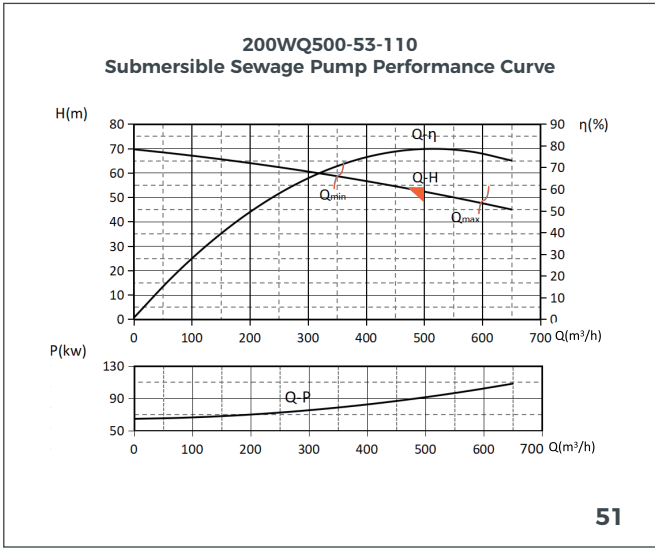
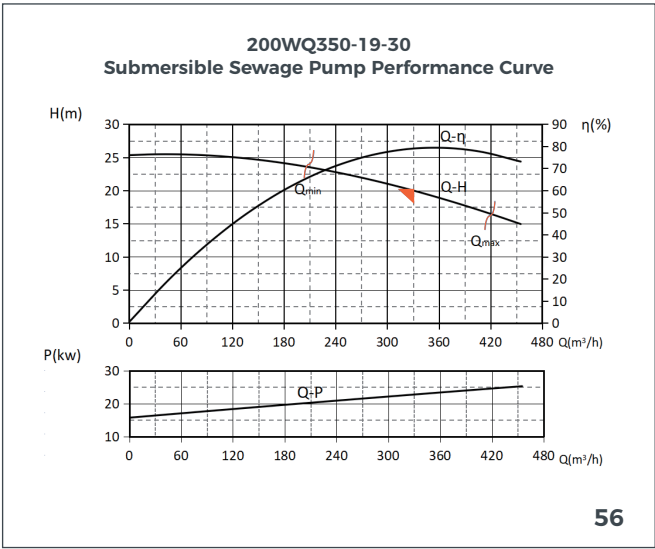
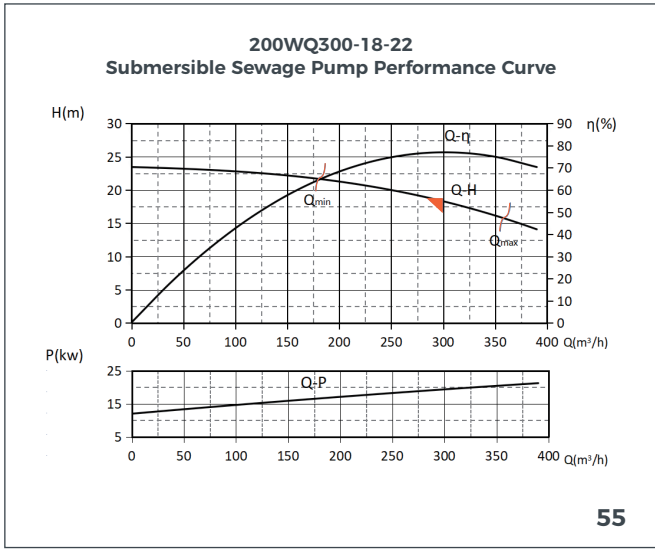
Performance Curve



Performance Curve



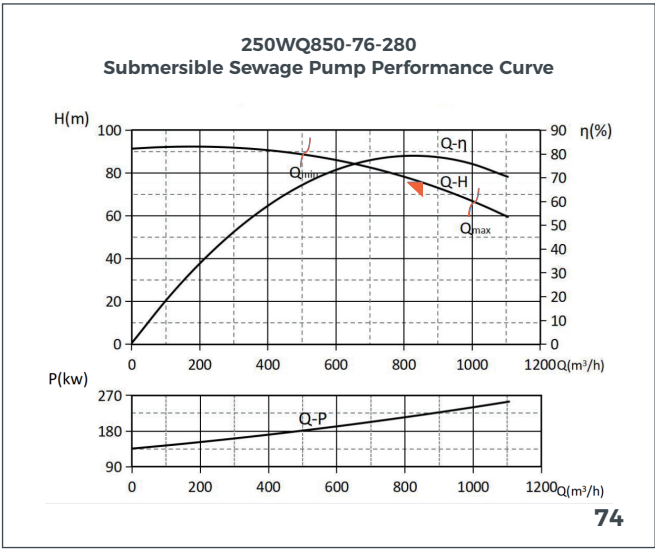
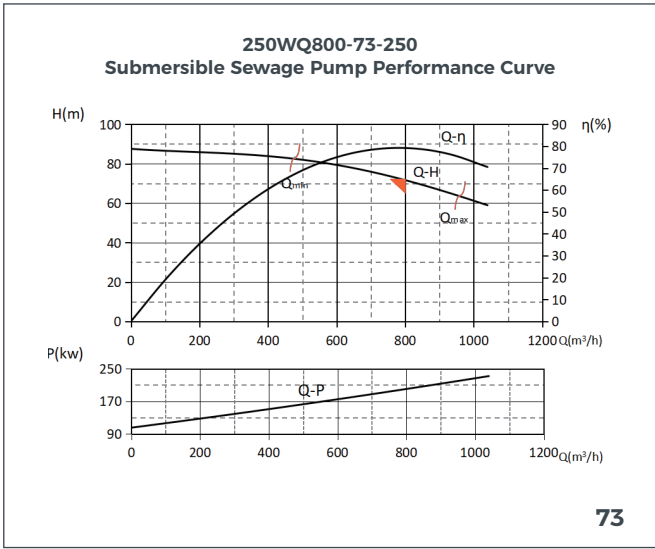
Performance Curve



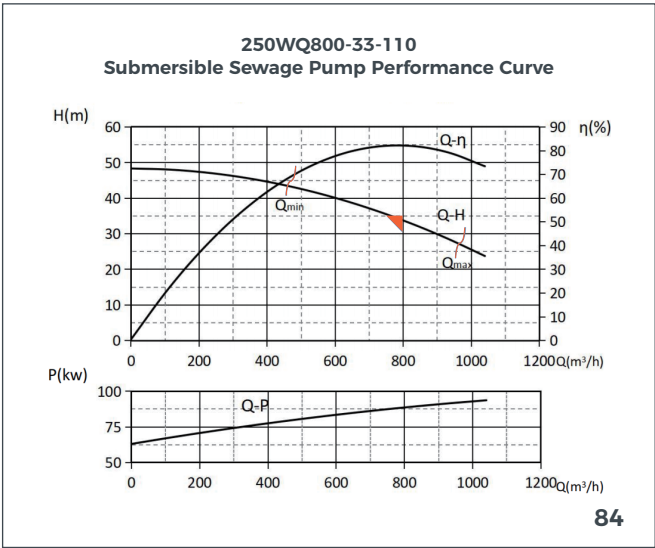
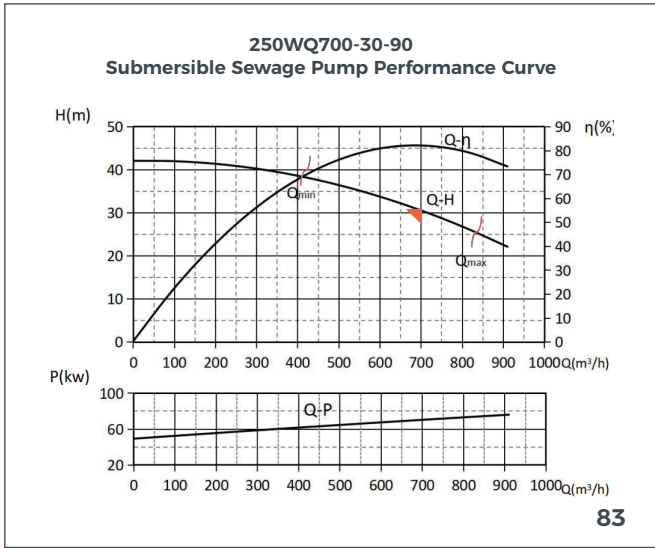
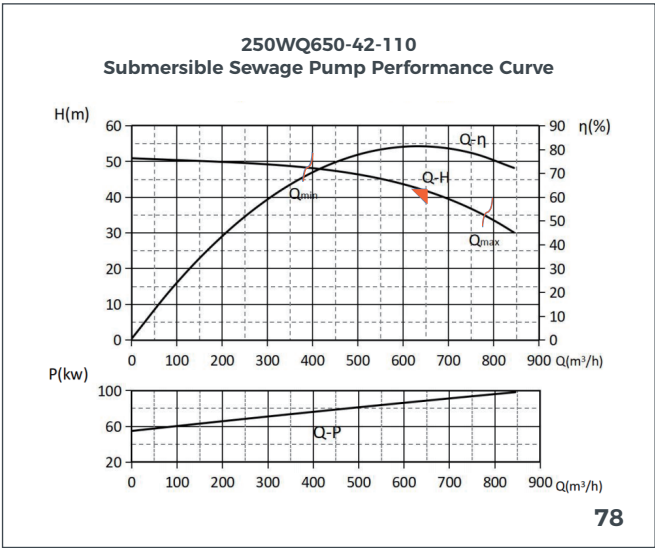
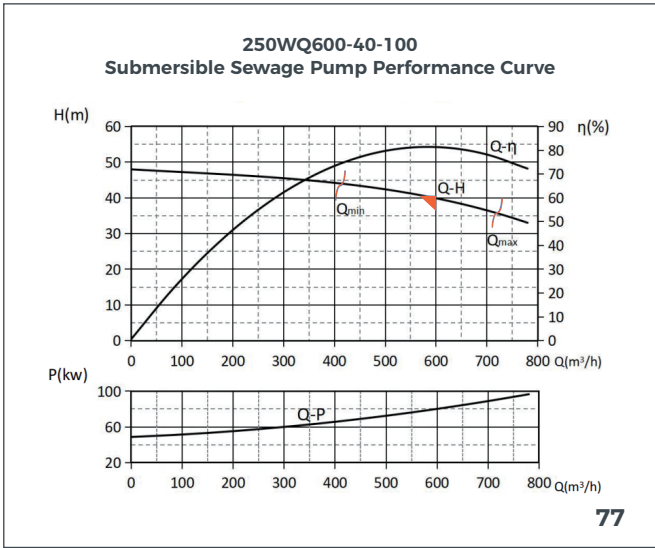
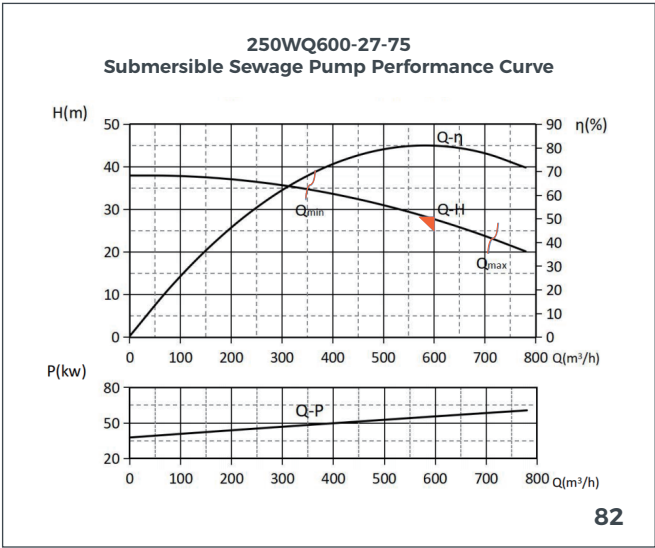
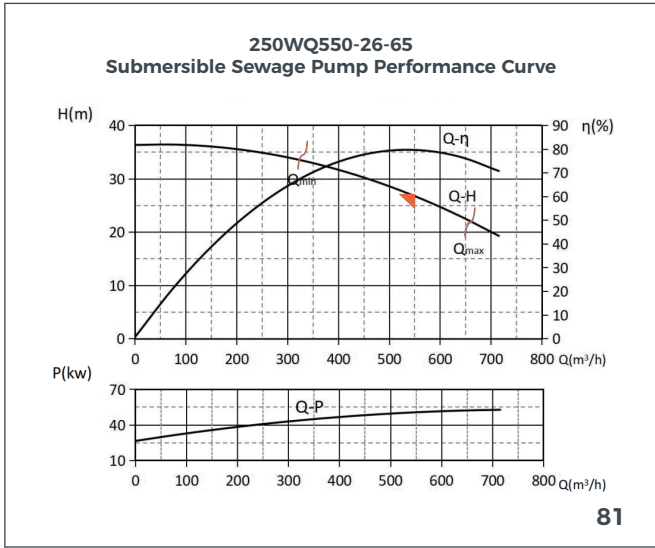
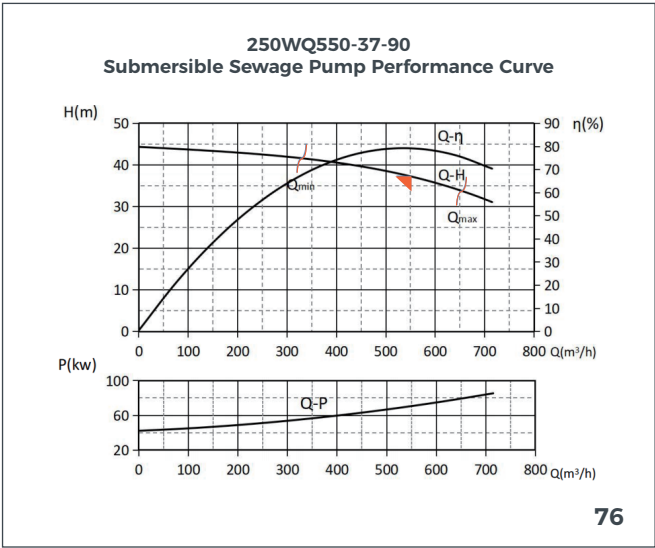
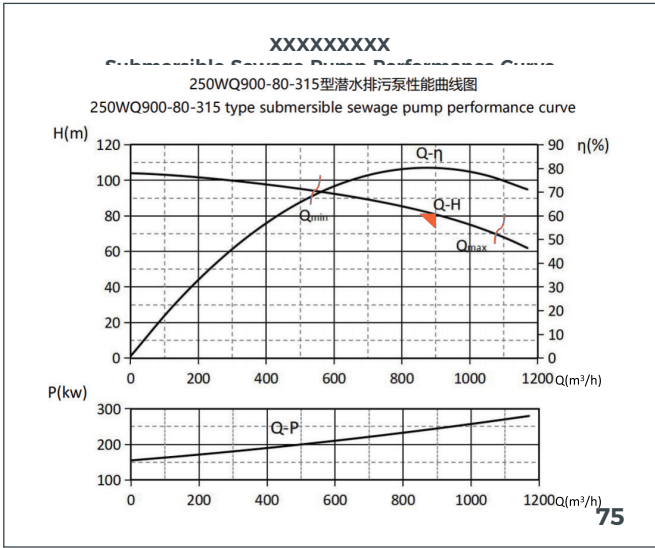
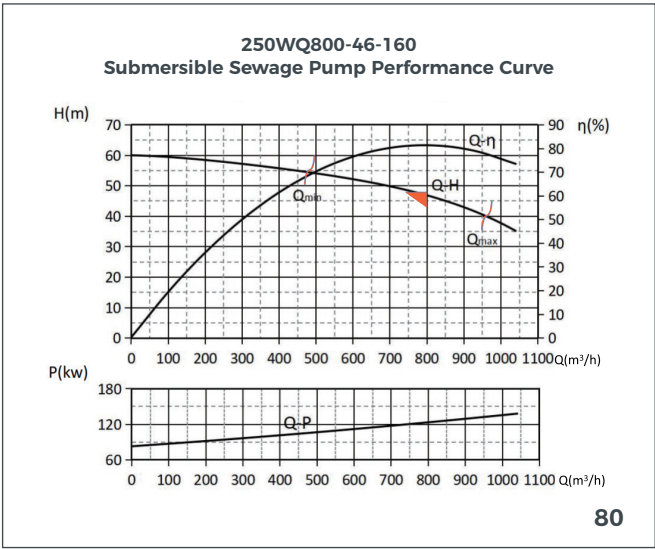
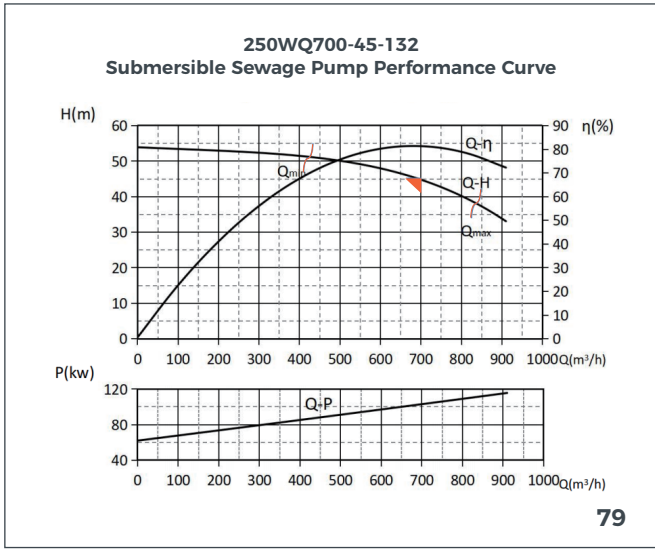
Performance Curve



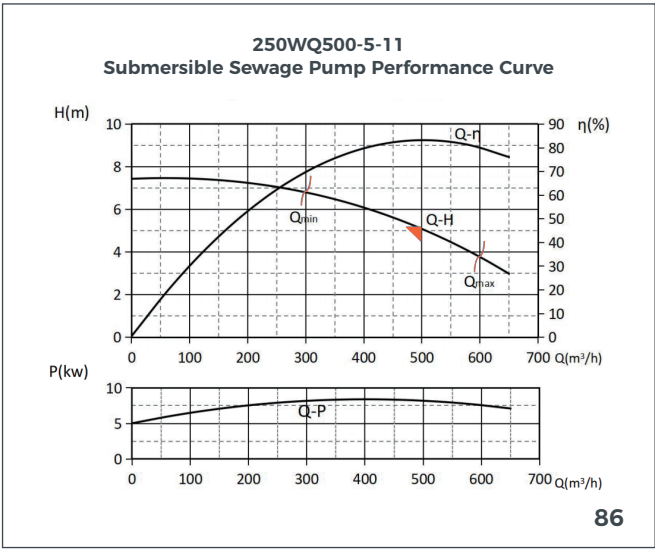
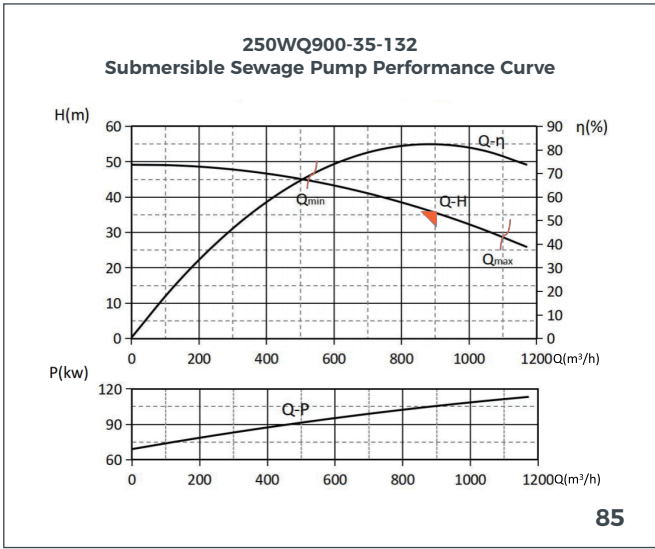
Performance Curve



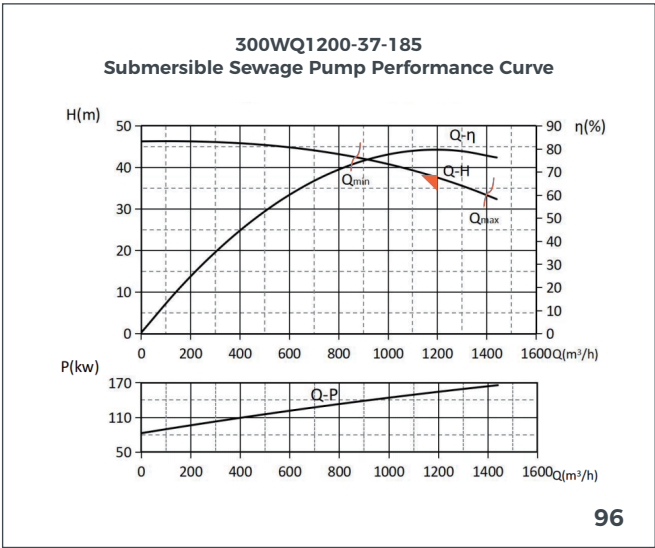
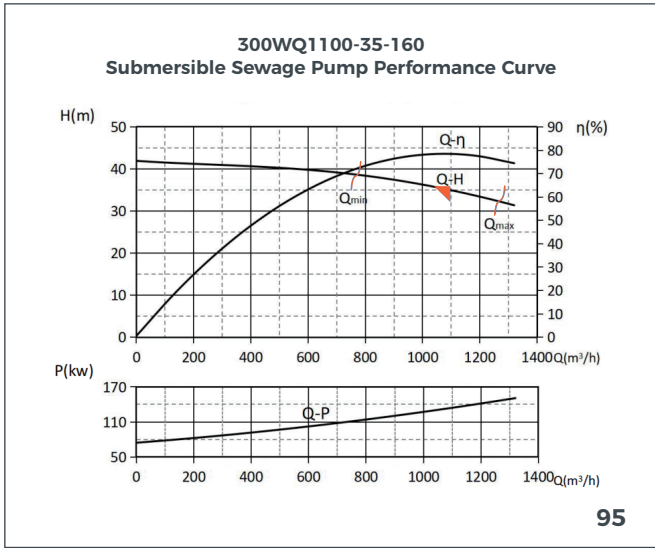
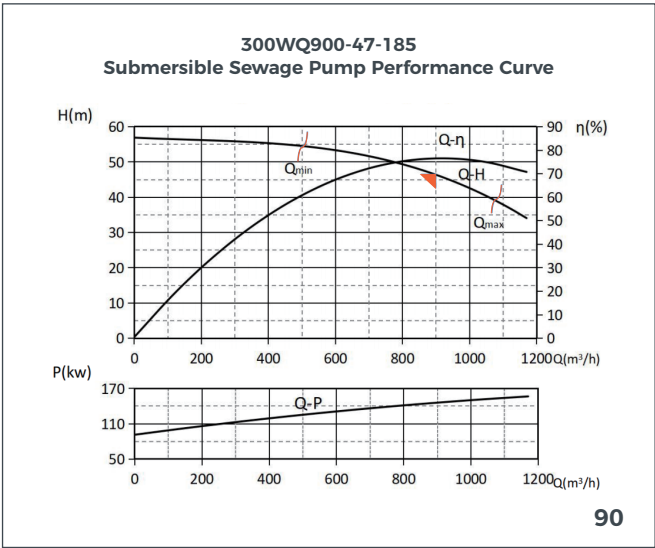
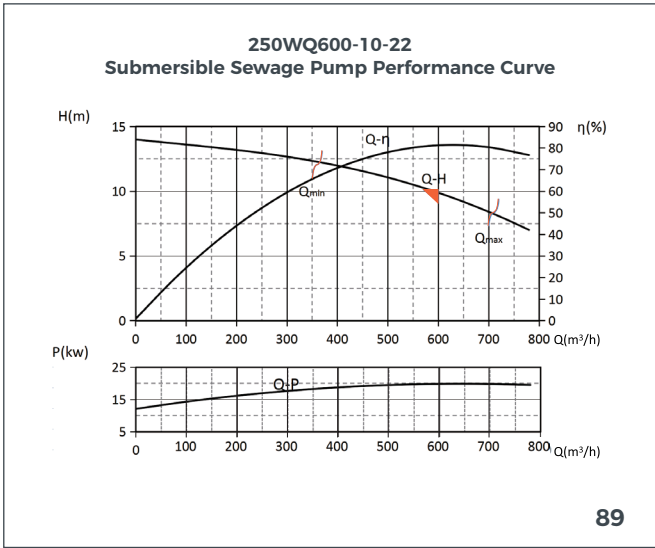
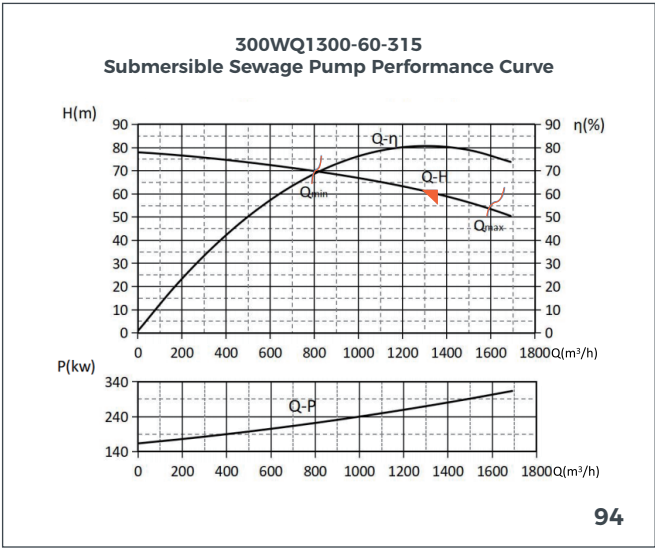
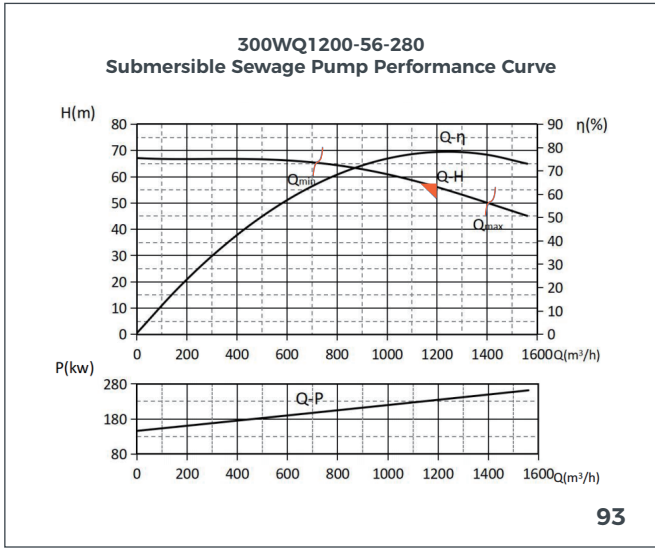
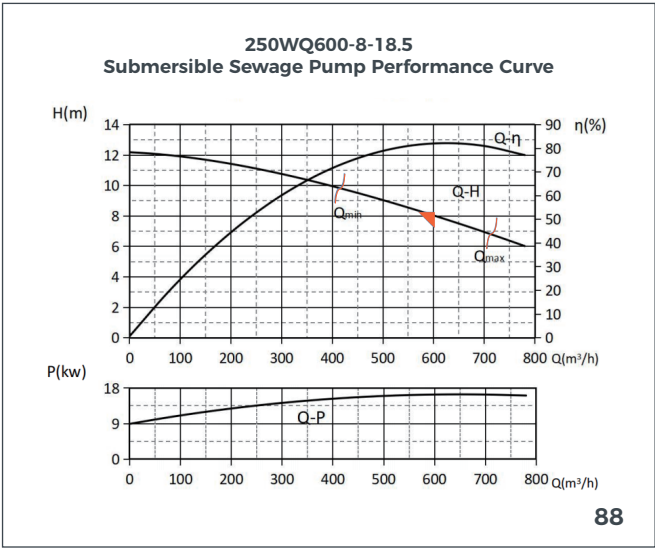
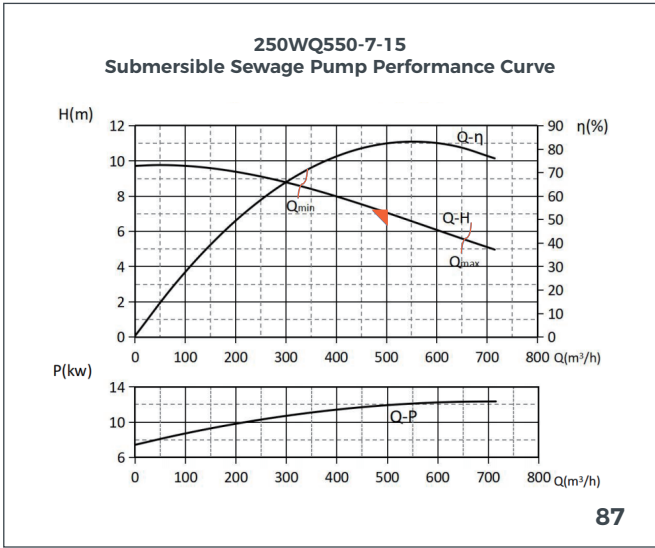
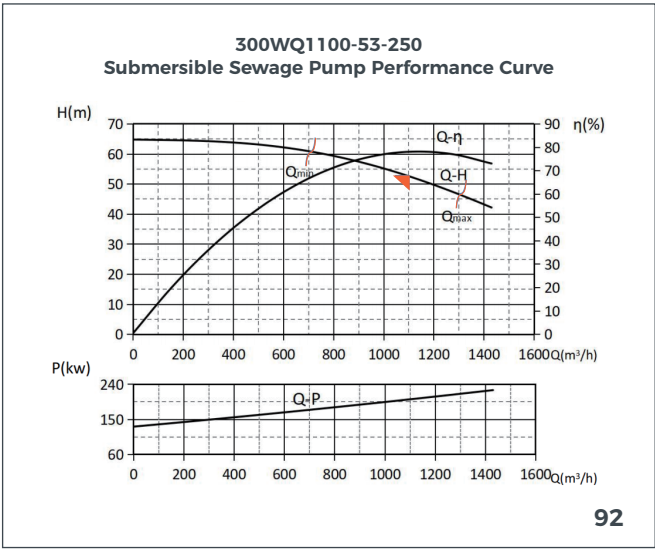
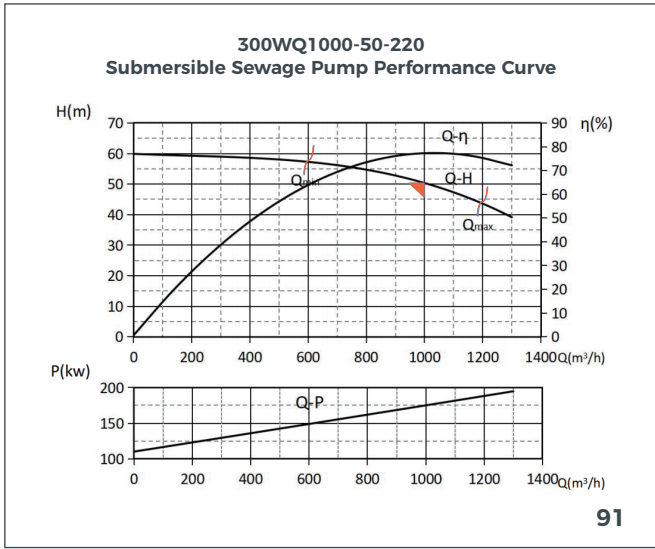
Performance Curve



