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PROFESSIONAL IN SERVICES

YIMAN 芝迈®

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VERSION:202411018

SEWAGE PUMP SERIES



COMPANY PROFILE

With the name of "YiMai" means man to make products as art work . Shanghai YiMai Industrial Co., Ltd. was established in 2009. Shanghai Yimai is enterprises combined technology R&D, equipment production and processing, sales and operation services as one of the national-level specialized new small giant, and Shanghai high-tech enterprises, Shanghai famous brand titled, the national 14th five-year major scientific research project undertaking company. Committed to providing customers with product leading "one-stop" comprehensive services and whole process solutions.

Our company has formed the whole industrial chain of water supply and drainage, multi-business coordinated development pattern. The main products are: motor, all kinds of pumps and complete sets of secondary water supply equipment, complete sets of direct drinking water products, modular intelligent integrated water plant, sewage lifting device, oil separation lifting equipment, integrated prefabricated pumping station, kitchen waste disposal equipment, etc.; While making hardware products more refined and stronger, it also established the Digital Research Institute of Yimai to promote the iterative upgrading of industrial intelligence and green, accelerate the deep integration of the new generation of information technology such as the Internet, big data and artificial intelligence with the manufacturing industry, and build a modern industrial system with integrity, advancement and security.

Technology driven, innovation opens the way, Shanghai Yimai and Tongji University to establish the "Tongji University-Shanghai Yimai Practice Education Base", and Tongji University Environmental science and engineering College to establish the "Tongji environment-Yimai joint laboratory", in technology transfer, achievement transformation, technology research and a series of technical research in-depth cooperation. Continue to increase investment in scientific research and technical personnel training.

Adhering to the business philosophy of "focus on improving professional services", Shanghai Yimai continues to provide customers with high-quality products and services, create value, achieve win-win and development, and move towards a better tomorrow together!



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WQ(QW) . JYWQP . WQZG SERIES NON-CLOG SUBMERGED MOTOR PUMPS



WQ(QW) series non-clog portable submerged motor pump



JYWQP submerged sewage pump with auto mix

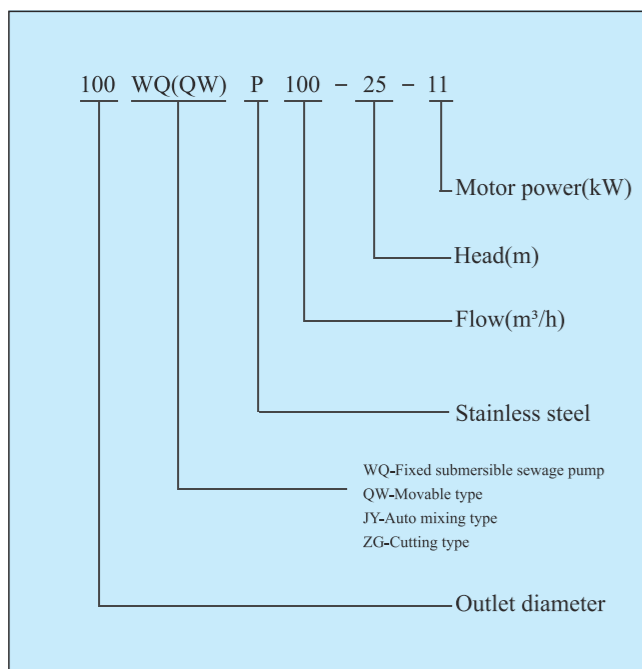


WQZG submerged sewage pump with heavy cutting (selection, electrical power increases a level)

PROFILE

WQ and QW series non-clog submerged motor pumps are strictly designed, manufactured and tested according to relative national standards. They are applicable for commercial wastewater, daily wastewater, drainage system of city wastewater.