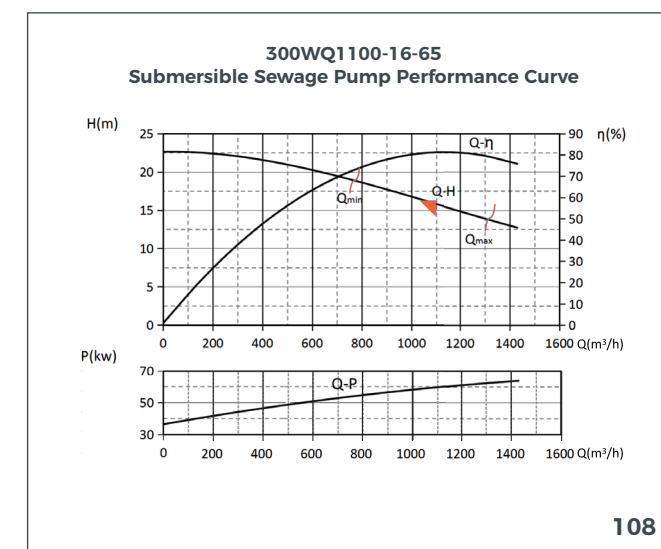
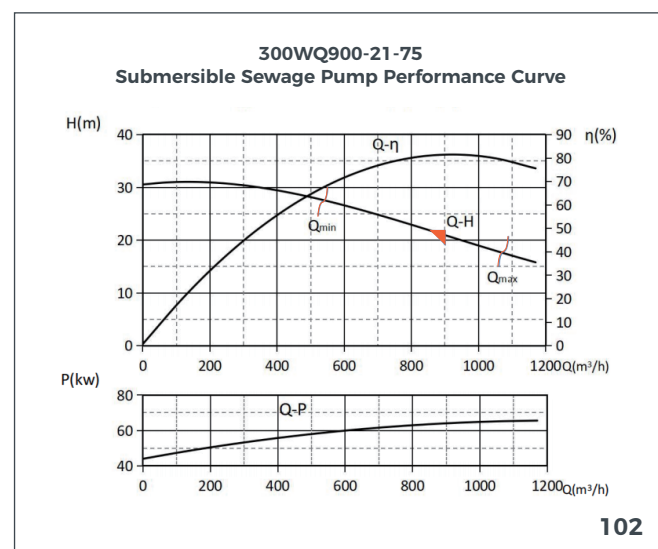
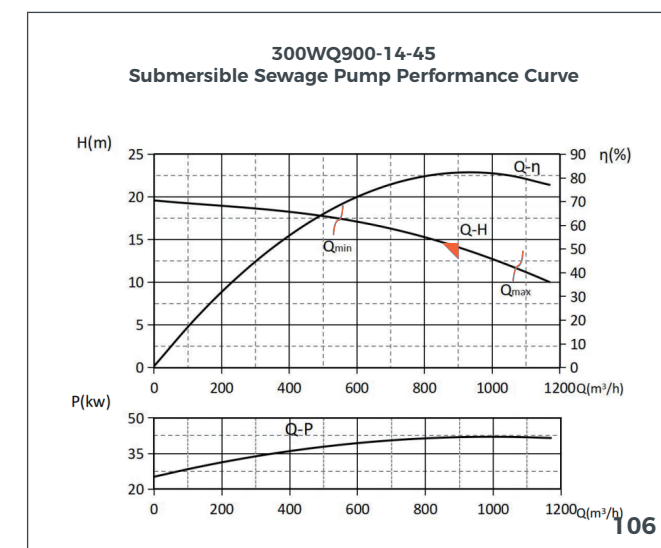
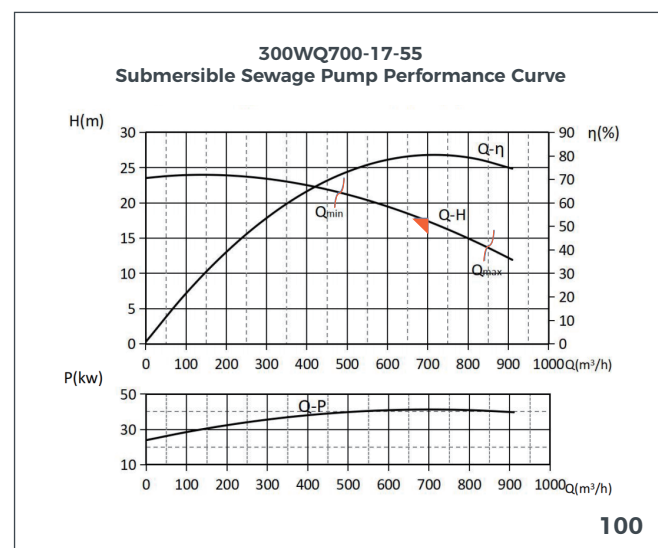
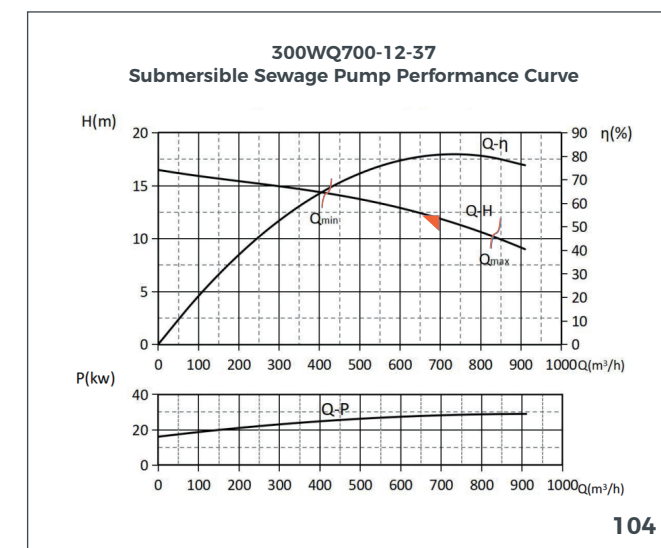
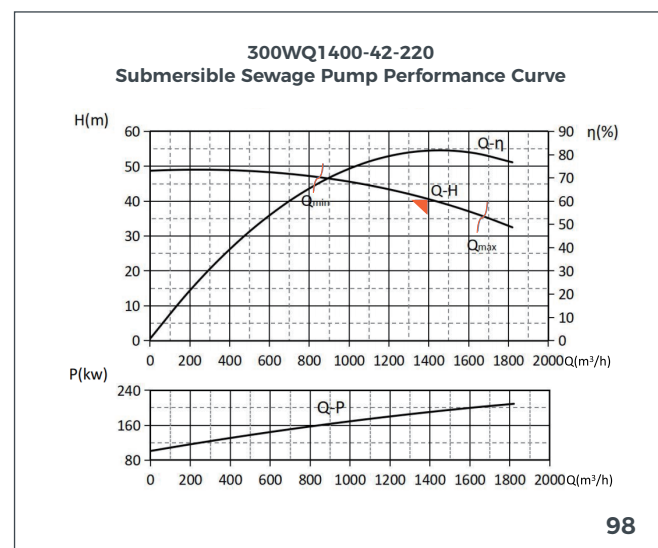
Performance Curve



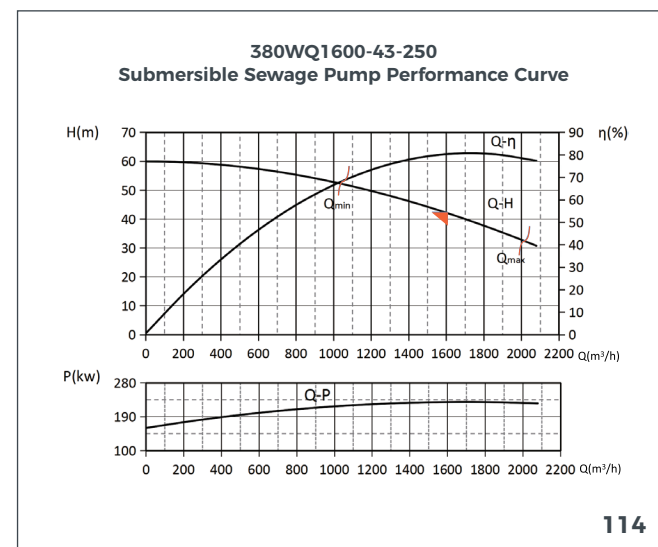
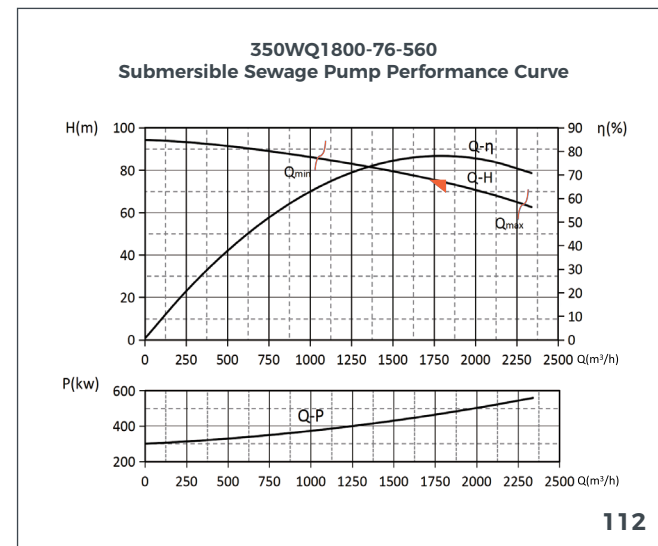
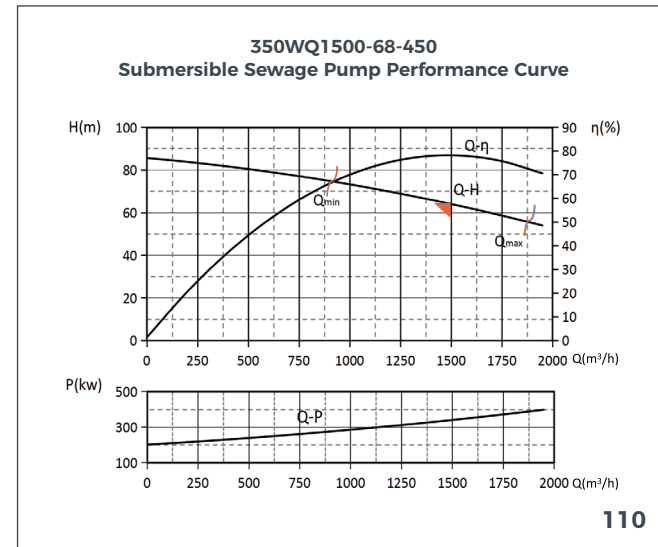
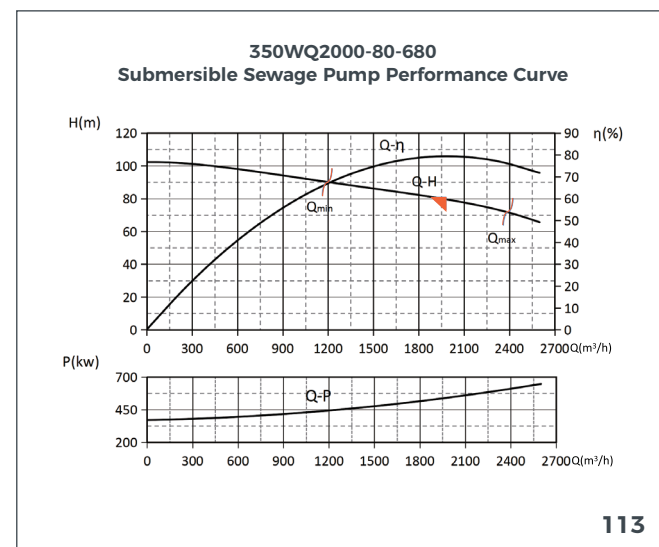
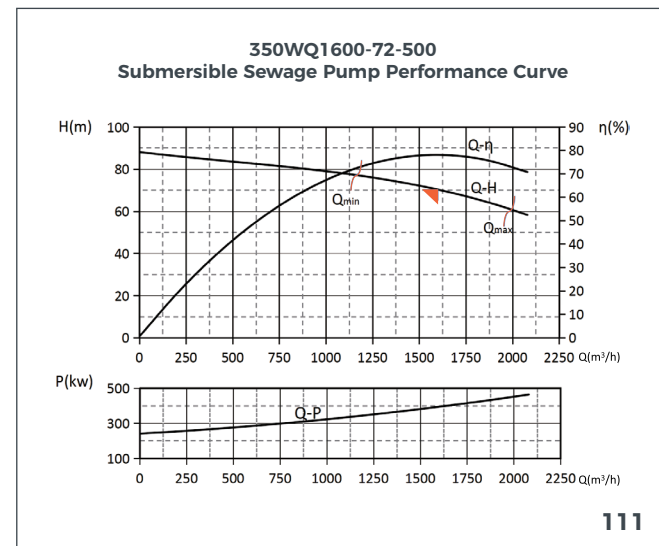
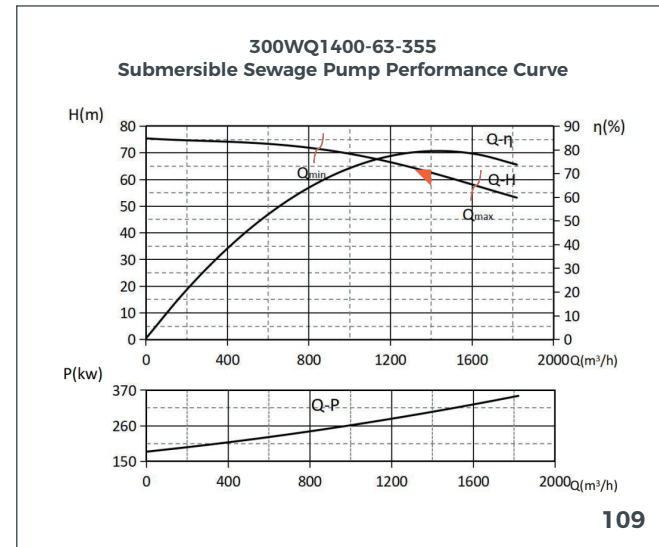
Performance Curve



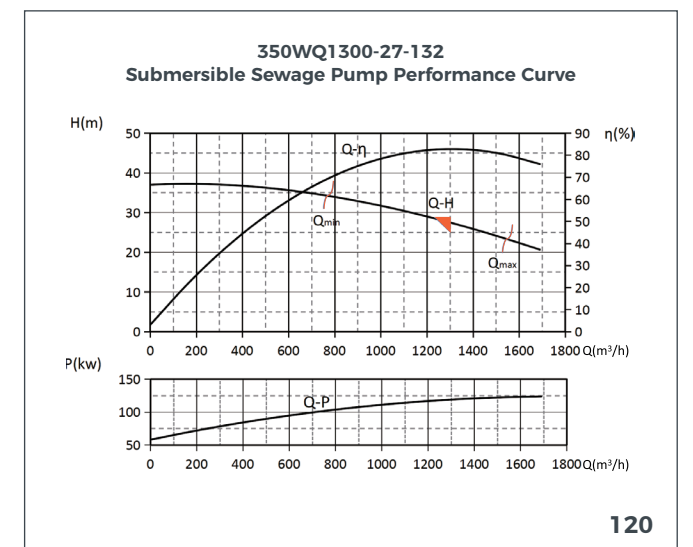
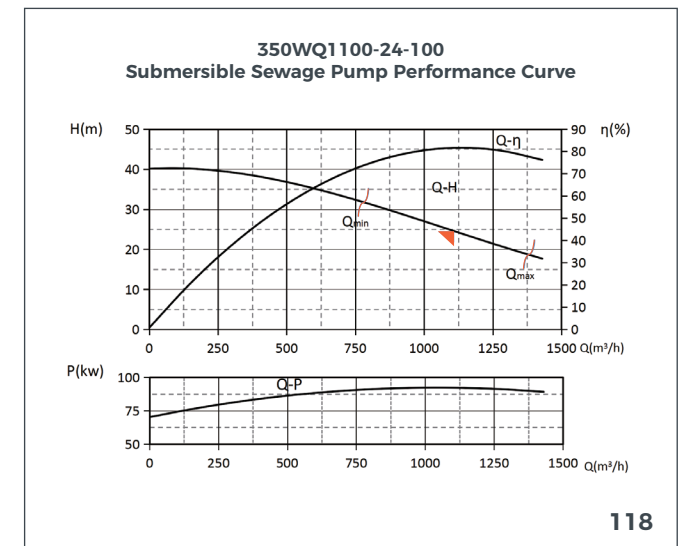
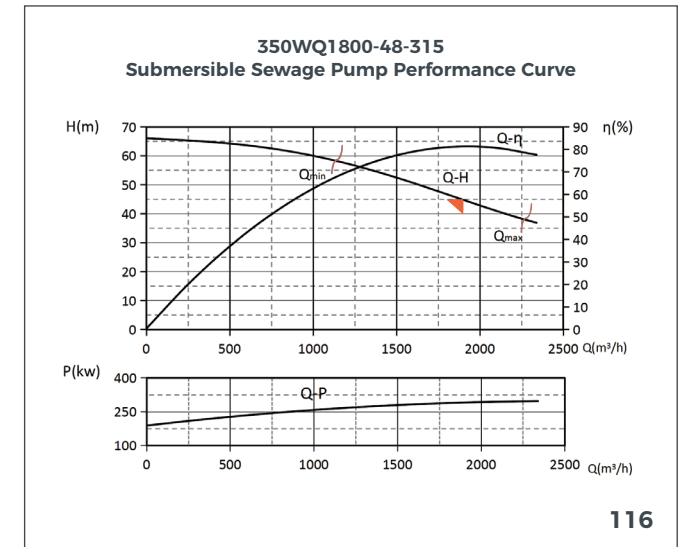
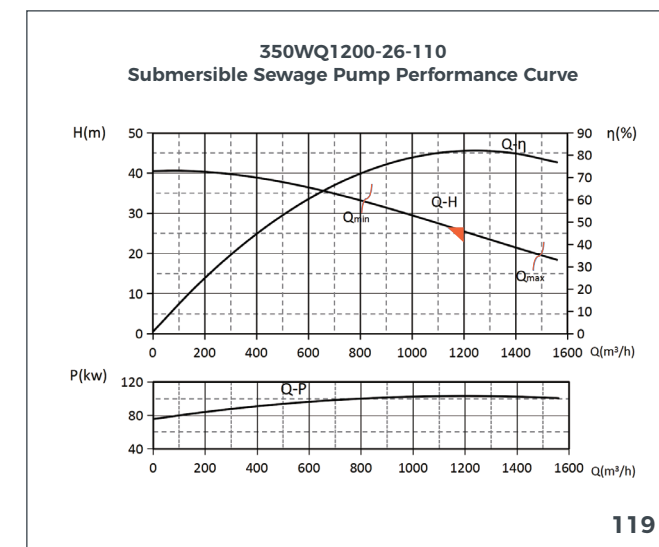
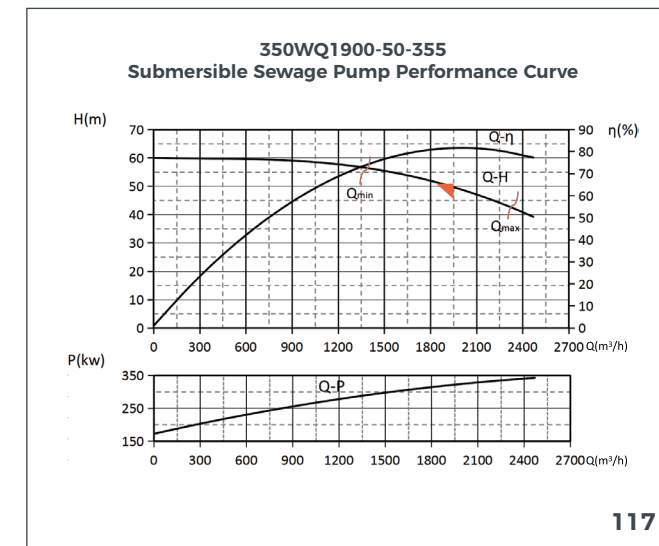
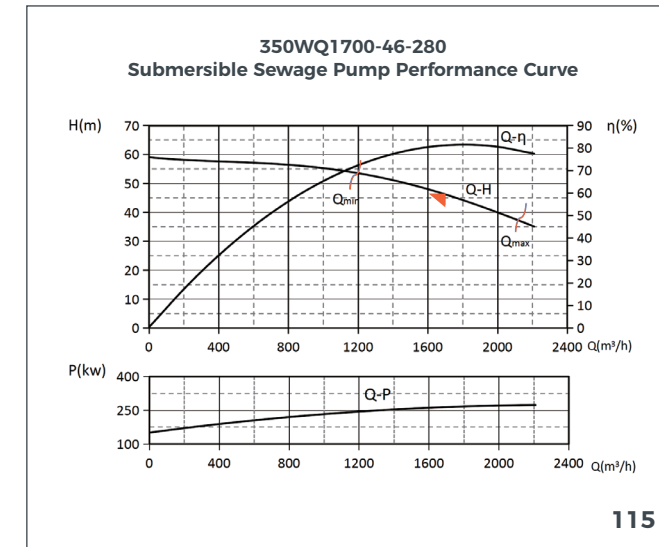
Performance Curve



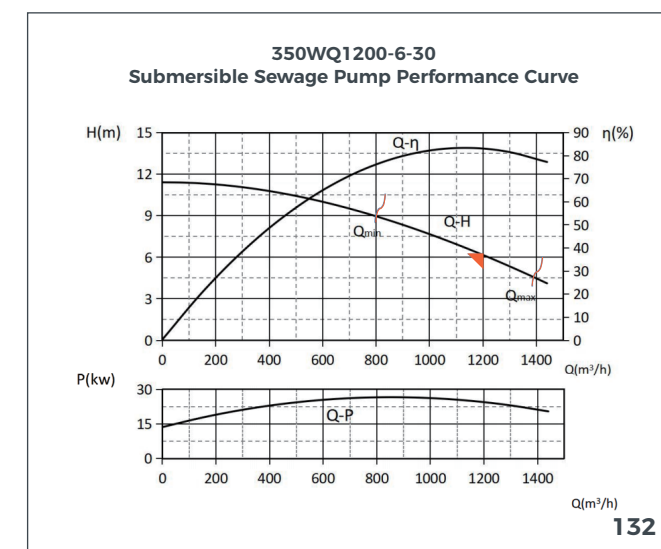
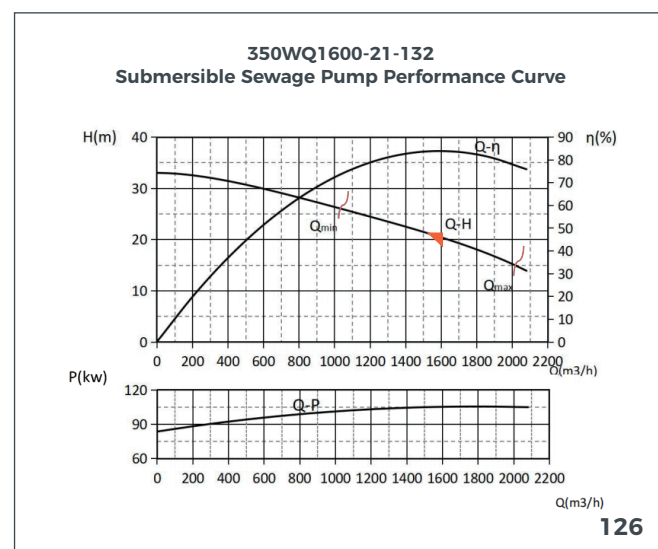
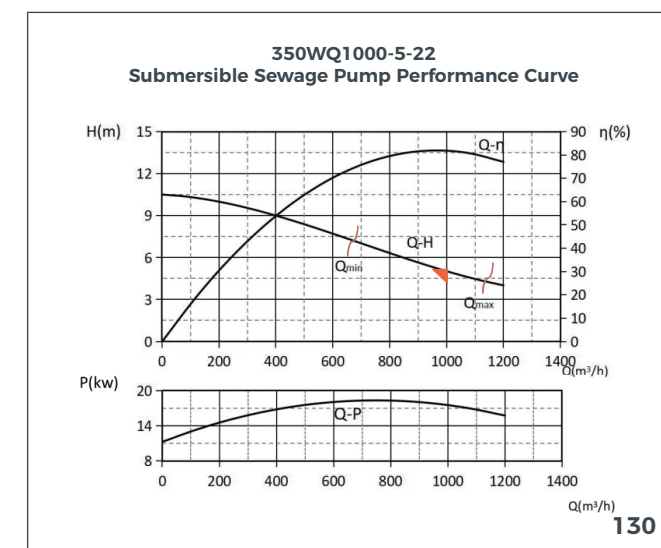
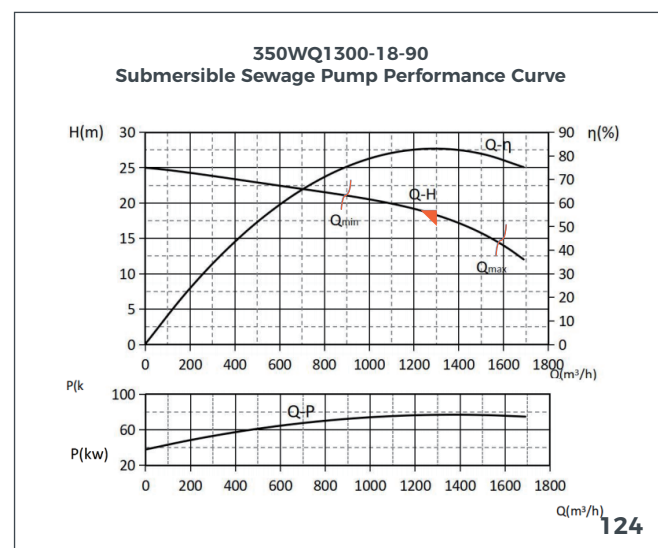
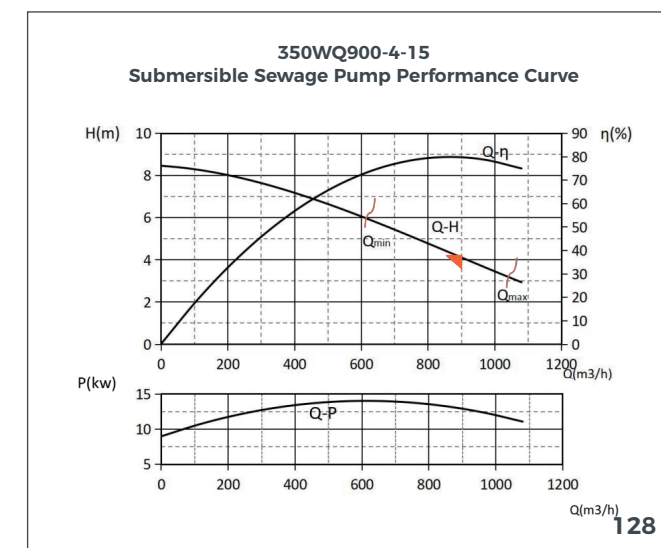
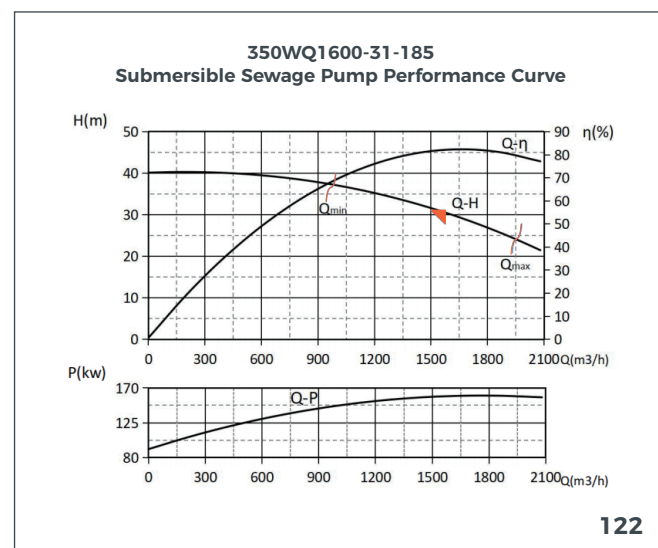
Performance Curve



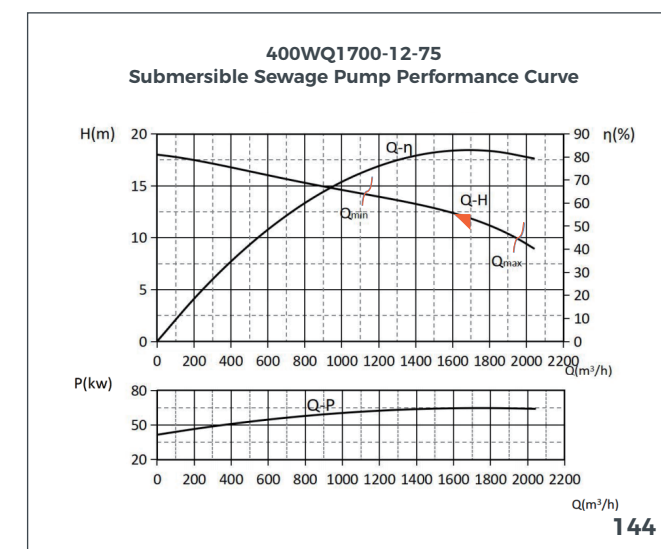
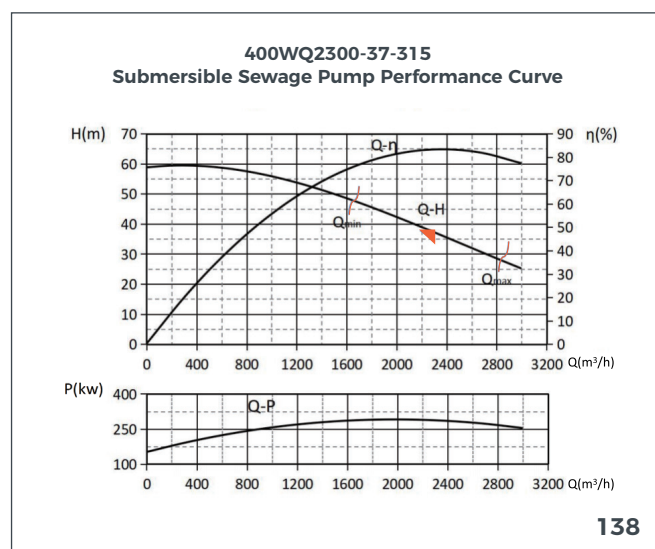
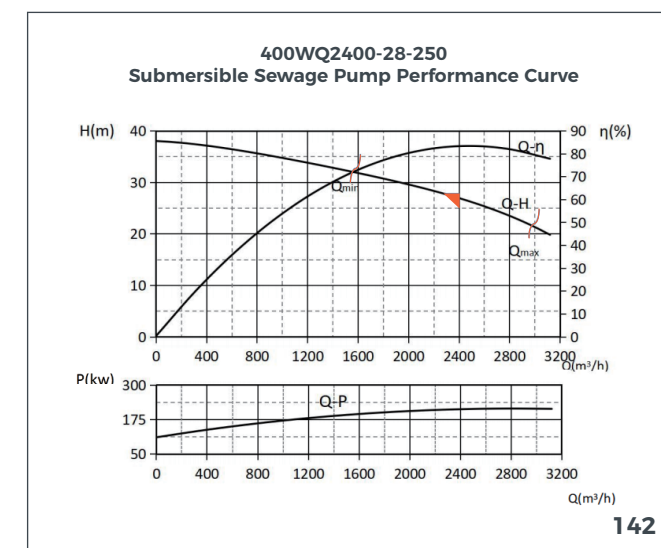
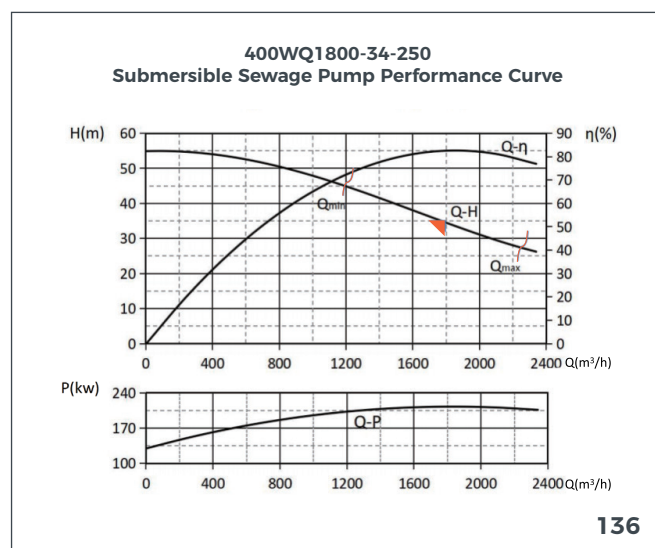
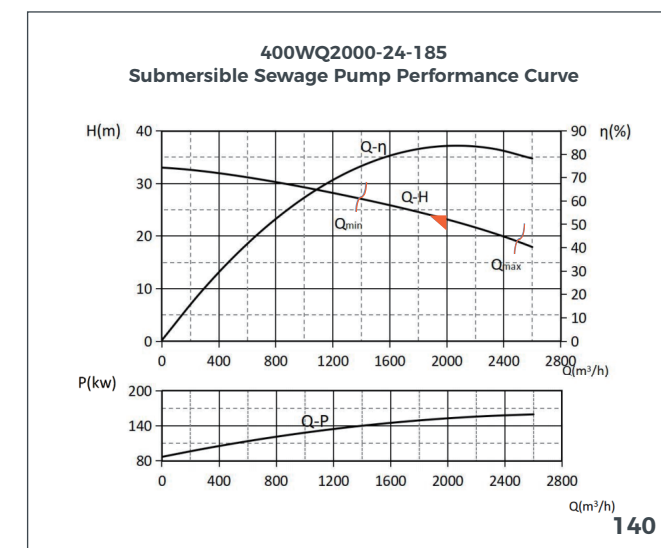
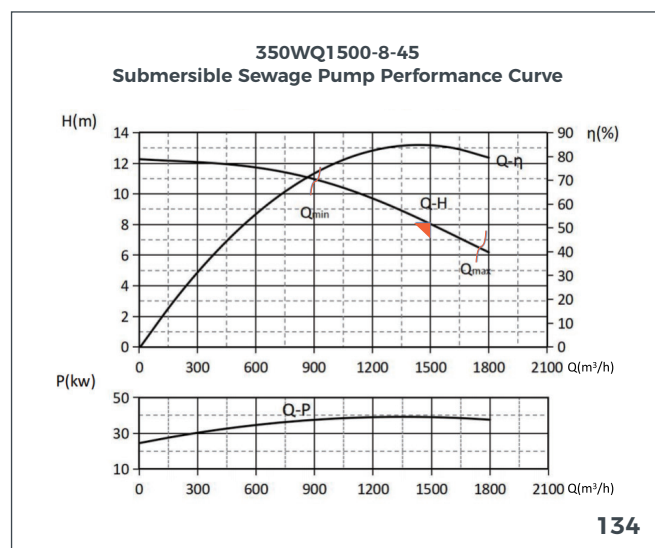
Performance Curve



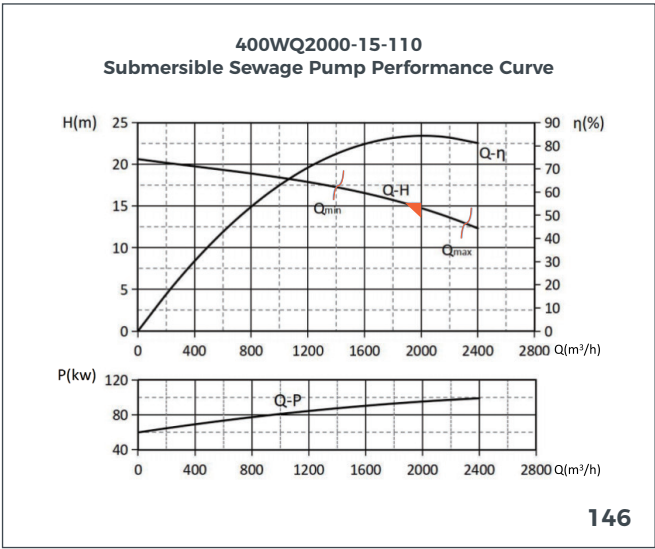
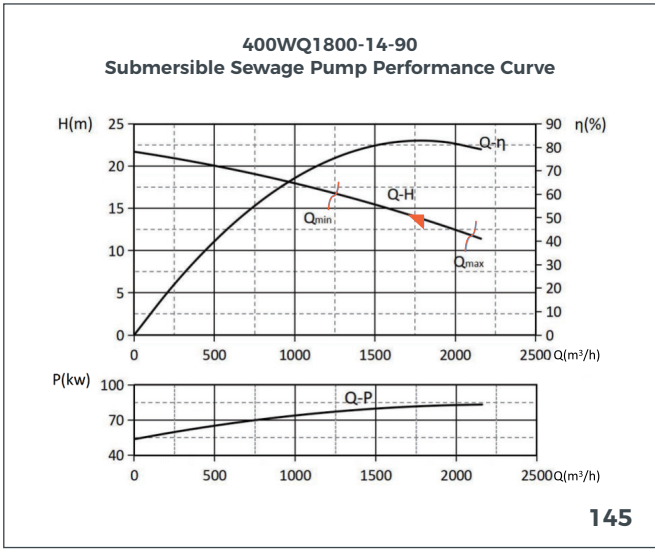
Performance Curve



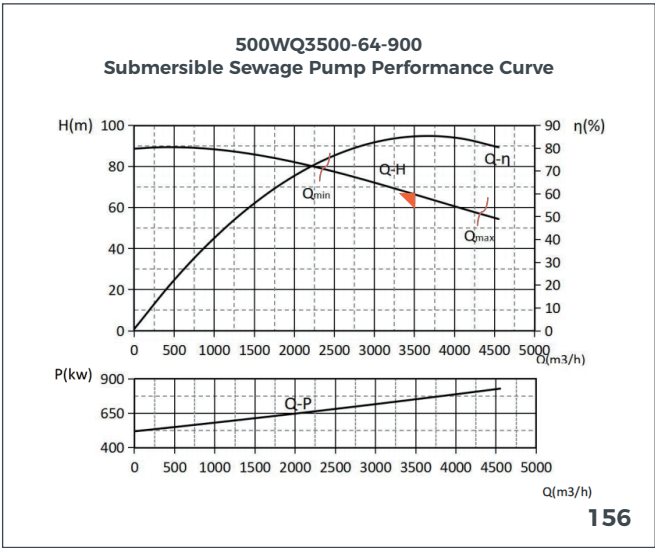
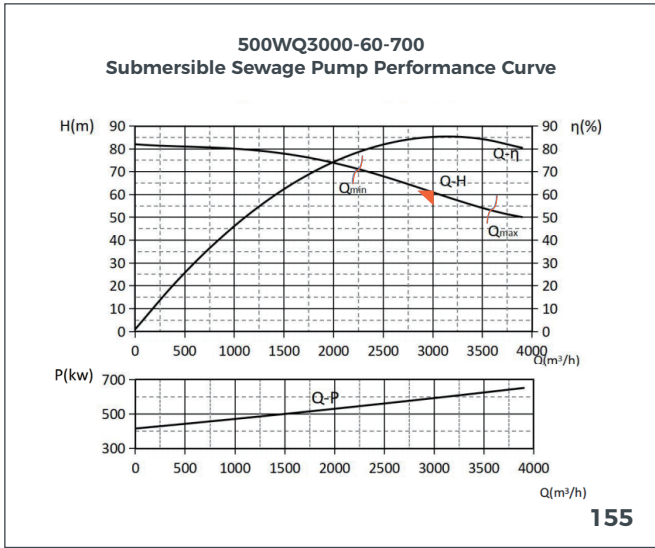
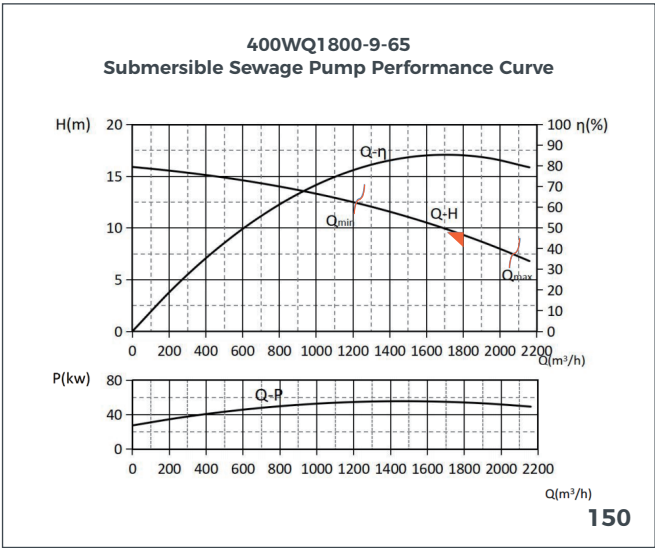
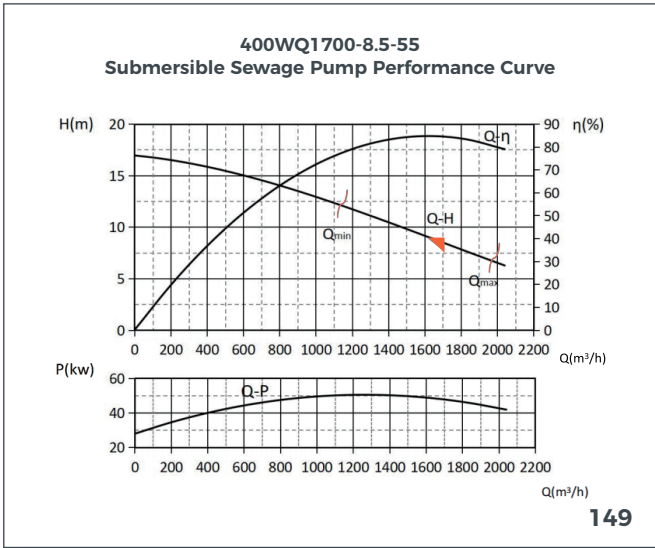
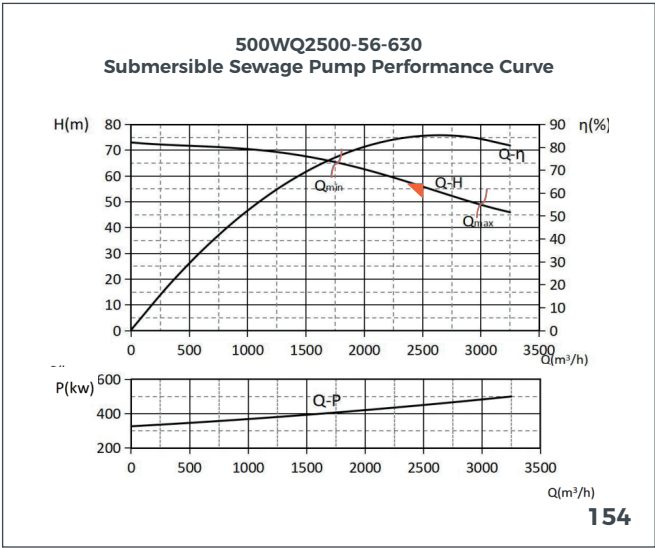
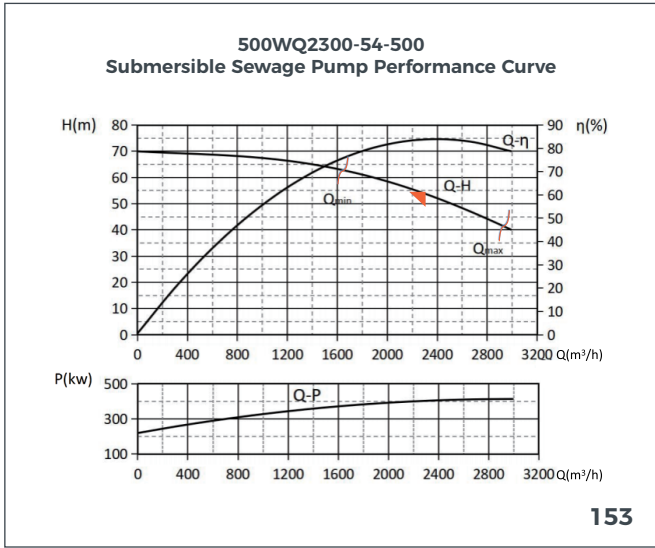
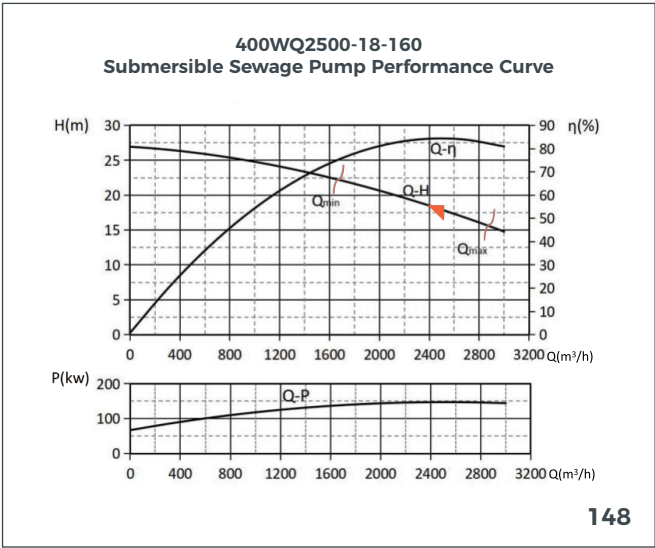
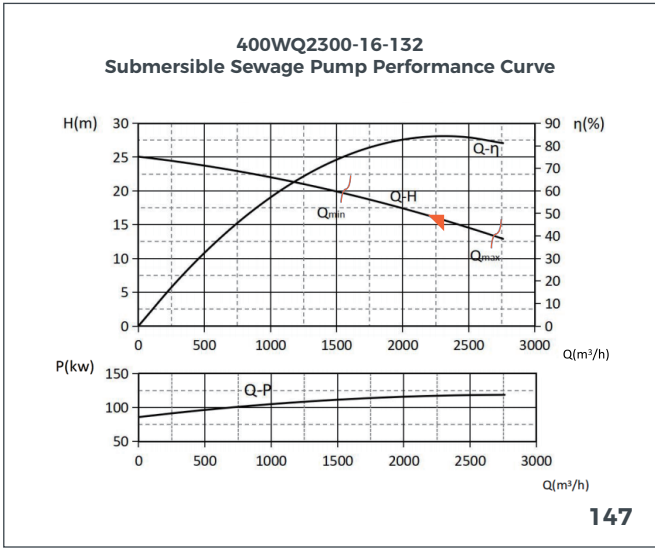
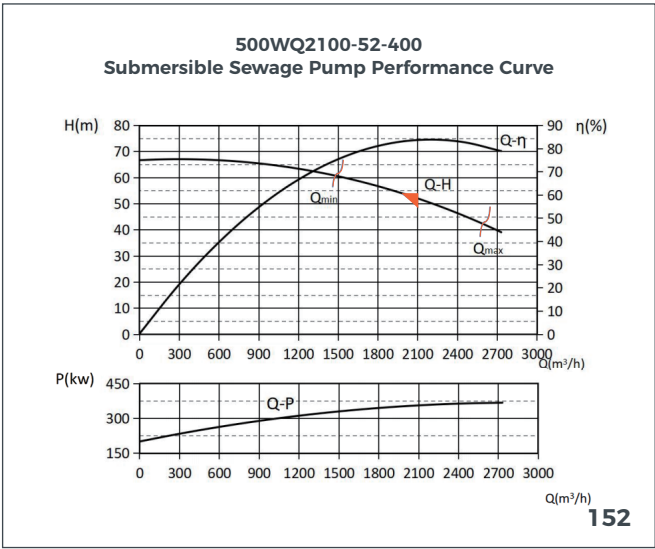
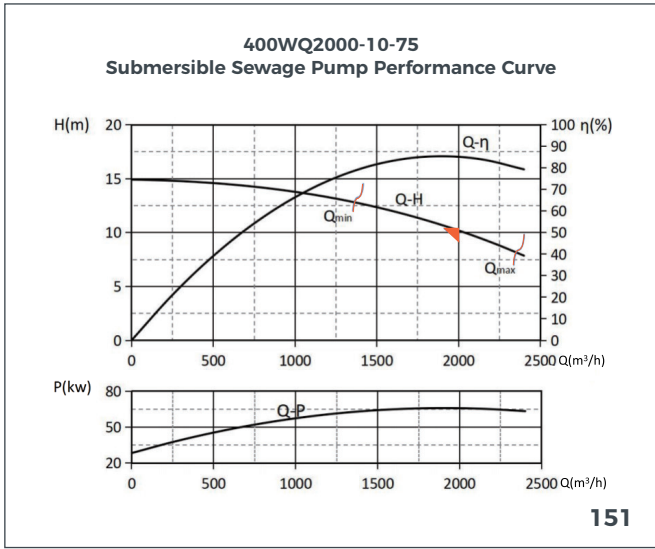
Performance Curve



Performance Curve



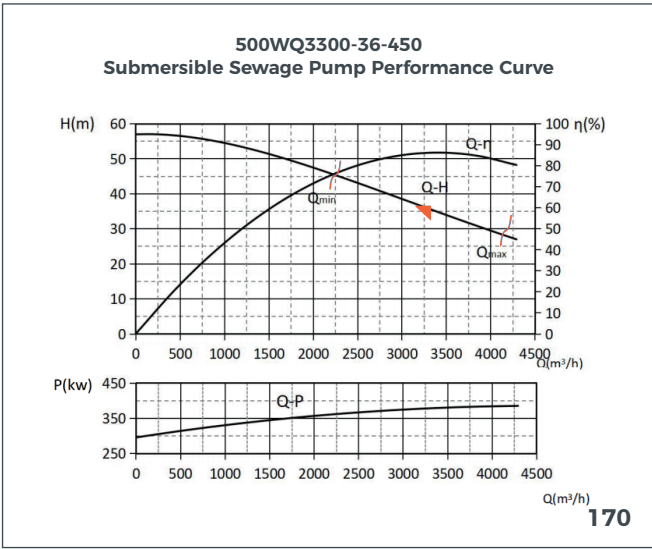
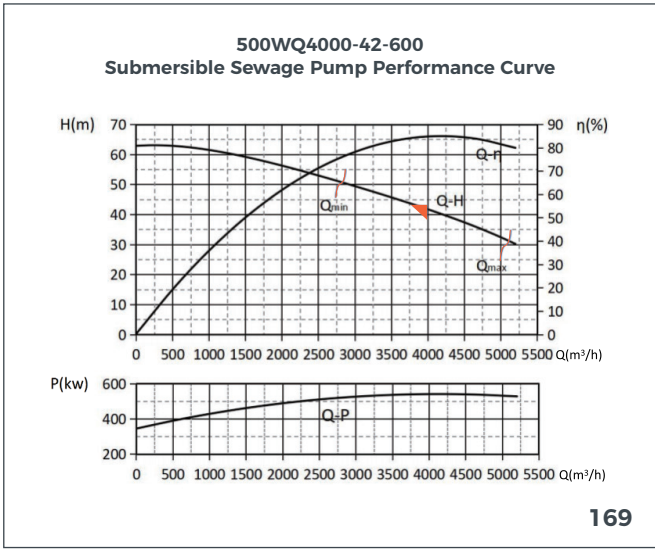
Performance Curve



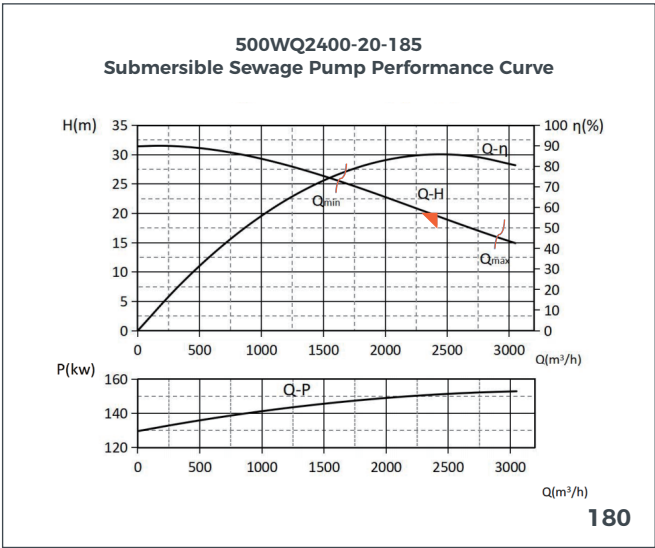
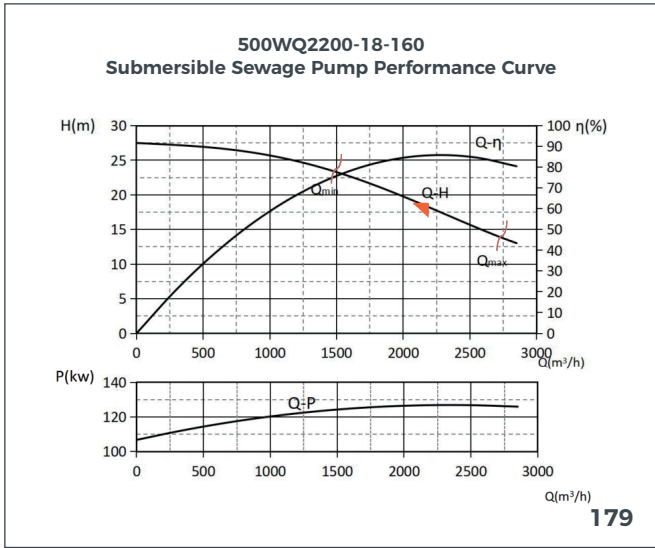
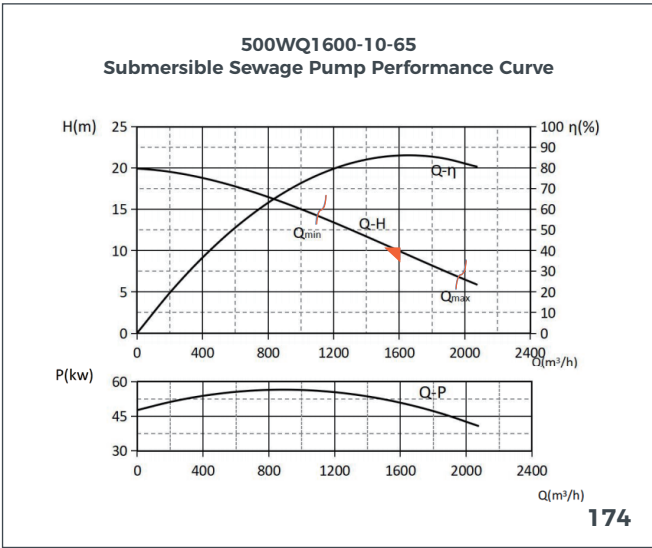
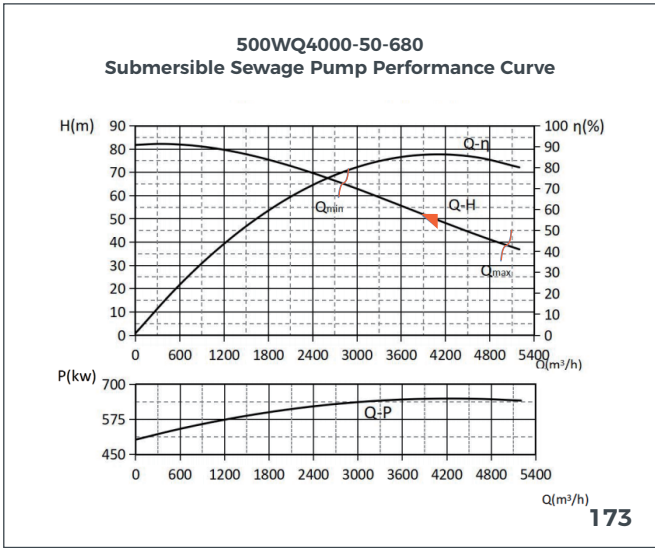
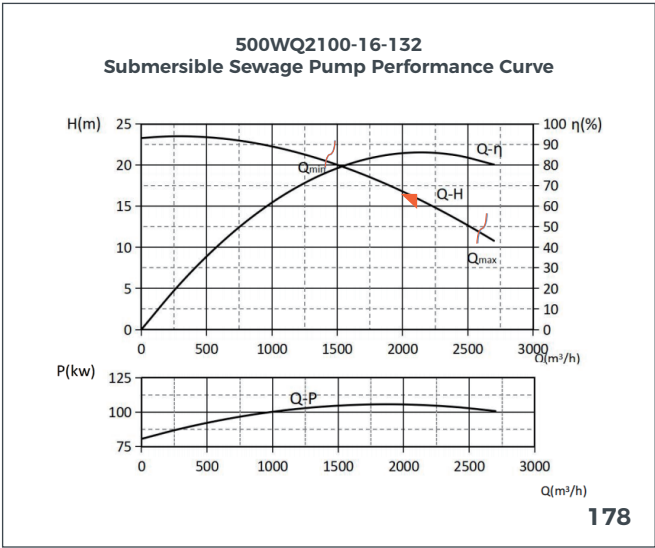
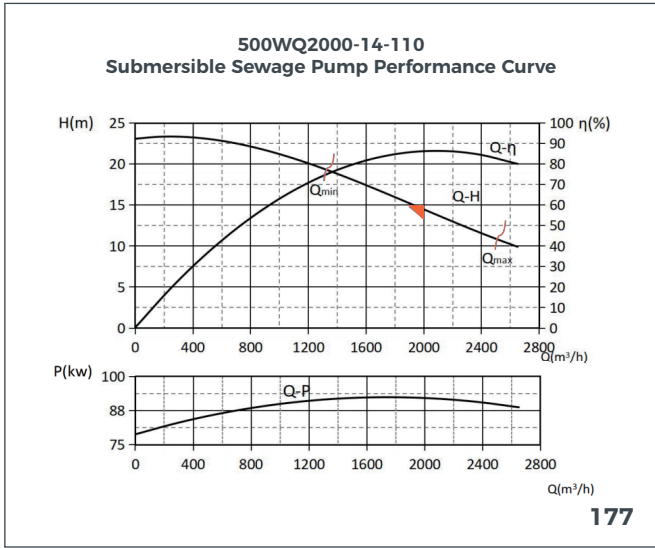
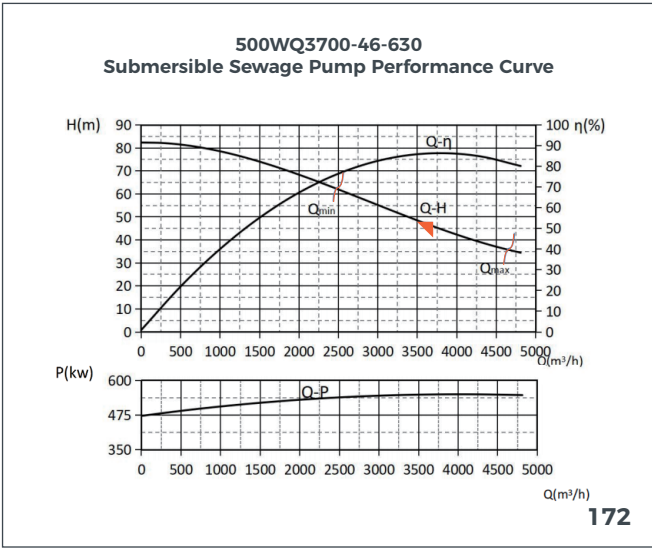
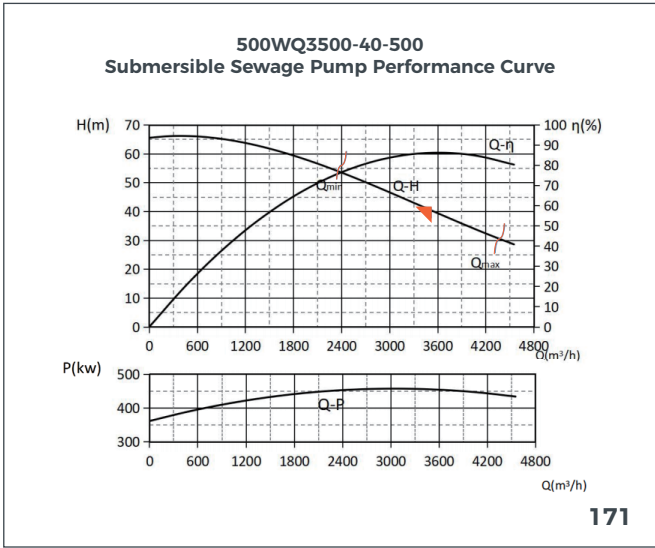
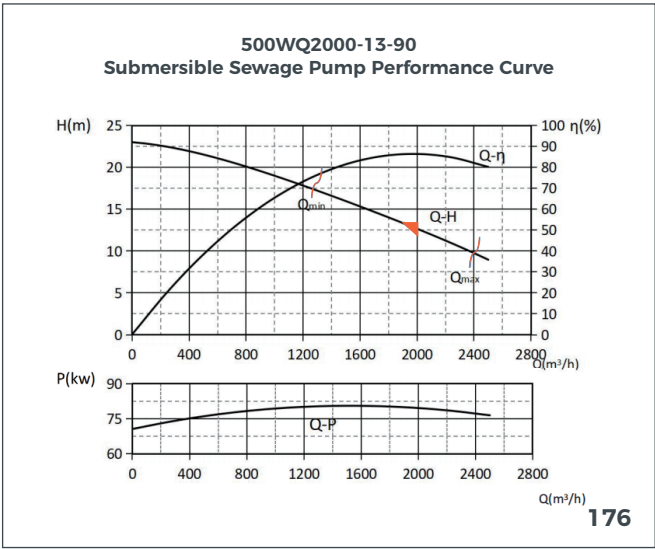
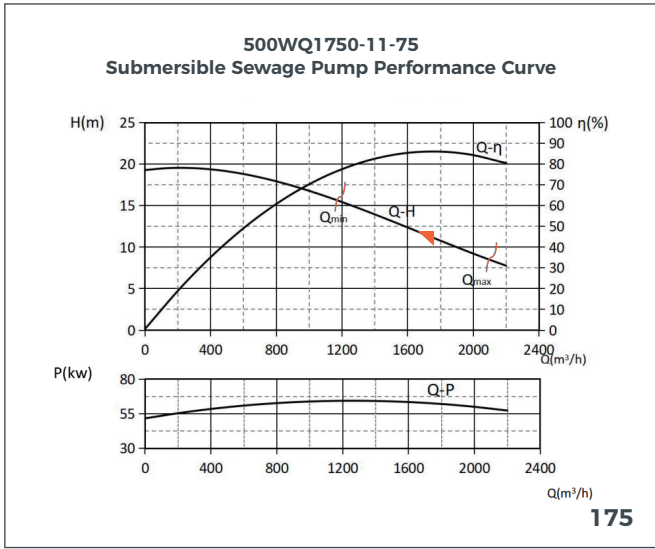
Performance Curve



Performance Curve



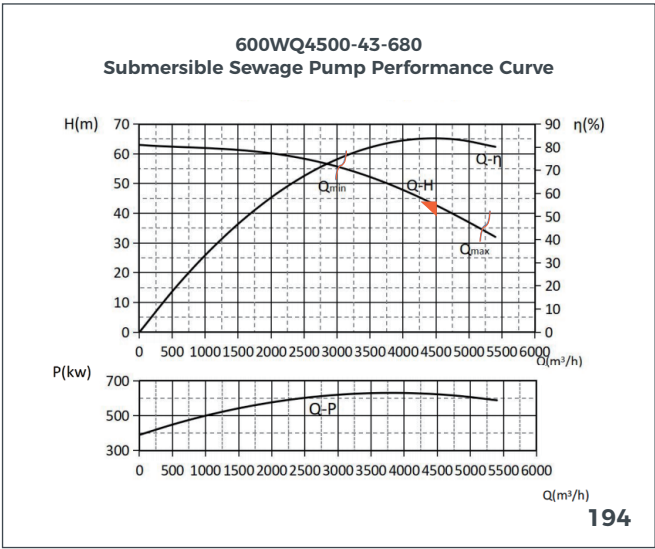
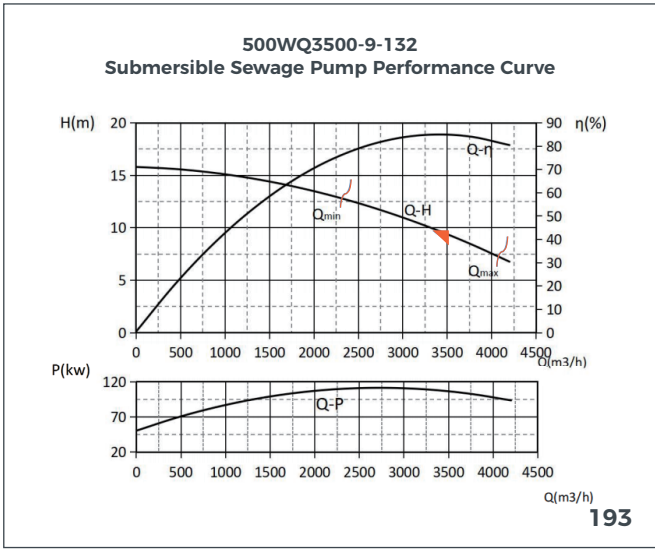
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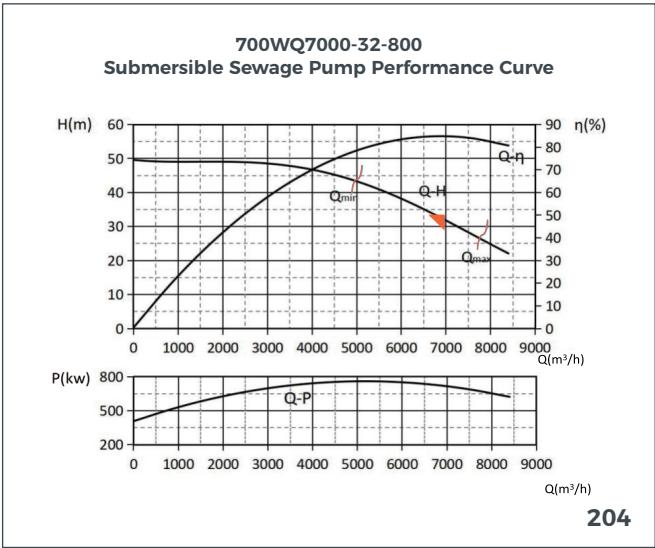
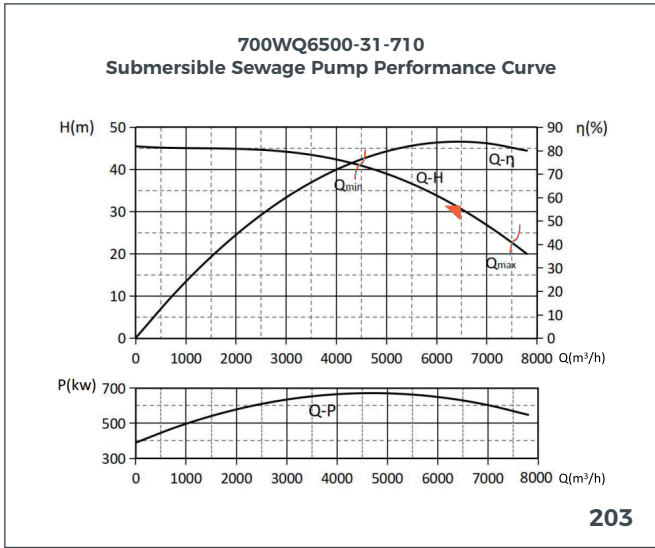
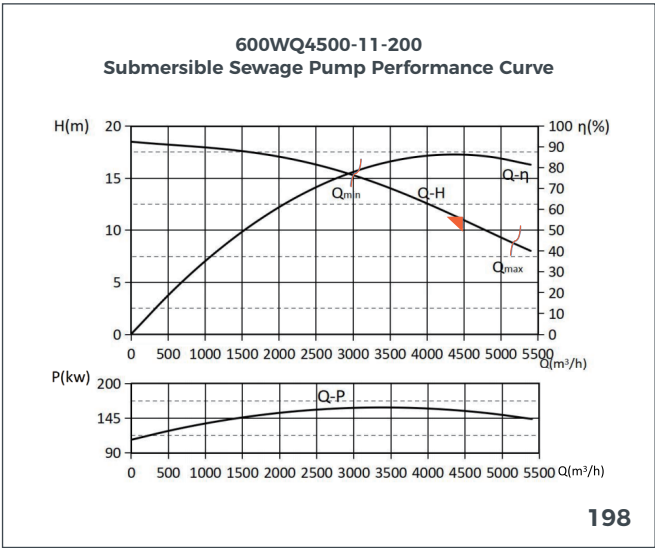
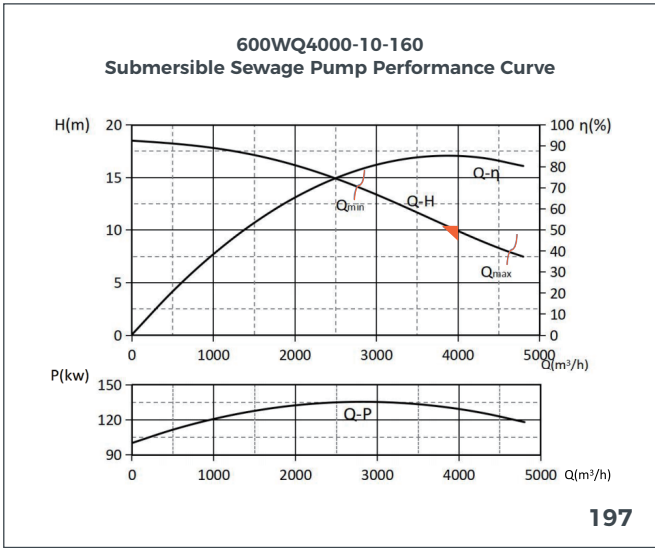
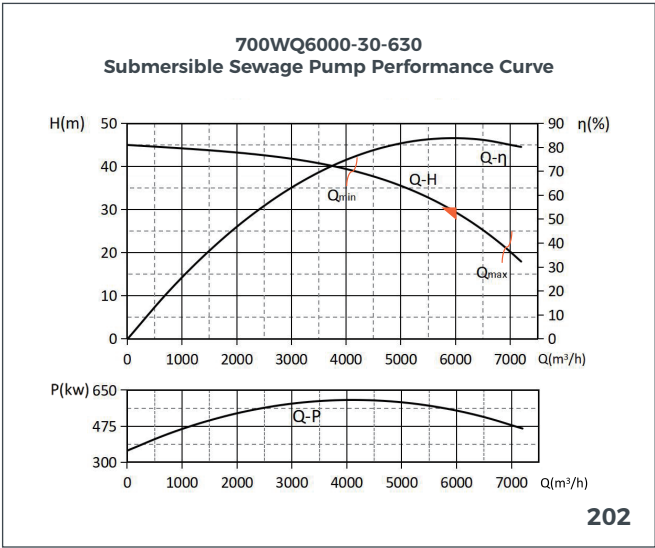
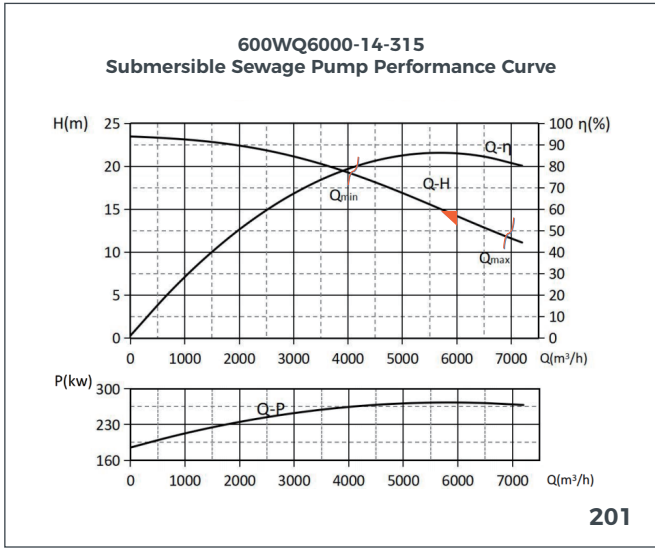
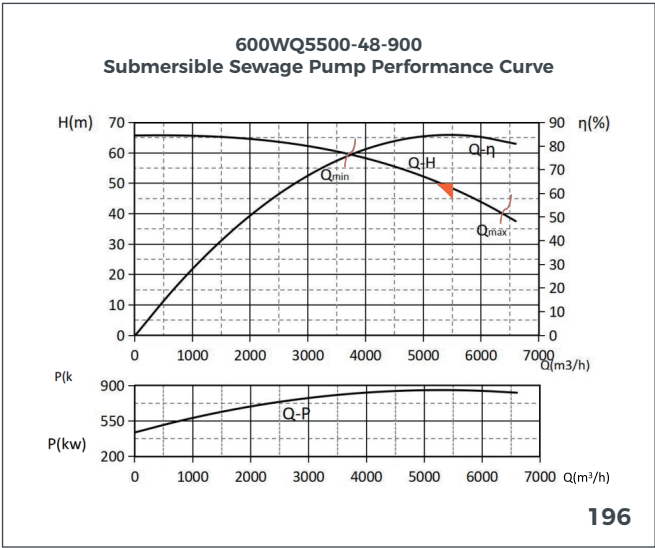
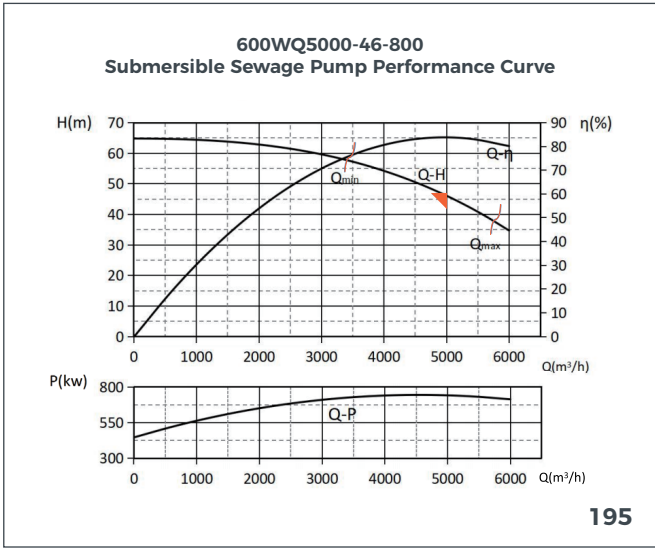
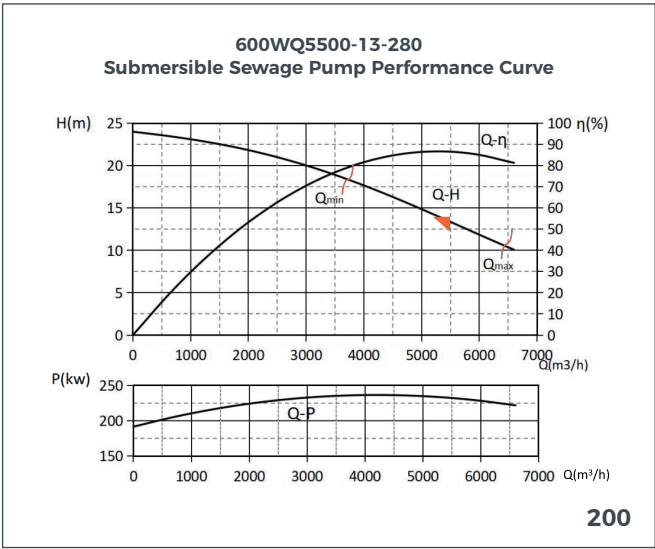
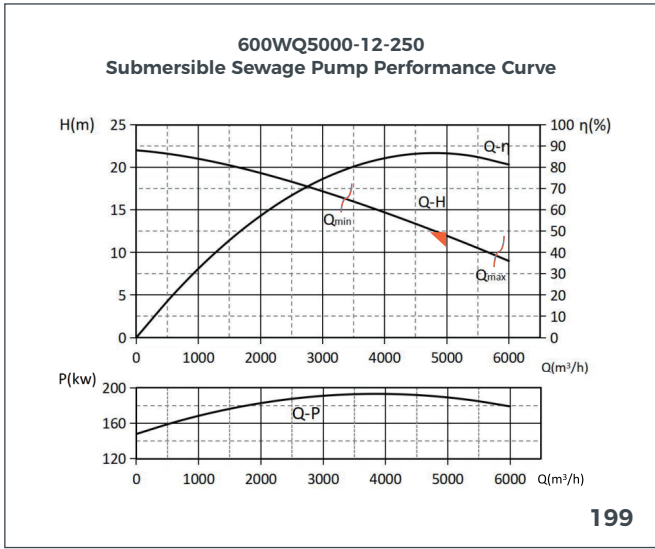
Performance Curve



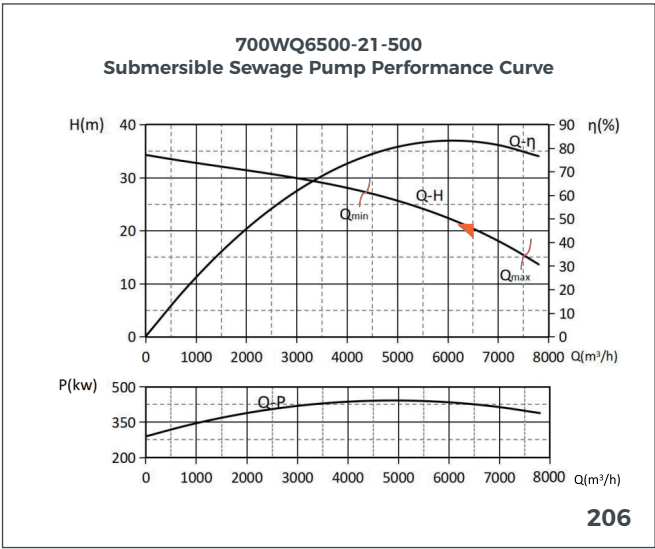
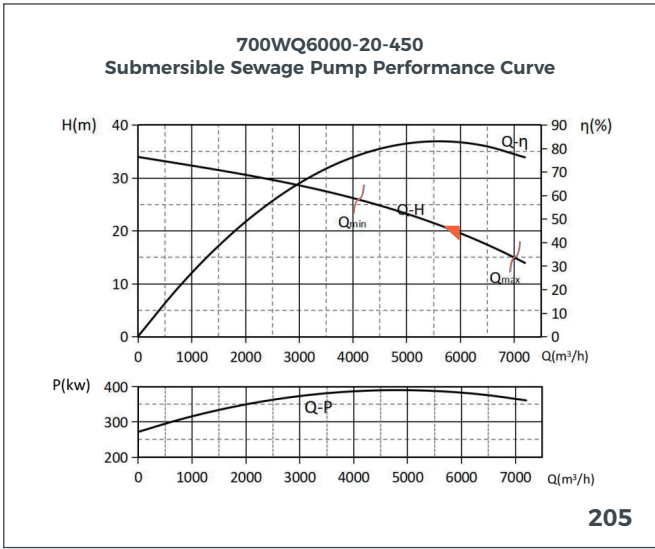
Performance Curve



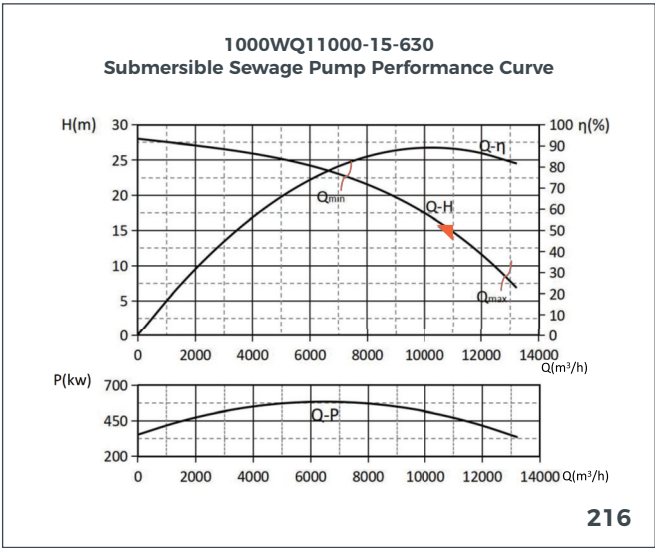
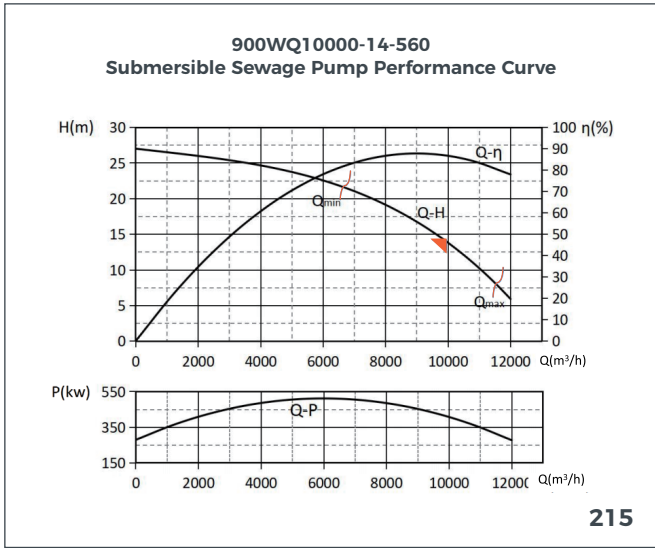
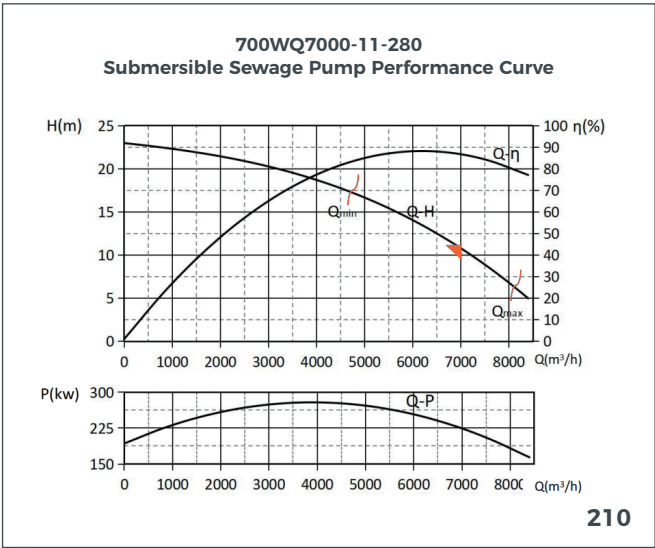
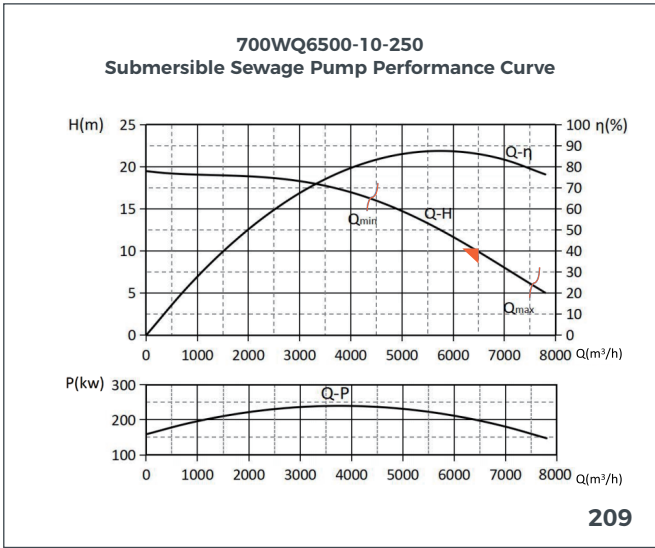
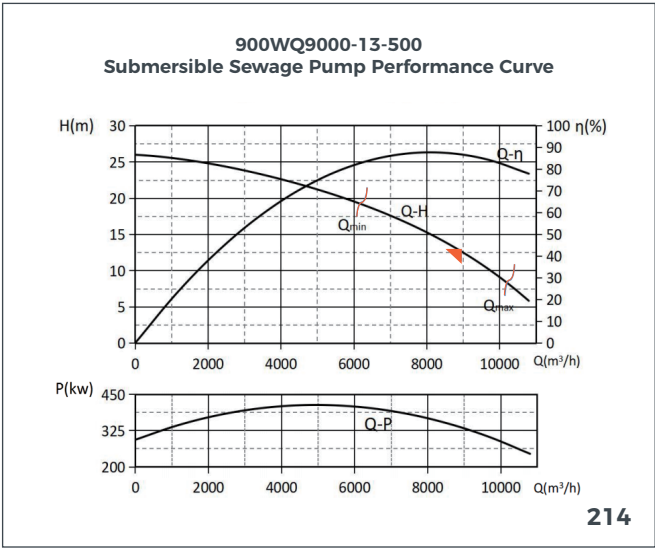
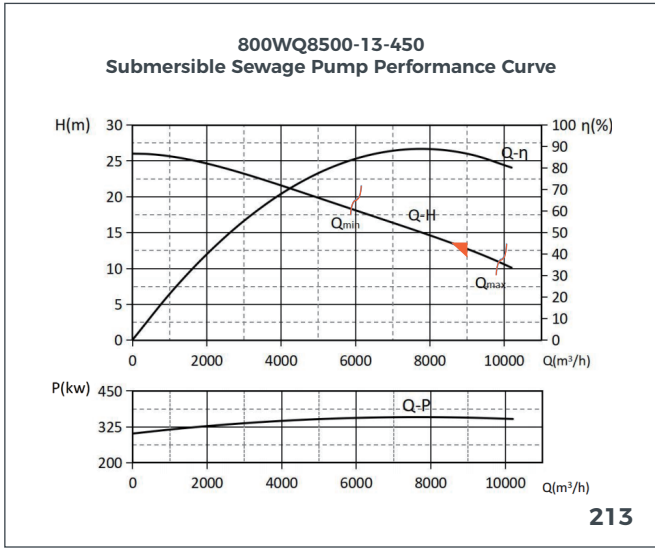
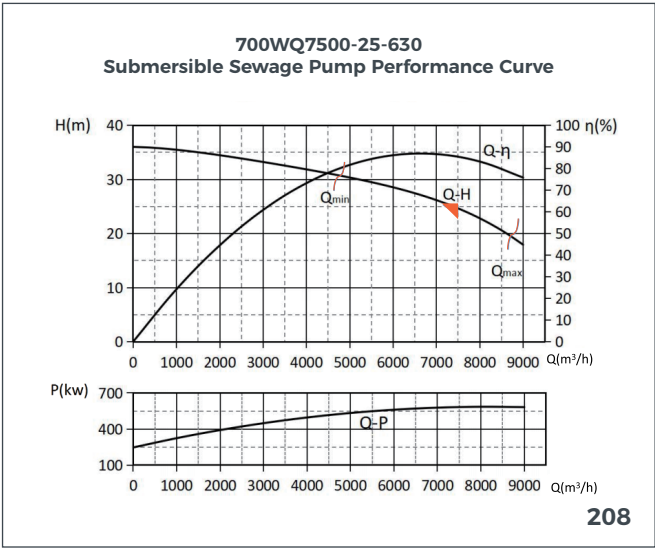
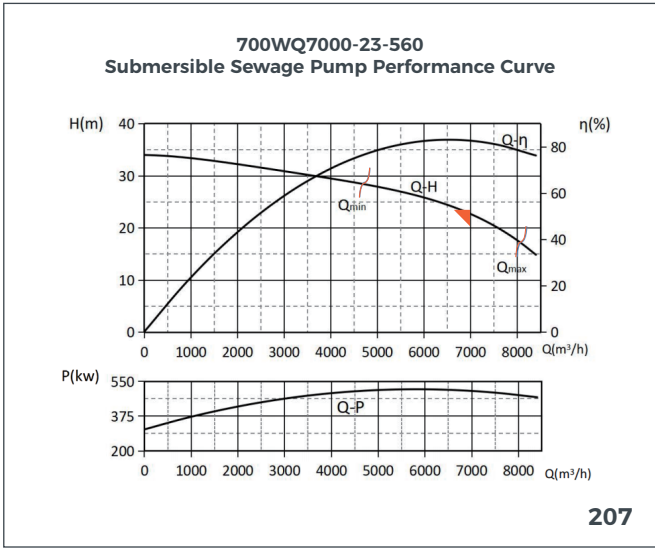
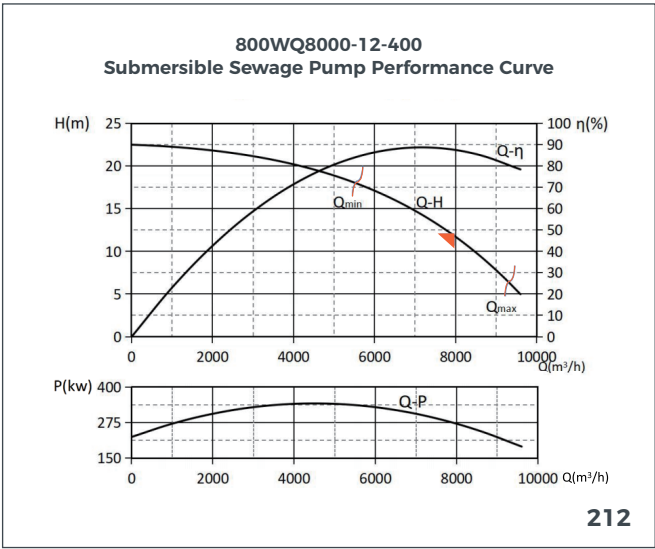
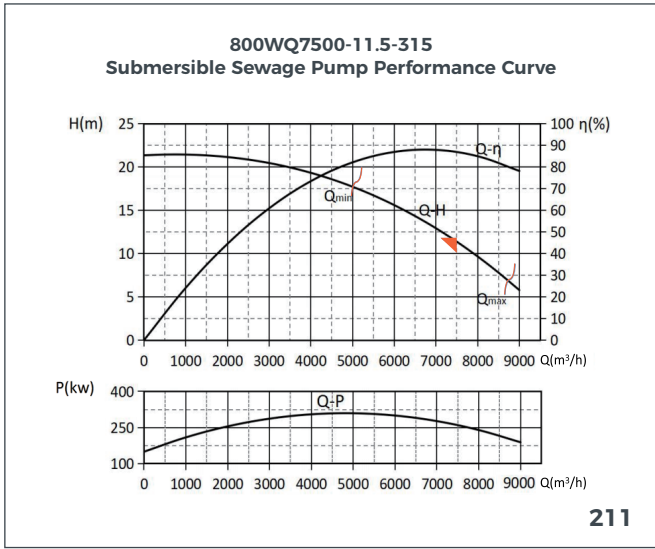
Performance Curve



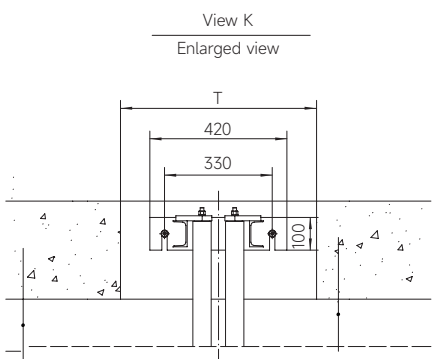
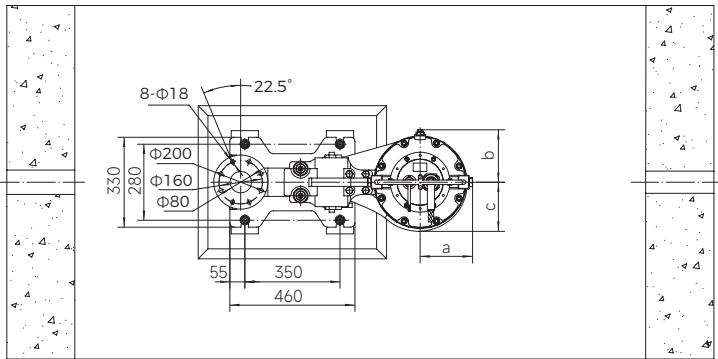
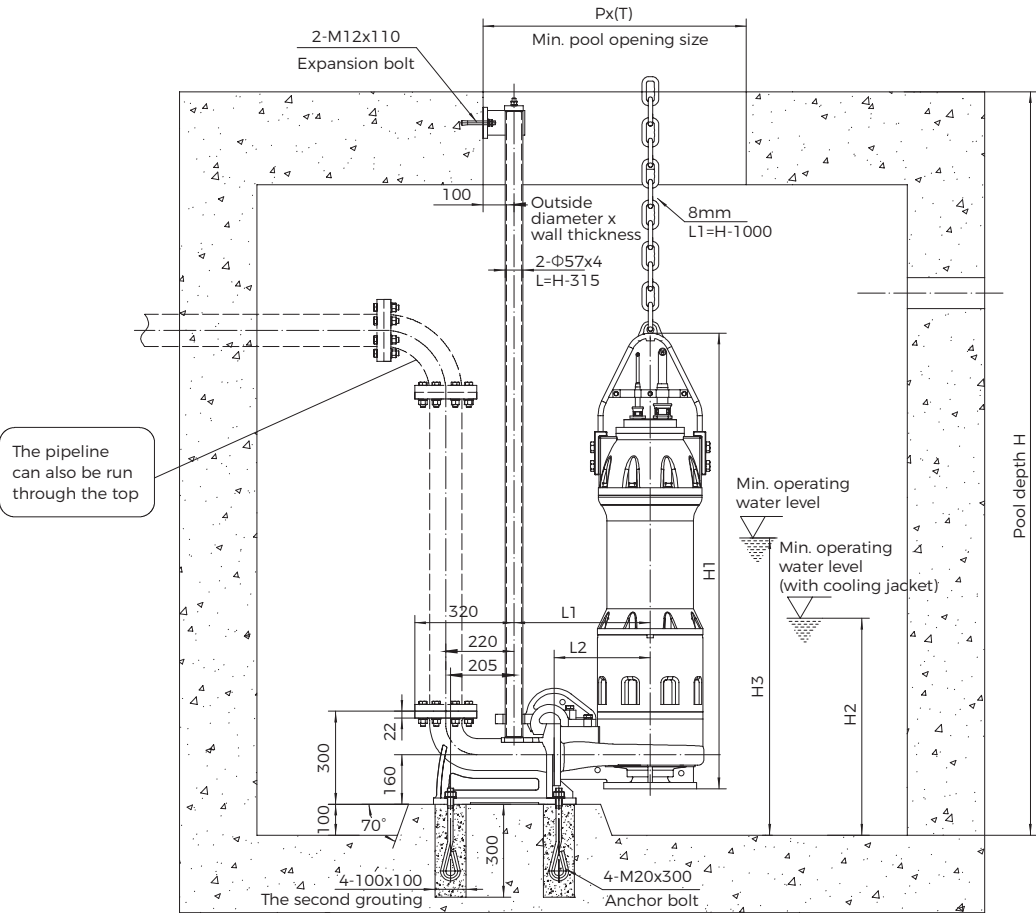
Performance Curve



Performance Curve



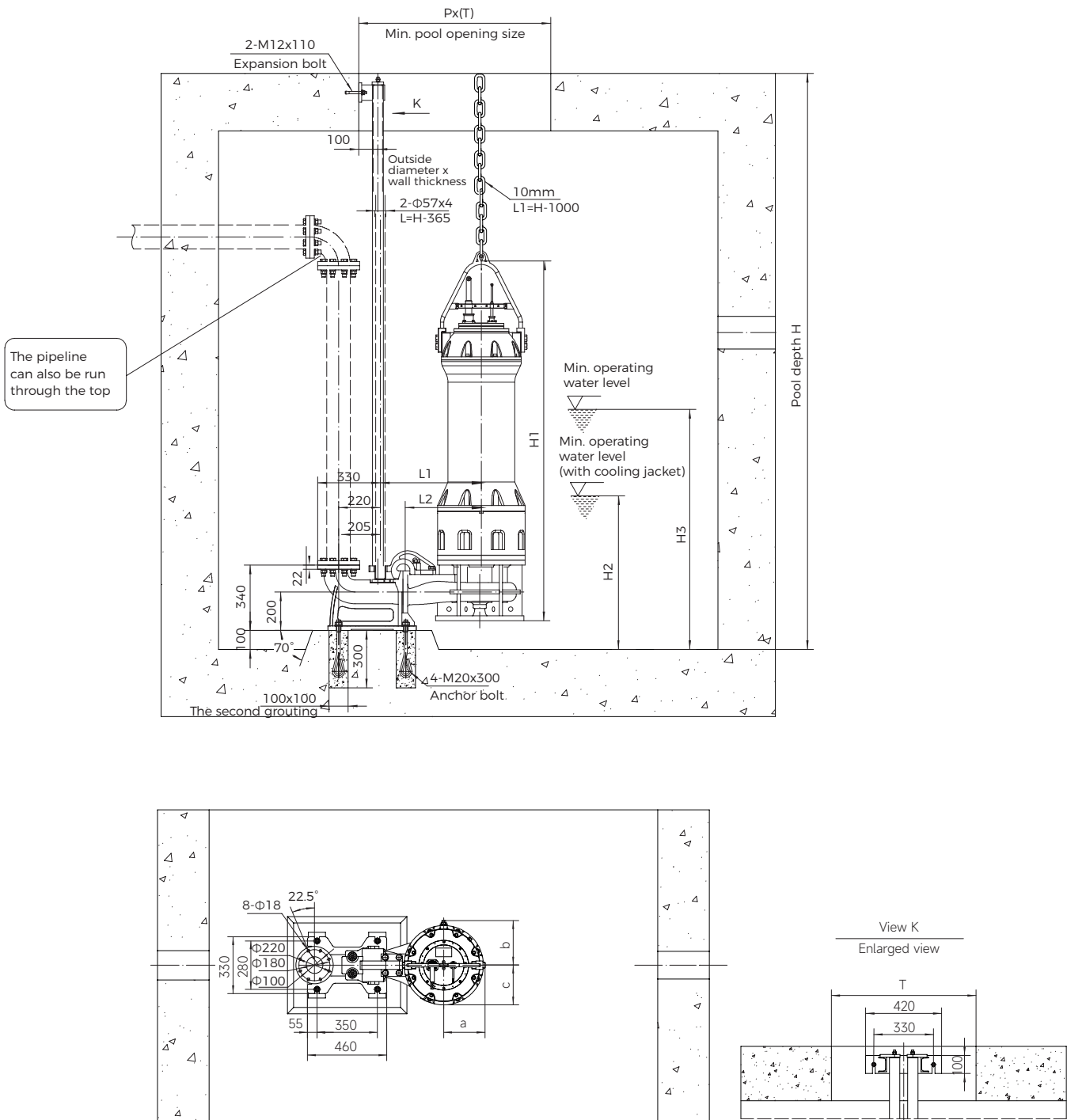
DN80 Outline Installation Dimension Drawing
 (Coupling Installation)



DN80 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
1	80WQ40-45-11	1370	700	890	440	310	192.5	193	180	850×600
2	80WQ50-48-13	1370	700	890	440	310	192.5	193	180	850×600
3	80WQ50-55-15	1370	700	890	440	310	192.5	193	180	850×600
4	80WQ55-58-18.5	1370	700	890	440	310	192.5	193	180	850×600
5	80WQ60-62-22	1370	700	890	440	310	192.5	193	180	850×600
6	80WQ70-64-25	1420	700	920	440	310	192.5	193	180	850×600
7	80WQ80-75-30	1420	700	920	440	310	192.5	193	180	850×600
8	80WQ70-30-11	1370	700	890	440	310	192.5	193	180	850×600
9	80WQ80-34-15	1370	700	890	440	310	192.5	193	180	850×600

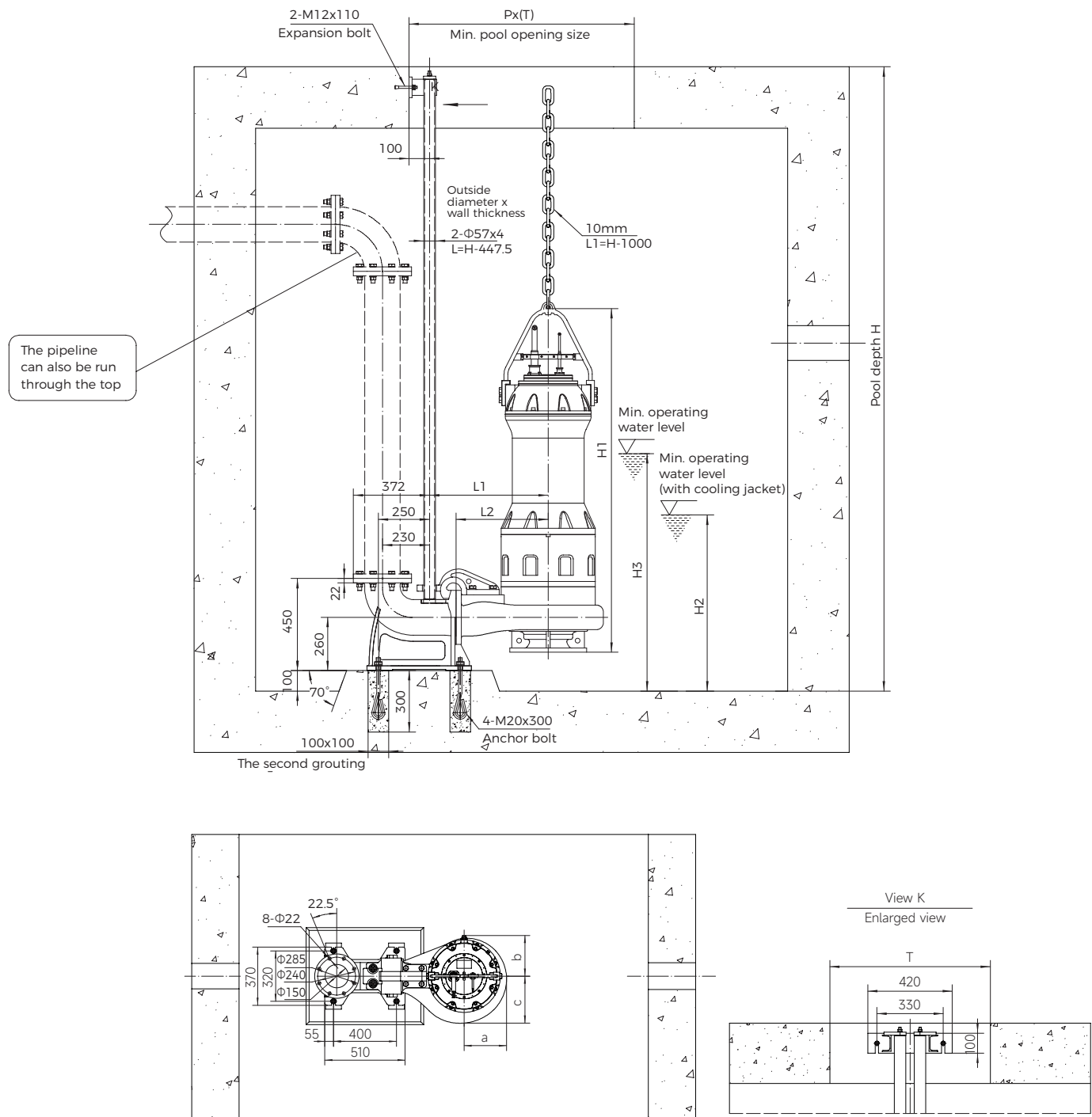
DN100 Outline Installation Dimension Drawing
 (Coupling Installation)



DN100 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
10	100WQ140-78-75	2090	830	1280	680	550	390	374	406	1250×900
11	100WQ150-84-90	2190	830	1350	680	550	390	374	406	1250×900
12	100WQ160-90-100	2190	830	1350	680	550	390	374	406	1250×900
13	100WQ170-95-110	2190	830	1350	680	550	390	374	406	1250×900
14	100WQ90-43-18.5	1675	800	1110	530	400	239	256	231	1000×800
15	100WQ100-50-22	1675	800	1110	530	400	239	256	231	1000×800
16	100WQ130-54-30	1775	800	1180	530	400	239	256	231	1000×800
17	100WQ140-60-37	1775	800	1180	530	400	239	256	231	1000×800
18	100WQ160-64-45	1775	800	1180	530	400	239	256	231	1000×800
19	100WQ180-68-55	1875	800	1240	530	400	239	256	231	1000×800
20	100WQ100-26-11	1465	800	990	530	400	239	256	231	1250×800
21	100WQ110-30-15	1465	800	990	530	400	239	256	231	1250×800
22	100WQ120-33-18.5	1465	800	990	530	400	239	256	231	1250×800
23	100WQ130-35-22	1465	800	990	530	400	239	256	231	1250×800

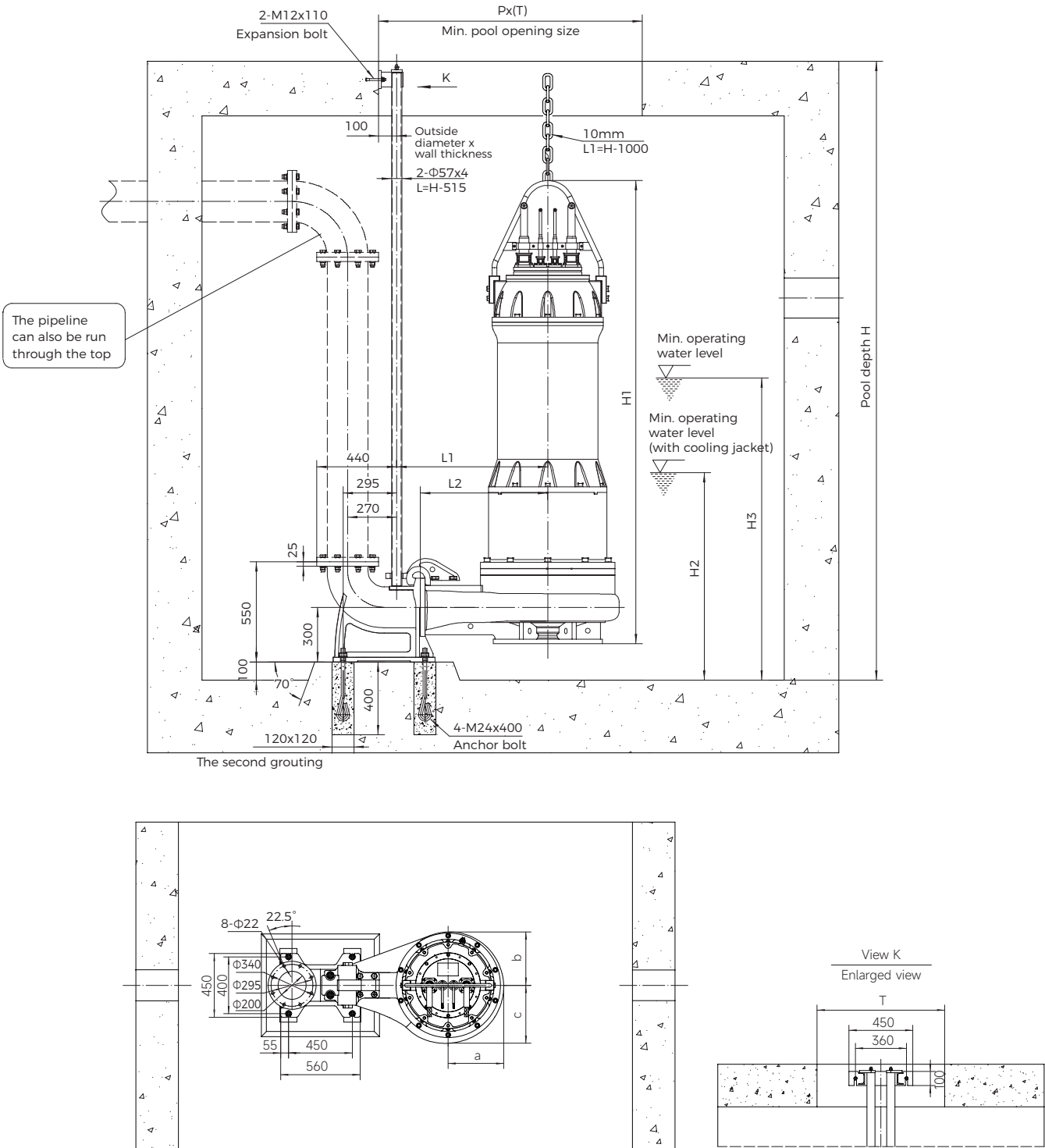
DN150 Outline Installation Dimension Drawing
(Coupling Installation)



DN150 Outline Installation Dimension Table
(Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
24	150WQ250-63-75	2120	930	1370	680	550	330	325	344	1200×800
25	150WQ270-66-90	2220	930	1440	680	550	330	325	344	1200×800
26	150WQ300-70-110	2220	930	1440	680	550	330	325	344	1200×800
27	150WQ130-20-11	1680	860	1160	580	450	259	258	279	1100×800
28	150WQ150-23-15	1680	860	1160	580	450	259	258	279	1100×800
29	150WQ160-25-18.5	1680	860	1160	580	450	259	258	279	1100×800
30	150WQ185-27-22	1680	860	1160	580	450	259	258	279	1100×800
31	150WQ200-30-30	1780	860	1230	580	450	259	258	279	1100×800
32	150WQ250-34-37	1780	860	1230	580	450	259	258	279	1100×800
33	150WQ180-15-11	1680	860	1160	580	450	269	258	298	1100×800
34	150WQ200-16-15	1680	860	1160	580	450	269	258	298	1100×800
35	150WQ210-18-18.5	1680	860	1160	580	450	269	258	298	1100×800
36	150WQ230-20-22	1680	860	1160	580	450	269	258	298	1100×800
37	150WQ250-22-30	1780	860	1230	580	450	269	258	298	1100×800
38	150WQ300-25-37	1780	860	1230	580	450	269	258	298	1100×800
39	150WQ350-28-45	1780	860	1230	580	450	269	258	298	1100×800

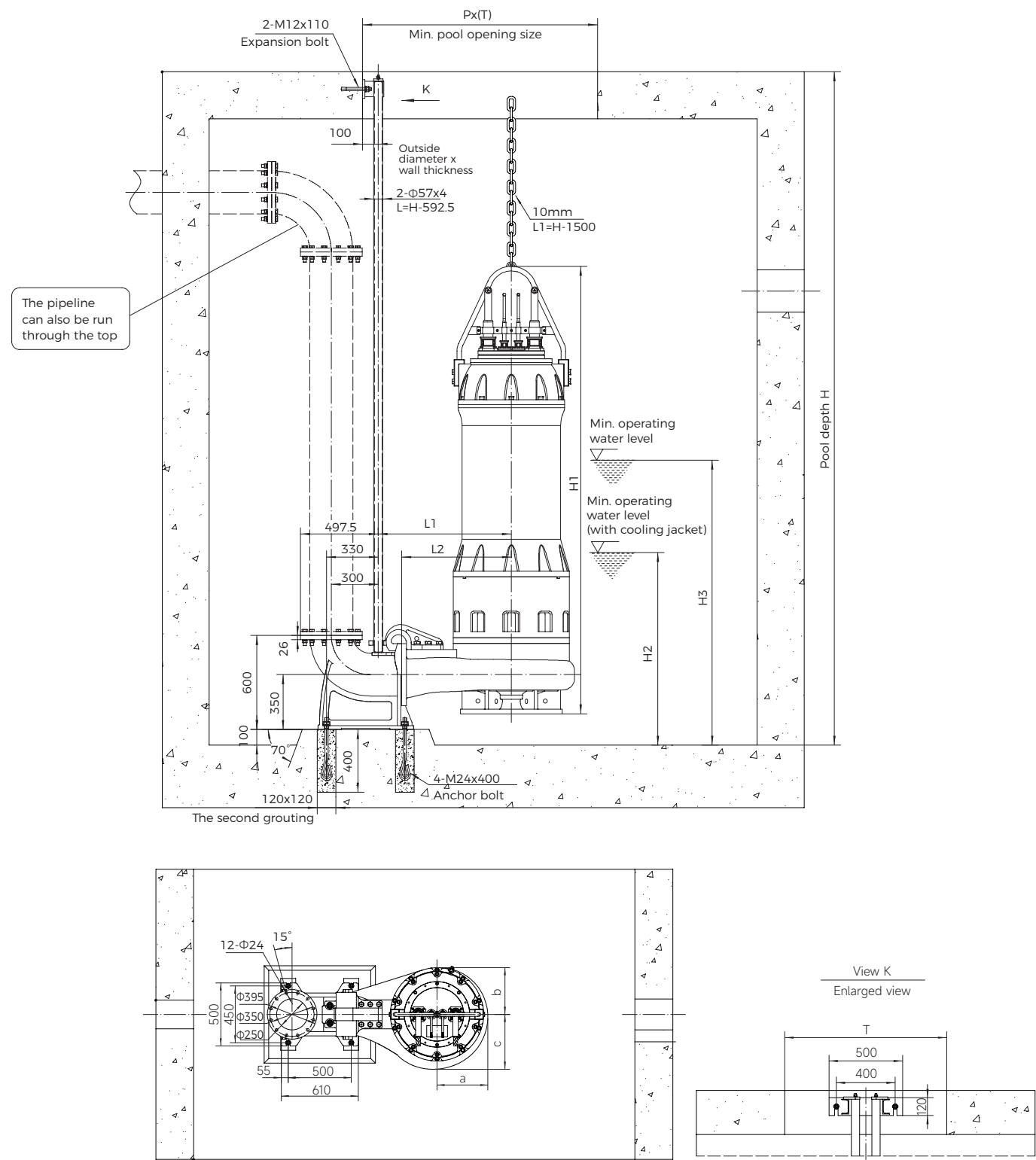
DN200 Outline Installation Dimension Drawing
(Coupling Installation)



DN200 Outline Installation Dimension Table
(Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
40	200WQ360-75-132	2480	1140	1620	830	700	392	376	408	1450×900
41	200WQ300-89-150	2545	1140	1660	830	700	392	376	408	1450×900
42	200WQ350-92-160	2545	1140	1660	830	700	392	376	408	1450×900
43	200WQ400-94-185	2645	1140	1730	830	700	392	376	408	1450×900
44	200WQ450-96-200	2645	1140	1730	830	700	392	376	408	1450×900
45	200WQ500-100-220	2645	1140	1730	830	700	392	376	408	1450×900
46	200WQ300-38-45	2005	980	1370	680	550	318	291	344	1200×900
47	200WQ330-42-55	2105	980	1430	680	550	318	291	344	1200×900
48	200WQ360-45-65	2105	980	1430	680	550	318	291	344	1200×900
49	200WQ400-47-75	2105	980	1430	680	550	318	291	344	1200×900
50	200WQ450-50-90	2205	980	1500	680	550	318	291	344	1200×900
51	200WQ500-53-110	2205	980	1500	680	550	318	291	344	1200×900
52	200WQ400-30-55	2105	980	1430	630	500	302	303	335	1200×900
53	200WQ450-32-65	2105	980	1430	630	500	302	303	335	1200×900
54	200WQ500-35-75	2105	980	1430	630	500	302	303	335	1200×900
55	200WQ300-18-22	1720	910	1210	580	450	303	258	351	1100×900
56	200WQ350-19-30	1820	910	1280	580	450	303	258	351	1100×900
57	200WQ400-20-37	1820	910	1280	580	450	303	258	351	1100×900
58	200WQ450-22-45	1820	910	1280	580	450	303	258	351	1100×900
59	200WQ500-24-55	1920	910	1340	580	450	303	258	351	1100×900
60	200WQ250-11-11	1730	940	1220	580	450	251	258	286	1050×800
61	200WQ300-12-15	1730	940	1220	580	450	251	258	286	1050×800
62	200WQ350-13-18.5	1730	940	1220	580	450	251	258	286	1050×800
63	200WQ400-14-22	1730	940	1220	580	450	251	258	286	1050×800
64	200WQ450-15-25	1830	940	1290	580	450	251	258	286	1050×800
65	200WQ500-16-30	1830	940	1290	580	450	251	258	286	1050×800

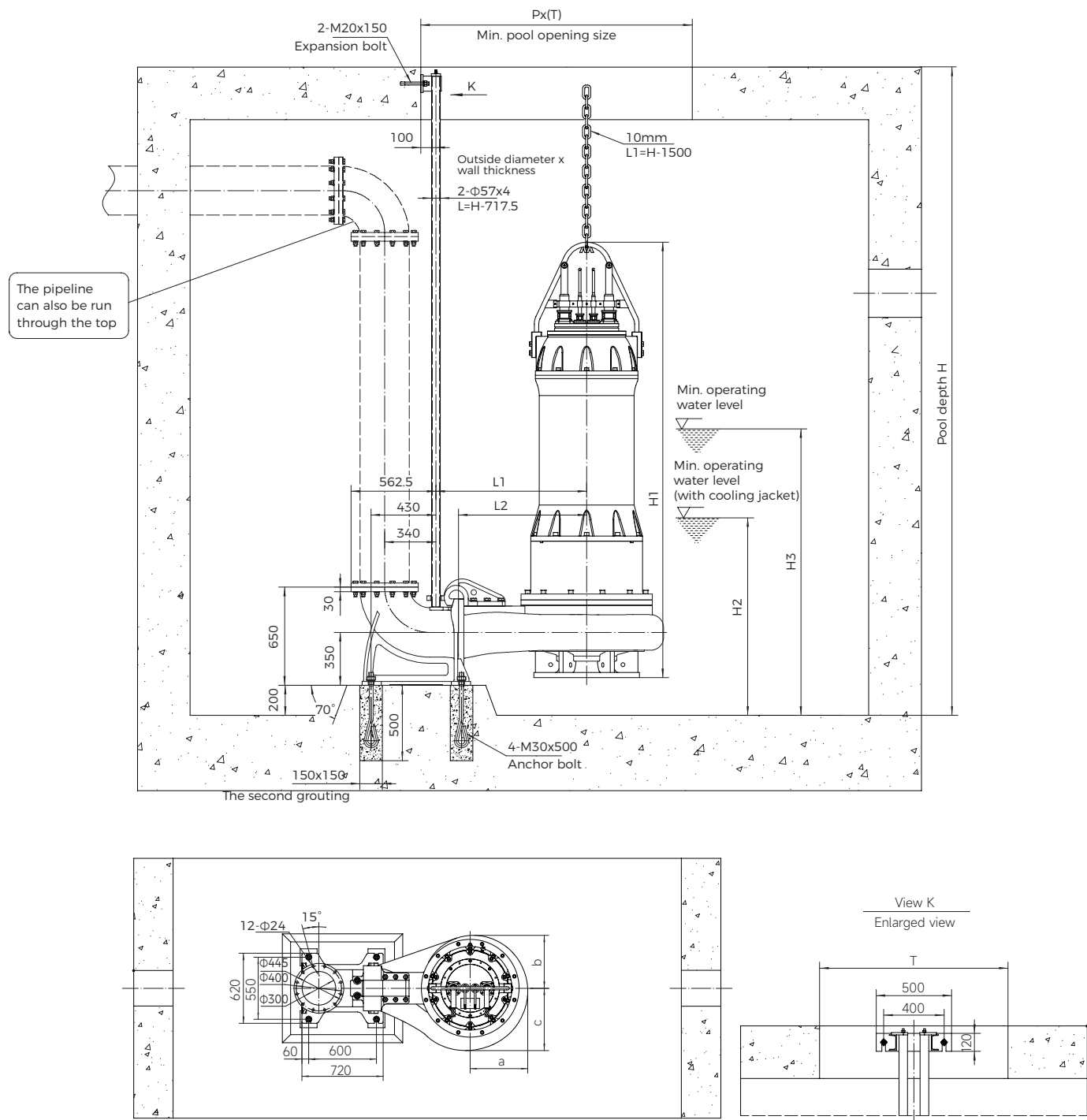
DN250 Outline Installation Dimension Drawing
 (Coupling Installation)



DN250 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
66	250WQ700-94-315	3140	1230	2010	850	700	427	410	444	1500×1100
67	250WQ750-100-355	3140	1230	2010	850	700	427	410	444	1500×1100
68	250WQ550-57-132	2520	1230	1640	850	700	403	370	435	1500×1100
69	250WQ600-60-160	2620	1230	1710	850	700	403	370	435	1500×1100
70	250WQ650-63-185	2720	1230	1780	850	700	403	370	435	1500×1100
71	250WQ700-67-200	2720	1230	1780	850	700	403	370	435	1500×1100
72	250WQ750-70-220	2860	1230	1810	850	700	403	370	435	1500×1100
73	250WQ800-73-250	2960	1230	1880	850	700	403	370	435	1500×1100
74	250WQ850-76-280	3060	1230	1940	850	700	403	370	435	1500×1100
75	250WQ900-80-315	3160	1230	2010	850	700	403	370	435	1500×1100
76	250WQ550-37-90	2390	1230	1580	750	600	356	325	395	1400×1100
77	250WQ600-40-100	2390	1230	1580	750	600	356	325	395	1400×1100
78	250WQ650-42-110	2390	1230	1580	750	600	356	325	395	1400×1100
79	250WQ700-45-132	2490	1230	1640	750	600	356	325	395	1400×1100
80	250WQ800-46-160	2590	1230	1710	750	600	356	325	395	1400×1100
81	250WQ550-26-65	2210	1110	1460	750	600	393	332	454	1400×1100
82	250WQ600-27-75	2210	1110	1460	750	600	393	332	454	1400×1100
83	250WQ700-30-90	2310	1110	1520	750	600	393	332	454	1400×1100
84	250WQ800-33-110	2400	1230	1600	750	600	393	332	454	1400×1100
85	250WQ900-35-132	2500	1230	1670	750	600	393	332	454	1400×1100
86	250WQ500-5-11	1800	1000	1290	650	500	296	258	339	1200×1000
87	250WQ550-7-15	1800	1000	1290	650	500	296	258	339	1200×1000
88	250WQ600-8-18.5	1800	1000	1290	650	500	296	258	339	1200×1000
89	250WQ600-10-22	1800	1000	1290	650	500	296	258	339	1200×1000

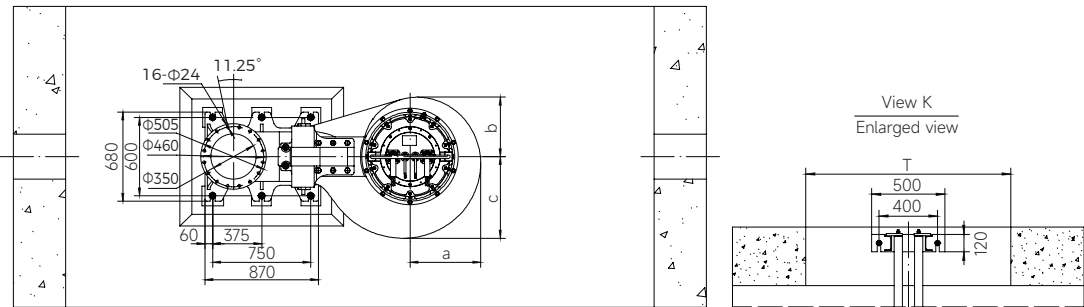
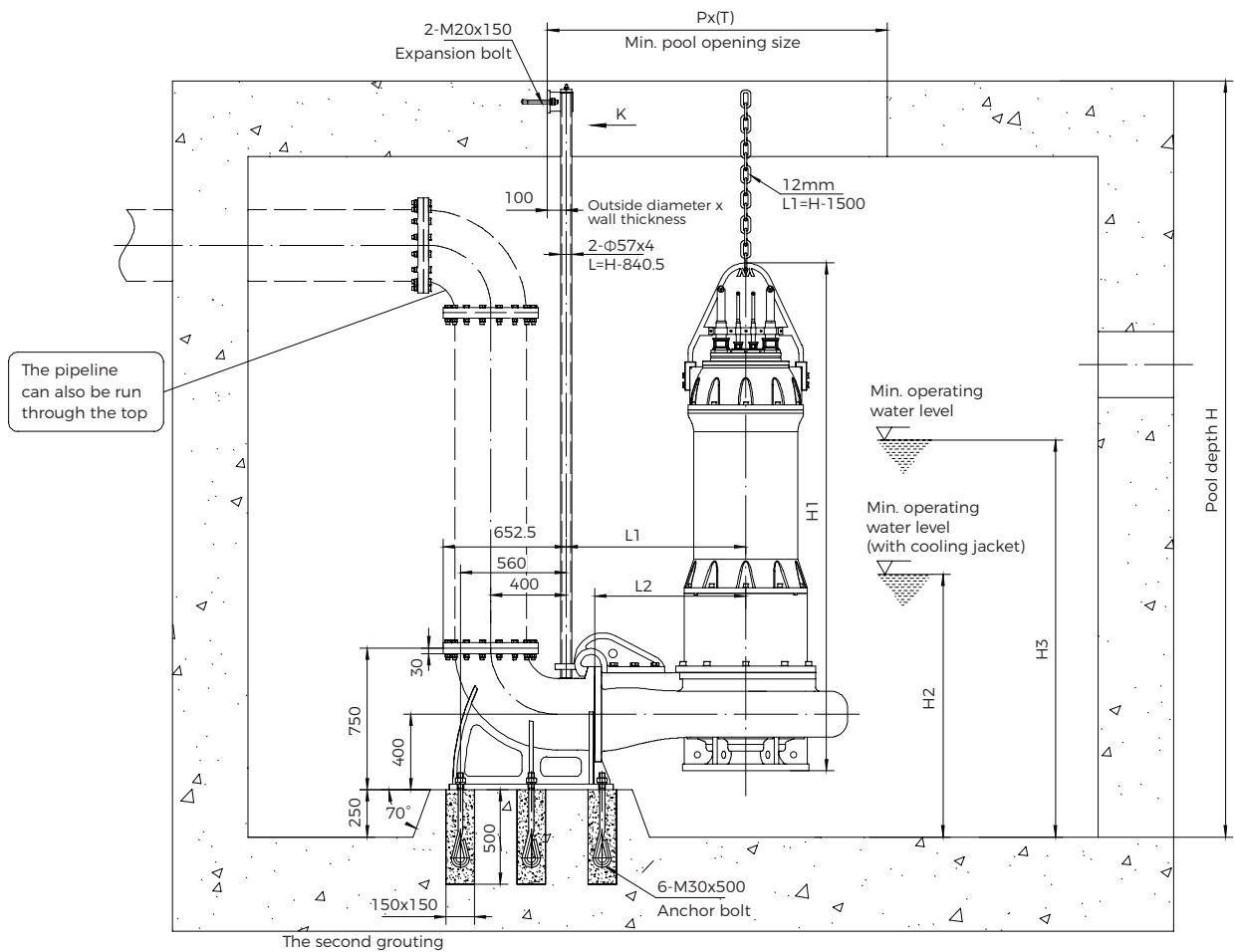
DN300 Outline Installation Dimension Drawing
 (Coupling Installation)



DN300 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
90	300WQ900-47-185	2690	1310	1760	1000	850	510	469	551	1800×1250
91	300WQ1000-50-220	2890	1310	1900	1000	850	510	469	551	1800×1250
92	300WQ1100-53-250	2990	1310	1960	1000	850	510	469	551	1800×1250
93	300WQ1200-56-280	3090	1310	2020	1000	850	510	469	551	1800×1250
94	300WQ1300-60-315	3190	1310	2090	1000	850	510	469	551	1800×1250
95	300WQ1100-35-160	2840	1260	1910	900	750	474	422	526	1600×1200
96	300WQ1200-37-185	2840	1260	1910	900	750	474	422	526	1600×1200
97	300WQ1300-39-200	2840	1260	1910	900	750	474	422	526	1600×1200
98	300WQ1400-42-220	2840	1260	1910	900	750	474	422	526	1600×1200
99	300WQ600-16-45	2160	1170	1550	830	680	461	390	534	1500×1200
100	300WQ700-17-55	2260	1170	1610	830	680	461	390	534	1500×1200
101	300WQ800-19-65	2260	1170	1610	830	680	461	390	534	1500×1200
102	300WQ900-21-75	2260	1170	1610	830	680	461	390	534	1500×1200
103	300WQ1000-23-90	2360	1170	1670	830	680	461	390	534	1500×1200
104	300WQ700-12-37	2150	1150	1540	750	600	368	316	421	1400×1000
105	300WQ800-13-40	2150	1150	1540	750	600	368	316	421	1400×1000
106	300WQ900-14-45	2150	1150	1540	750	600	368	316	421	1400×1000
107	300WQ1000-15-55	2250	1150	1600	750	600	368	316	421	1400×1000
108	300WQ1100-16-65	2250	1150	1600	750	600	368	316	421	1400×1000
109	300WQ1400-63-355	3190	1310	2090	1000	850	510	469	551	1800×1250

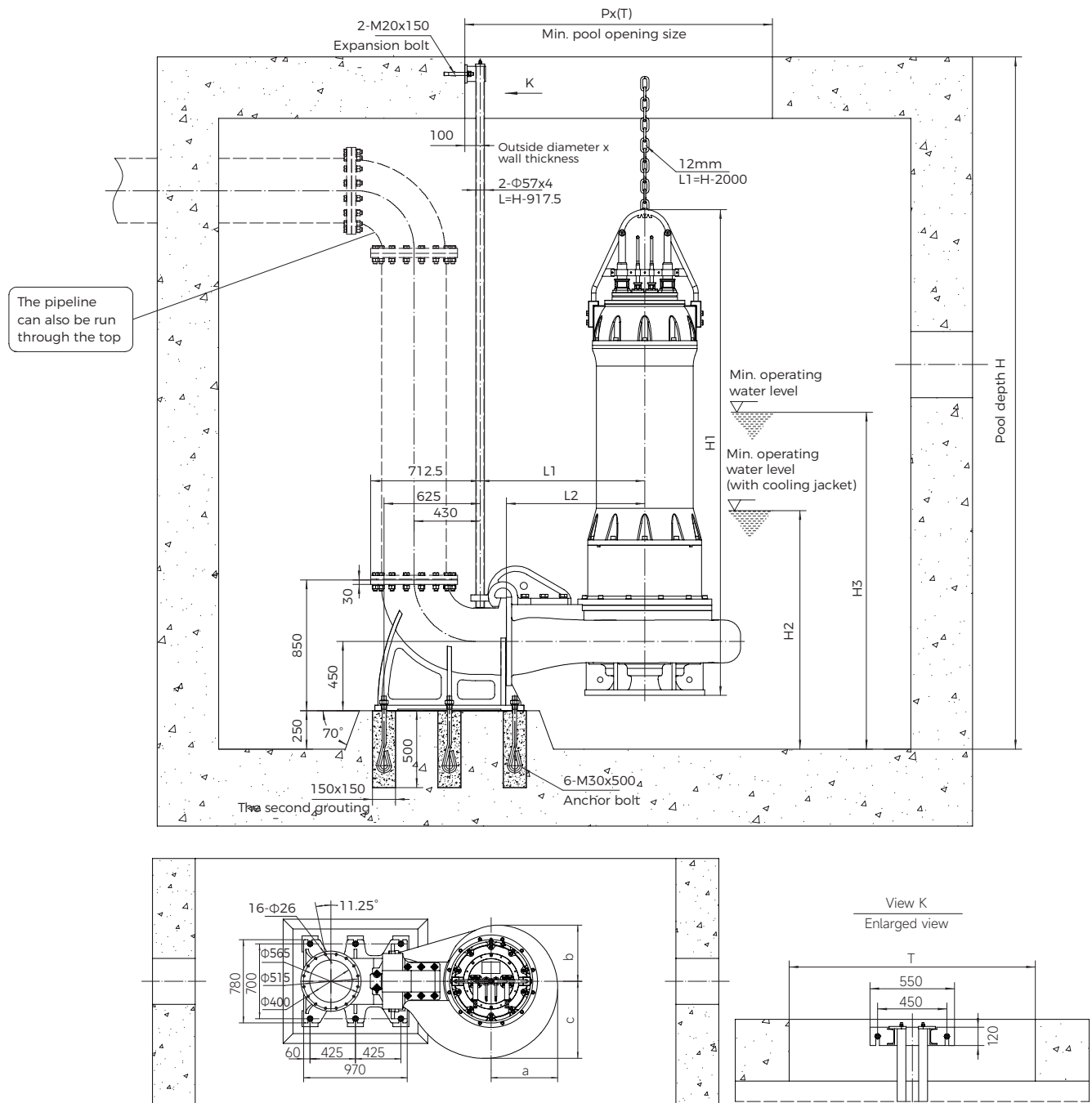
DN350 Outline Installation Dimension Drawing
(Coupling Installation)



DN350 Outline Installation Dimension Table
(Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
110	350WQ1500-68-450	3450	1390	2460	1100	950	589	542	636	2000×1500
111	350WQ1600-72-500	3550	1390	2520	1100	950	589	542	636	2000×1500
112	350WQ1800-76-560	3550	1390	2520	1100	950	589	542	636	2000×1500
113	350WQ2000-80-680	3650	1390	2590	1100	950	589	542	636	2000×1500
114	350WQ1600-43-250	2990	1390	2060	1000	850	536	478	595	1800×1400
115	350WQ1700-46-280	3090	1390	2120	1000	850	536	478	595	1800×1400
116	350WQ1800-48-315	3190	1390	2190	1000	850	536	478	595	1800×1400
117	350WQ1900-50-355	3190	1390	2190	1000	850	536	478	595	1800×1400
118	350WQ1100-24-100	2490	1390	1810	950	800	539	455	623	1800×1400
119	350WQ1200-26-110	2490	1390	1810	950	800	539	455	623	1800×1400
120	350WQ1300-27-132	2590	1390	1870	950	800	539	455	623	1800×1400
121	350WQ1400-29-160	2690	1390	1950	950	800	539	455	623	1800×1400
122	350WQ1600-31-185	2690	1390	1950	950	800	539	455	623	1800×1400
123	350WQ1200-17-75	2420	1390	1780	850	700	424	364	485	1500×1200
124	350WQ1300-18-90	2520	1390	1850	850	700	424	364	485	1500×1200
125	350WQ1400-19-110	2520	1390	1850	850	700	424	364	485	1500×1200
126	350WQ1600-21-132	2620	1390	1910	850	700	424	364	485	1500×1200
127	350WQ1800-23-160	2720	1390	1980	850	700	424	364	485	1500×1200
128	350WQ900-4-15	1750	1160	1390	770	620	487	416	544	1600×1300
129	350WQ900-5-18.5	1750	1160	1390	770	620	487	416	544	1600×1300
130	350WQ1000-5-22	1750	1160	1390	770	620	487	416	544	1600×1300
131	350WQ1100-6-25	1850	1160	1450	770	620	487	416	544	1600×1300
132	350WQ1200-6-30	1850	1160	1450	770	620	487	416	544	1600×1300
133	350WQ1400-7-37	1920	1160	1440	770	620	487	416	544	1600×1300
134	350WQ1500-8-45	2020	1160	1500	770	620	487	416	544	1600×1300

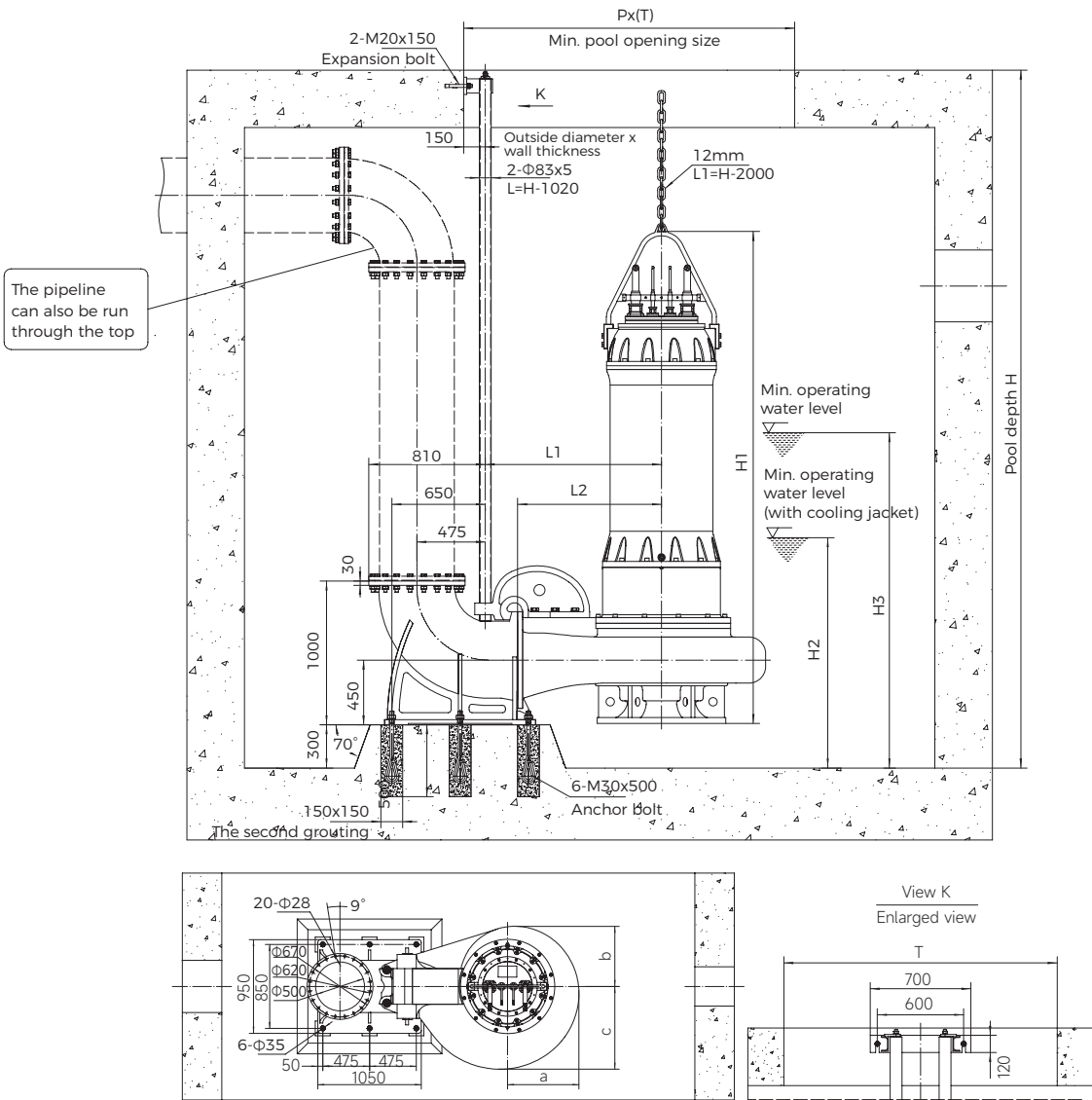
DN400 Outline Installation Dimension Drawing
 (Coupling Installation)



DN400 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
135	400WQ1700-32-220	2960	1550	2070	1070	900	623	525	721	2000×1600
136	400WQ1800-34-250	3060	1550	2130	1070	900	623	525	721	2000×1600
137	400WQ2000-35-280	3160	1550	2190	1070	900	623	525	721	2000×1600
138	400WQ2300-37-315	3260	1550	2260	1070	900	623	525	721	2000×1600
139	400WQ2500-40-355	3260	1550	2260	1070	900	623	525	721	2000×1600
140	400WQ2000-24-185	2790	1550	1960	970	800	491	422	562	1800×1300
141	400WQ2200-26-220	2990	1550	2110	970	800	491	422	562	1800×1300
142	400WQ2400-28-250	3090	1550	2170	970	800	491	422	562	1800×1300
143	400WQ2500-30-280	3190	1550	2230	970	800	491	422	562	1800×1300
144	400WQ1700-12-75	2370	1360	1820	970	800	547	478	603	1800×1400
145	400WQ1800-14-90	2470	1360	1880	970	800	547	478	603	1800×1400
146	400WQ2000-15-110	2560	1440	1880	970	800	547	478	603	1800×1400
147	400WQ2300-16-132	2660	1440	1940	970	800	547	478	603	1800×1400
148	400WQ2500-18-160	2760	1440	2010	970	800	547	478	603	1800×1400
149	400WQ1700-8.5-55	2180	1190	1620	830	660	538	460	600	1600×1400
150	400WQ1800-9-65	2180	1190	1620	830	660	538	460	600	1600×1400
151	400WQ2000-10-75	2180	1190	1620	830	660	538	460	600	1600×1400

DN500 Outline Installation Dimension Drawing
 (Coupling Installation)

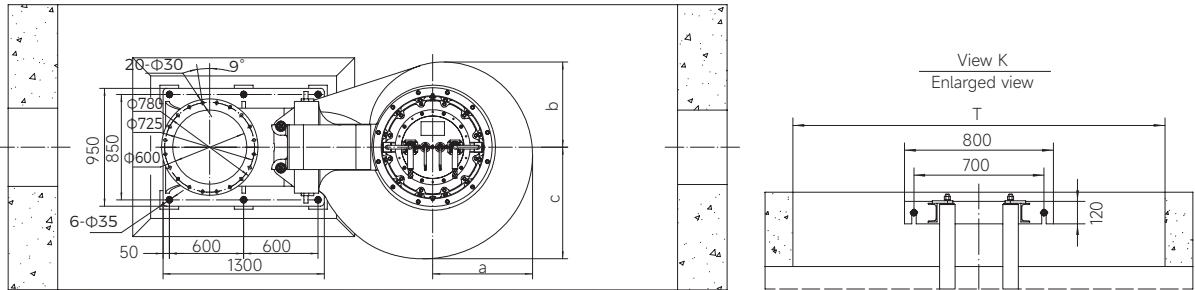
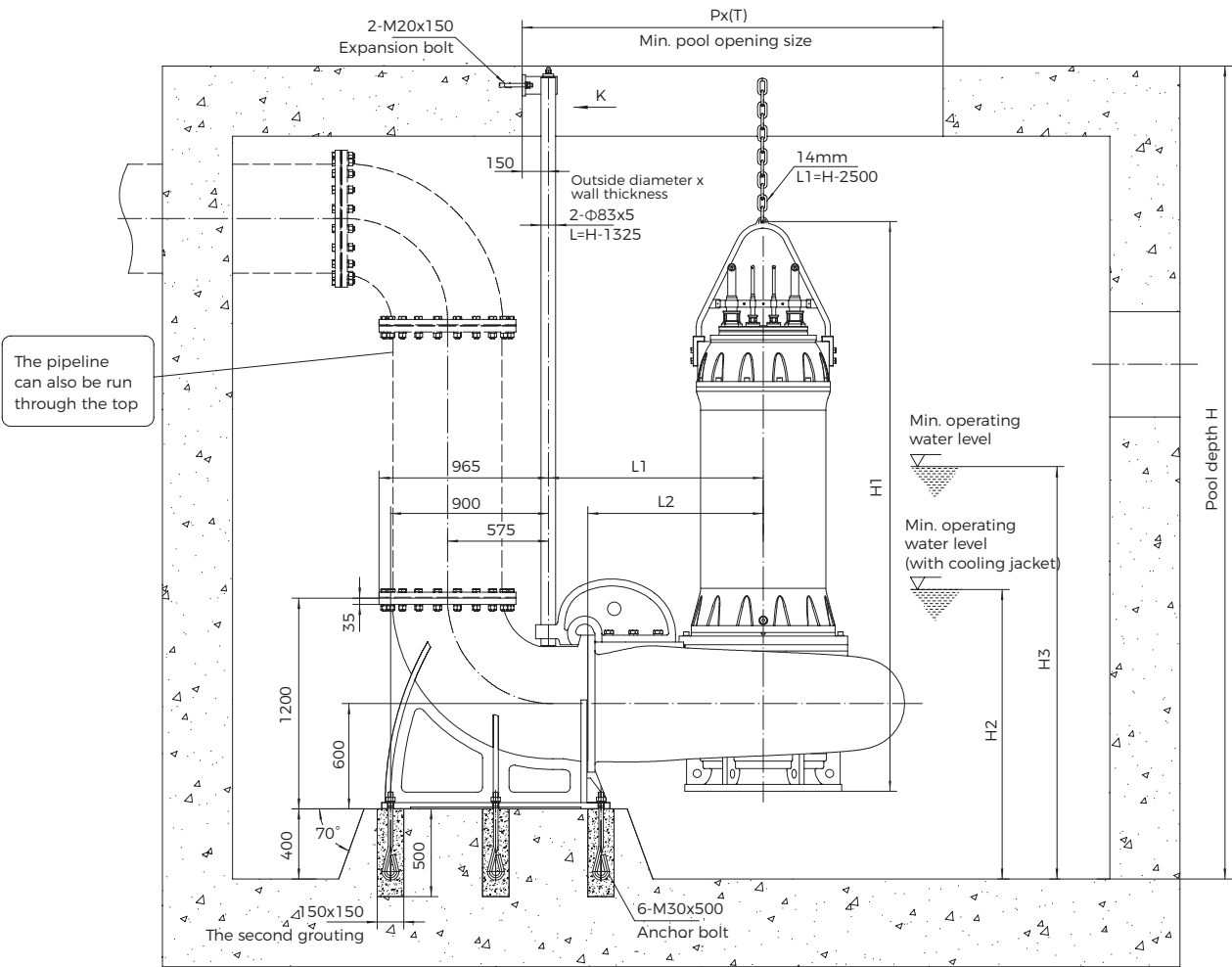


No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
152	500WQ2100-52-400	3490	1600	2350	1325	1100	626	559	696	2300×1600
153	500WQ2300-54-500	3630	1600	2740	1325	1100	626	559	696	2300×1600
154	500WQ2500-56-630	3730	1600	2810	1325	1100	626	559	696	2300×1600
155	500WQ3000-60-700	3770	1600	2910	1325	1100	626	559	696	2300×1600
156	500WQ3500-64-900	3770	1600	2910	1325	1100	626	559	696	2300×1600
157	500WQ2000-16-132	2770	1600	1940	1225	1000	724	610	839	2300×1900
158	500WQ2200-18-160	2770	1600	1940	1225	1000	724	610	839	2300×1900

DN500 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
159	500WQ2400-20-185	2870	1600	2000	1225	1000	724	610	839	2300×1900
160	500WQ2500-22-220	3070	1600	2130	1225	1000	724	610	839	2300×1900
161	500WQ2600-25-250	3320	1600	2260	1225	1000	724	610	839	2300×1900
162	500WQ2800-28-280	3320	1600	2260	1225	1000	724	610	839	2300×1900
163	500WQ3000-30-315	3420	1600	2330	1225	1000	724	610	839	2300×1900
164	500WQ3100-31-355	3420	1600	2330	1225	1000	724	610	839	2300×1900
165	500WQ3500-32-400	3420	1600	2330	1225	1000	724	610	839	2300×1900
166	500WQ3600-36-450	3670	1600	2830	1325	1100	811	684	940	2500×2100
167	500WQ3800-37-500	3670	1600	2830	1325	1100	811	684	940	2500×2100
168	500WQ4000-38-560	3670	1600	2830	1325	1100	811	684	940	2500×2100
169	500WQ4000-42-600	3770	1600	2900	1325	1100	811	684	940	2500×2100
170	500WQ3300-36-450	3700	1600	2800	1225	1000	724	610	839	2300×1900
171	500WQ3500-40-500	3700	1600	2800	1225	1000	724	610	839	2300×1900
172	500WQ3700-46-630	3800	1600	2900	1225	1000	724	610	839	2300×1900
173	500WQ4000-50-680	3800	1600	2900	1225	1000	724	610	839	2300×1900
174	500WQ1600-10-65	2565	1600	1900	1225	1000	724	610	839	2300×1900
175	500WQ1750-11-75	2565	1600	1900	1225	1000	724	610	839	2300×1900
176	500WQ2000-13-90	2665	1600	1960	1225	1000	724	610	839	2300×1900
177	500WQ2000-14-110	2765	1600	2020	1225	1000	724	610	839	2300×1900
178	500WQ2100-16-132 (Reduction)	2870	1600	2010	1225	1000	724	610	839	2300×1900
179	500WQ2200-18-160 (Reduction)	2970	1600	2070	1225	1000	724	610	839	2300×1900
180	500WQ2400-20-185 (Reduction)	3070	1600	2130	1225	1000	724	610	839	2300×1900
181	500WQ2500-17-160	2820	1600	1980	1225	1000	615	528	703	2200×1600
182	500WQ2800-18-185	2920	1600	2040	1225	1000	615	528	703	2200×1600
183	500WQ3100-19-220	3120	1600	2180	1225	1000	615	528	703	2200×1600
184	500WQ3300-20-250	3370	1600	2310	1225	1000	615	528	703	2200×1600
185	500WQ3500-22-280	3370	1600	2310	1225	1000	615	528	703	2200×1600
186	500WQ3600-23-315	3470	1600	2380	1225	1000	615	528	703	2200×1600
187	500WQ3800-24-355	3470	1600	2380	1225	1000	615	528	703	2200×1600
188	500WQ4000-26-400	3470	1600	2380	1225	1000	615	528	703	2200×1600
189	500WQ2500-5-55	2350	1350	1610	1125	900	694	592	775	2200×1800
190	500WQ3000-6-75	2350	1350	1610	1125	900	694	592	775	2200×1800
191	500WQ3200-7-90	2450	1350	1670	1125	900	694	592	775	2200×1800
192	500WQ3300-8-110	2450	1350	1670	1125	900	694	592	775	2200×1800
193	500WQ3500-9-132	2550	1350	1730	1125	900	694	592	775	2200×1800

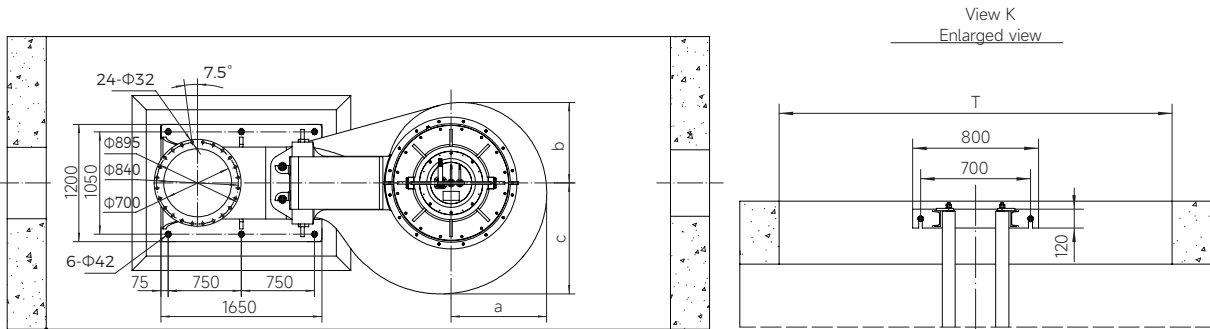
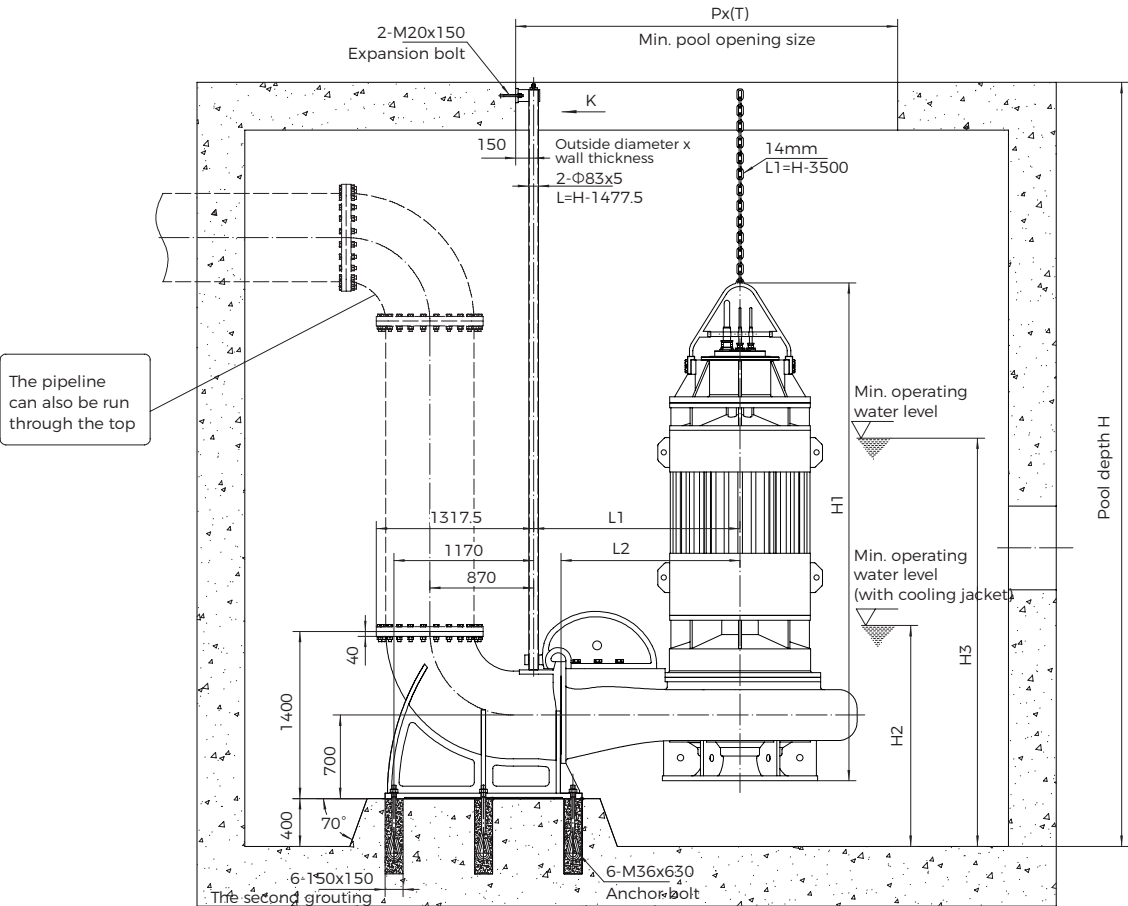
DN600 Outline Installation Dimension Drawing
(Coupling Installation)



DN600 Outline Installation Dimension Table
(Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
194	600WQ4500-43-680	4090	1700	3300	1475	1250	792	691	875	2700×2000
195	600WQ5000-46-800	4090	1700	3300	1475	1250	792	691	875	2700×2000
196	600WQ5500-48-900	4090	1700	3300	1475	1250	792	691	875	2700×2000
197	600WQ4000-10-160	2600	1650	1960	1225	1000	805	688	900	2400×2000
198	600WQ4500-11-200	2800	1650	2080	1225	1000	805	688	900	2400×2000
199	600WQ5000-12-250	3150	1650	2280	1225	1000	805	688	900	2400×2000
200	600WQ5500-13-280	3150	1650	2280	1225	1000	805	688	900	2400×2000
201	600WQ6000-14-315	3250	1650	2350	1225	1000	805	688	900	2400×2000

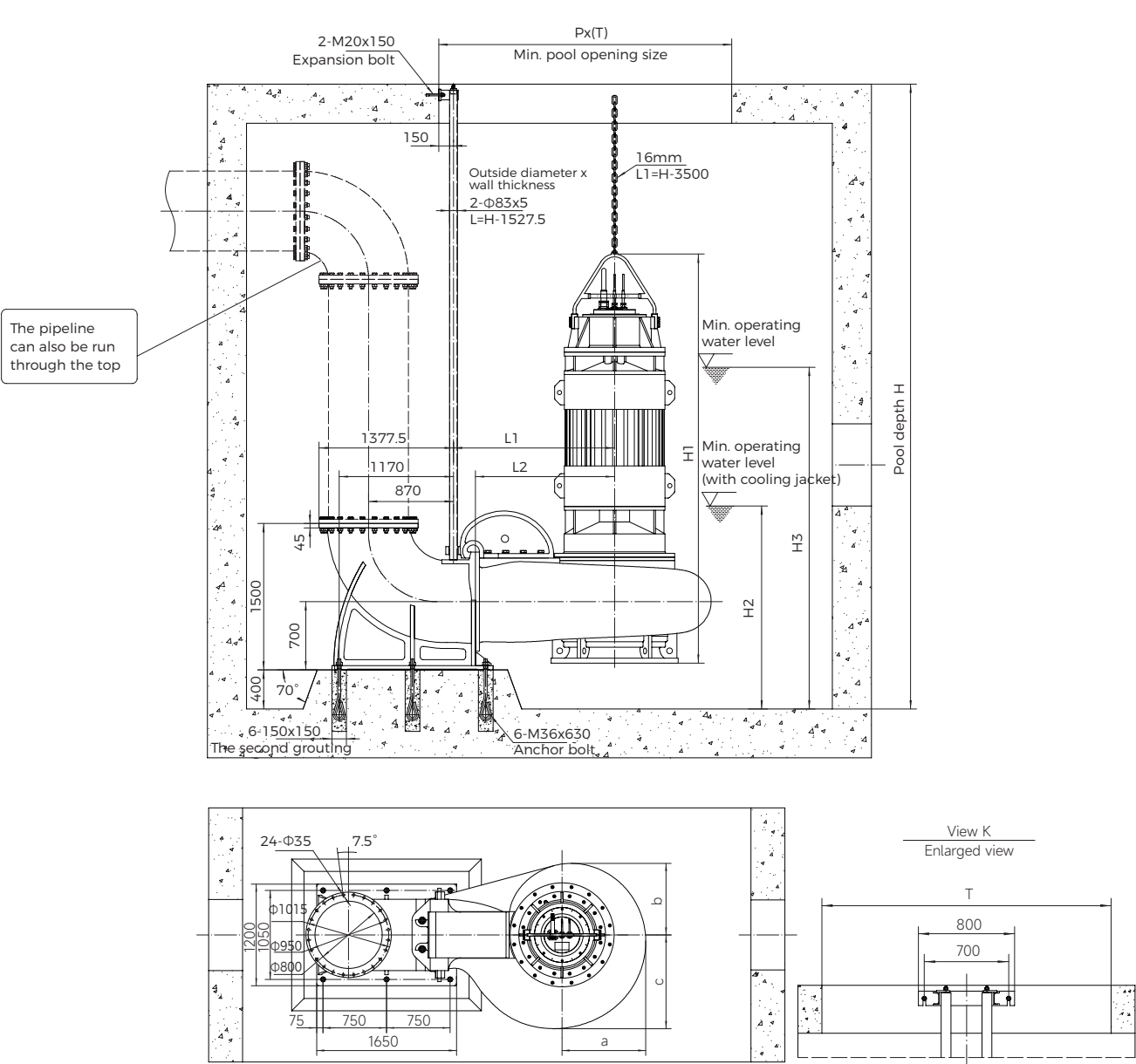
DN700 Outline Installation Dimension Drawing
 (Coupling Installation)



DN700 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
202	700WQ6000-30-630	4070	1850	3350	1730	1500	980	825	1136	3200×2500
203	700WQ6500-31-710	4170	1850	3420	1730	1500	980	825	1136	3200×2500
204	700WQ7000-32-800	4170	1850	3420	1730	1500	980	825	1136	3200×2500
205	700WQ6000-20-450	3930	1850	3250	1660	1430	878	767	970	2900×2200
206	700WQ6500-21-500	3930	1850	3250	1660	1430	878	767	970	2900×2200
207	700WQ7000-23-560	3930	1850	3250	1660	1430	878	767	970	2900×2200
208	700WQ7500-25-630	4030	1850	3320	1660	1430	878	767	970	2900×2200
209	700WQ6500-10-250	3520	1970	2760	1660	1430	878	767	970	2900×2200
210	700WQ7000-11-280	3520	1970	2760	1660	1430	878	767	970	2900×2200

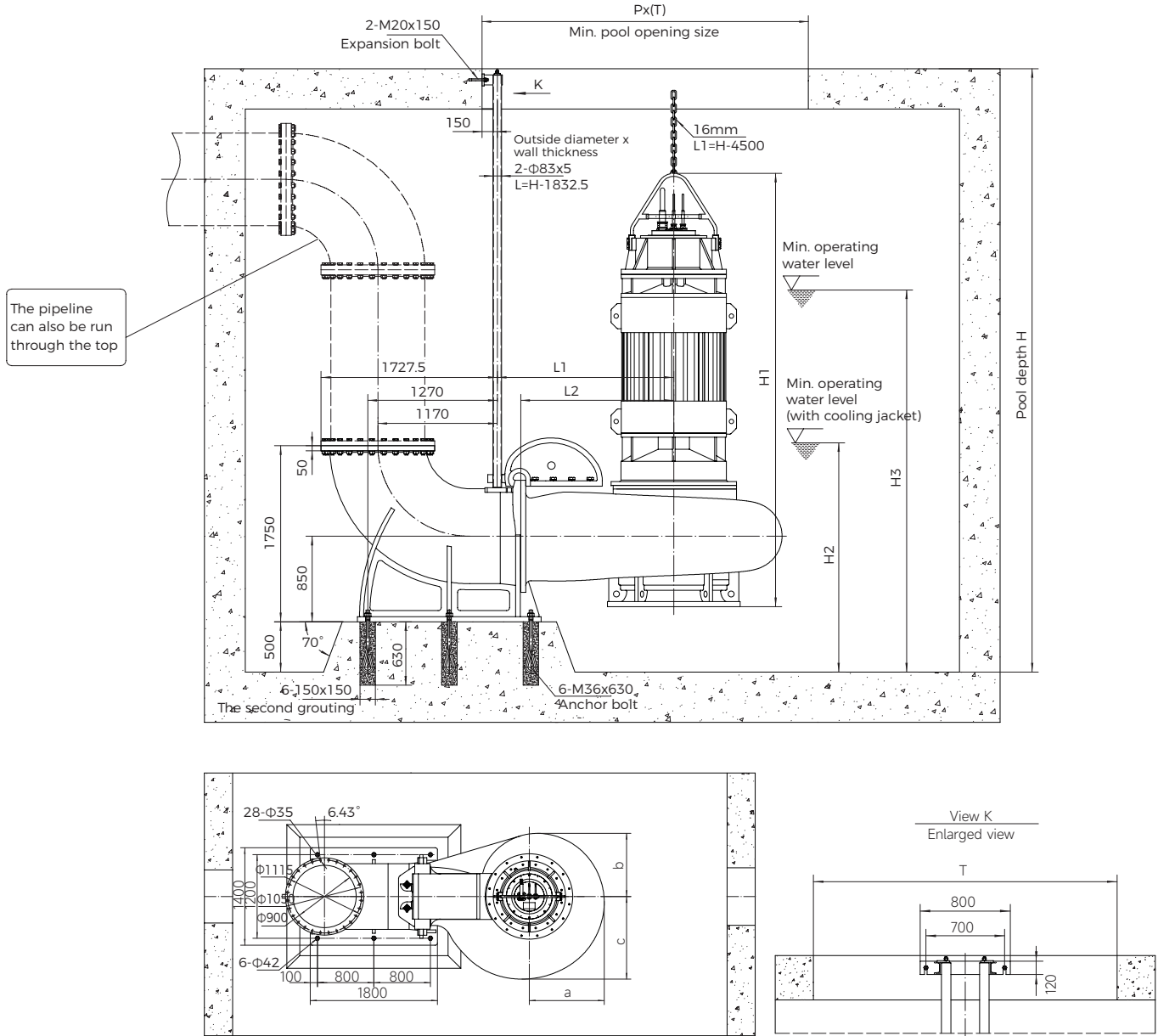
DN800 Outline Installation Dimension Drawing
 (Coupling Installation)



DN800 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
211	800WQ7500-11.5-315	3620	2080	2830	1650	1425	990	845	1106	3000×2400
212	800WQ8000-12-400	4190	2080	3500	1650	1425	990	845	1106	3000×2400
213	800WQ8500-13-450	4190	2080	3500	1650	1425	990	845	1106	3000×2400

DN900 Outline Installation Dimension Drawing
 (Coupling Installation)



DN900 Outline Installation Dimension Table
 (Coupling Installation)

No.	Type	H1	H2	H3	L1	L2	a	b	c	Px(T)
214	900WQ9000-13-500	4310	2280	3800	1730	1500	1062	907	1187	3200×2700
215	900WQ10000-14-560	4310	2280	3800	1730	1500	1062	907	1187	3200×2700

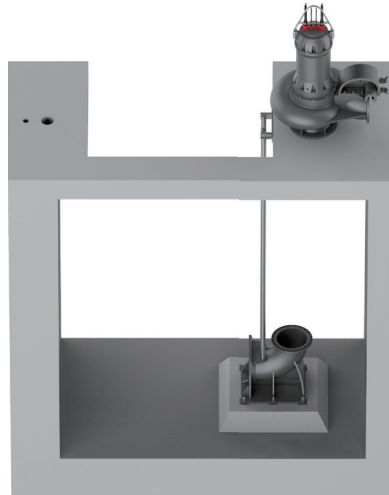
Specification And Dimension Table of Guide Rod and Chain

Discharge aperture	Guide rod specification (seamless steel pipe)	Single guide rod length L = (pool depth H - fixed value k) ± 15mm	Chain specifications	Chain length L1 =pool depth H - fixed value K1
		mm	mm	mm
DN80	Φ57×4	L=(H-315)±15mm	8mm	L1=H-1000
DN100	Φ57×4	L=(H-365)±15mm	10mm	L1=H-1000
DN150	Φ57×4	L=(H-447.5)±15mm	10mm	L1=H-1000
DN200	Φ57×4	L=(H-515)±15mm	10mm	L1=H-1000
DN250	Φ57×4	L=(H-592.5)±15mm	10mm	L1=H-1500
DN300	Φ57×4	L=(H-717.5)±15mm	10mm	L1=H-1500
DN350	Φ57×4	L=(H-840.5)±15mm	12mm	L1=H-1500
DN400	Φ57×4	L=(H-917.5)±15mm	12mm	L1=H-2000
DN500	Φ83×5	L=(H-1020)±15mm	12mm	L1=H-2000
DN600	Φ83×5	L=(H-1325)±15mm	14mm	L1=H-2500
DN700	Φ83×5	L=(H-1477.5)±15mm	14mm	L1=H-3500
DN800	Φ83×5	L=(H-1527.5)±15mm	16mm	L1=H-3500
DN900	Φ83×5	L=(H-1832.5)±15mm	16mm	L1=H-4500
DN1000	Φ83×5	L=(H-1890)±15mm	16mm	L1=H-4500

Note:

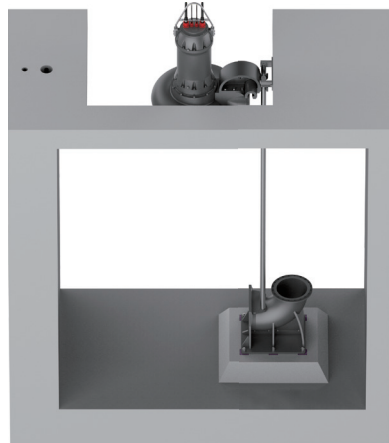
1. Pool depth H is the vertical distance from pool bottom to pool top.
2. Two guide rods are required for submersible sewage pump.

Automatic Coupling Type Installation Process



The first step:

- 1.Put the coupling base into the pool, fixed the anchor bolt, guide rail and guide rail holder.
- 2.Put the submersible sewage pump on the foundation.



The second step:

Stuck the two coupling block onto the 2 rails, and the pump slides down along the rails.



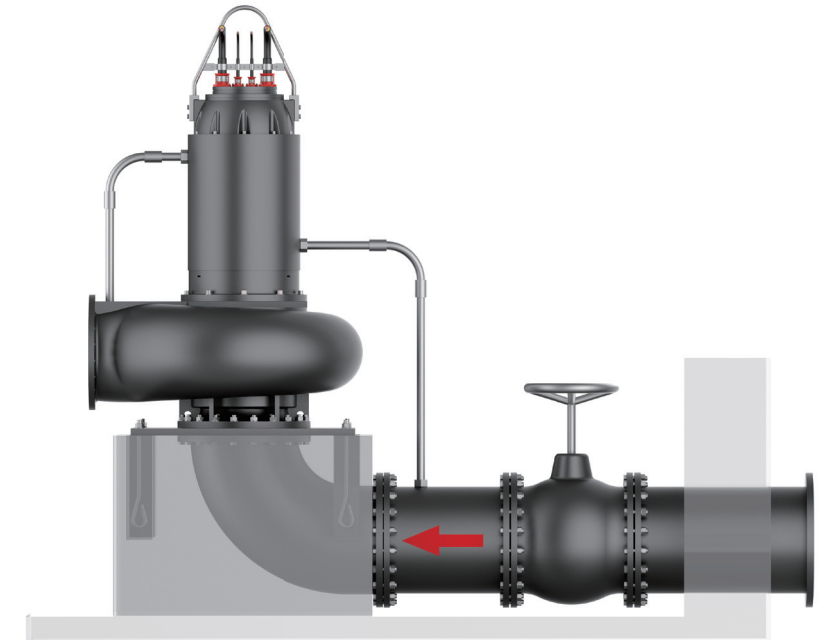
The third step:

When the pump being placed in the proper position,the coupling block is automatically coupled with the coupling base, and the sealing ring is compacted by the pump's own weight.

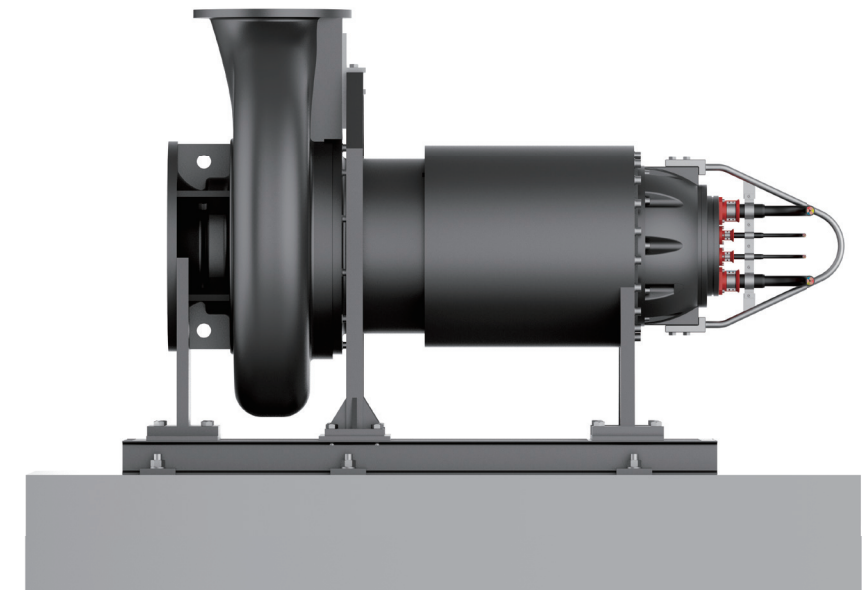
Other Installation Methods

The following four special installation methods need to be customized according to the specific project, Please contact our professional technical team, to provide the specific installation drawing.

Fixed Dry Installation Method



Horizontal Dry Installation Method



Fixed Wet Installation Method



Mobile Installation Method



Product Features

1. Please provide the following information when placing an order:

Pump model or working conditions data: Capacity, Head and Parameters such as efficiency and water level in site need to be met;

Medium: type, temperature, corrosive and other physical or chemical properties;

Parts material (If no specify material, pump will be supplied according to standard material)

Motor requirements: Power, voltage, enclosed class, insulation class, cooling method, anti-explosion or not etc.;

Other display instruments and monitoring equipment requirements, such as pressure gauges, bi-metal thermometers, PT100 temperature resistance, vibration measuring devices, pressure transmitters, etc.

2. Model selection instructions:

The order is not limited by the performance parameters list. Data in the catalogue is only special point parameters. We can design and manufacture the products according to the requirements of users.

3. If you have any queries about special type selection that is beyond content in this pump catalogue (for example, 60Hz or VFD running), please feel free to consult our technical center.

4. Special notice:

The company holds the rights to revise the data in the catalogue without any prior warning. Therefore, users have to contact and confirm with our technical center before making the foundation. Dimension drawings shall come into effect with signature or seal.

PUMP RANGE

Peripheral Pump



Self-Priming Peripheral Pump



Jet Pump



Jet Pump for Deep Wells



Centrifugal Pump



Multistage Centrifugal Pump



Horizontal Multistage Centrifugal Pump



Permanent Magnet Intelligent Booster



Self-Priming Centrifugal Pump



Submersible Pump



Domestic Lifting Station



Pool Pump



Garden Jet Pump



Garden Pressure System



Fountain Pump



Garden Submersible Pump



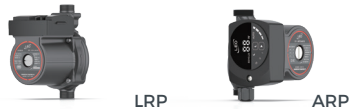
Petrol Lawnmowers



Wall-Mounted Gas Boiler Pump



Circulation Pump



Booster Pump



Stainless Steel Centrifugal Pump



Semi-open Impeller Stainless Steel Centrifugal Pump



Stainless Steel Horizontal Multistage Pump



Intelligent Pressure Booster System



Vertical Multistage Pump



Pressure Booster System



Stainless Steel Standard Centrifugal Pump



Standard Centrifugal Pump



End Suction Centrifugal Pump



Vertical In-line Pump



PUMP RANGE

Submersible Sewage Pump



Submersible Dewatering Pump



Submersible Slurry Pump

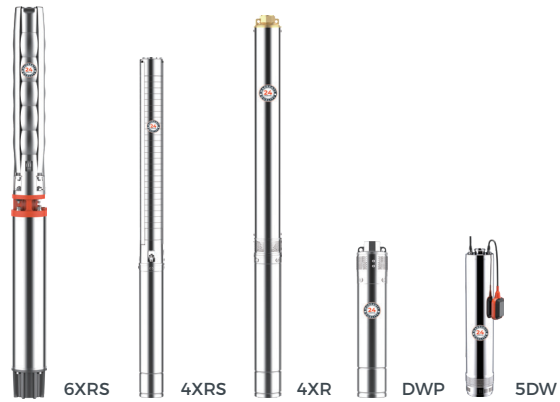


Gasoline/Diesel Water Pump



Submersible Borehole Pump

2", 2.5", 3", 4", 5", 6"



Solar Pumping System