MODEL DEFINITION



PUMP FEATURES

- 1.Unique single or double impeller design, greatly improved the ability of dirt through.
- 2.Its mechanical seal uses late-model corrosion-resistant carbon tungsten hard alloy. In addition, seal is upgraded to double-end sealing for long-term operation in oil chamber and safe service of continuously more than 8,000 hours.
- 3.compact overall structure, small volume, low noise, distinctive energy saving, easy maintenance, no need for a pump room, service while being put into water, and low construction cost.
- 4.The sealed oil chamber of this pump is provided with high-precision anti-interference water leakage detection sensor. That is to say, athermosensitive element is pre-embedded inside stator windings to effect full protection to pump motor.
5. A full automatic safety protection control cabinet is available if required to fully prevent pump from water leakage, electric leakage, over load and excessive temperature and so on. In this way, the safety and reliability is greatly enhanced.
- 6.The float ball switch may automatically control the star and stop of pump responding to the changes of required liquid level. It is fairly easy to use with no need for a special person to care about it.
- 7.Double-guide automatic coupling installation system is available if required, making installation and maintenance much convenient, so that there is no need for a person to go into sewage pit.
- 8.Two different installation types, fixed automatic coupling installation system and portable free installation system.

APPLICABILITY

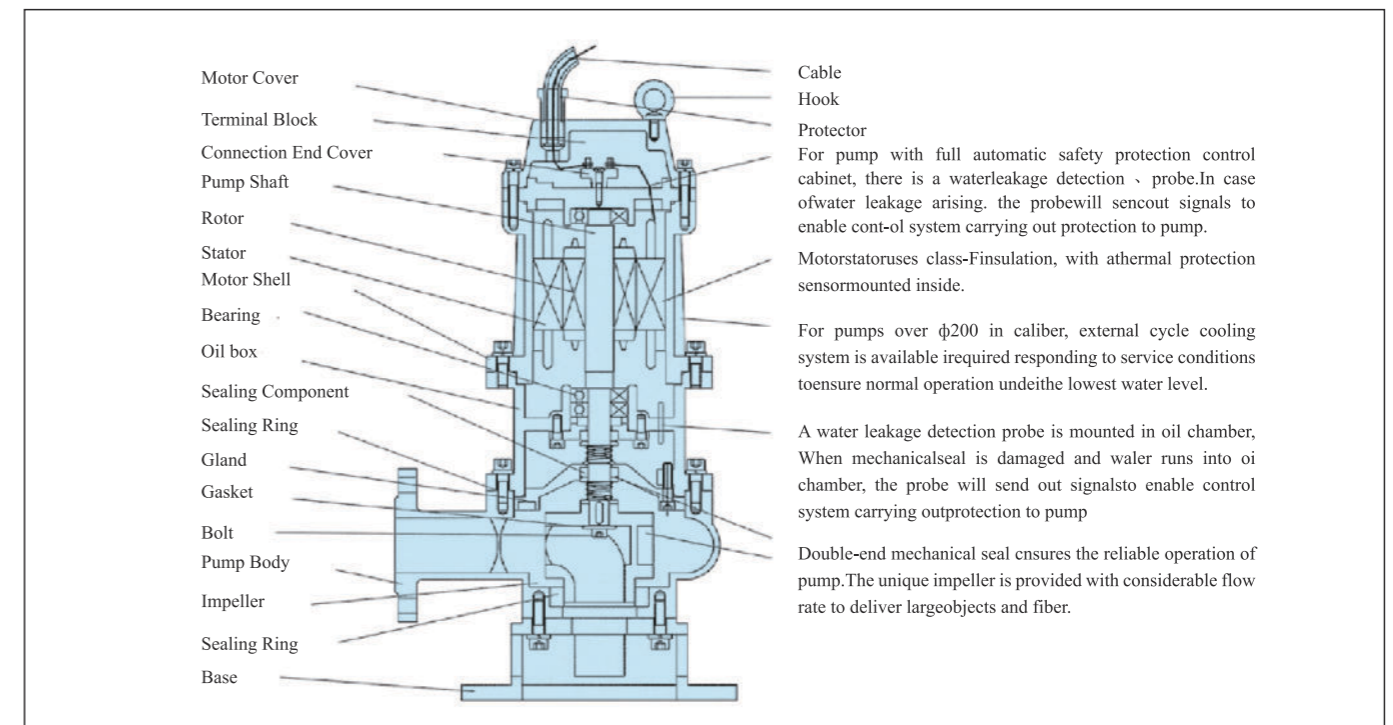
WQ(QW)、JYWQP and WQZG series non-clog submerged motor pumps are applicable for the discharge of seriously polluted wastewater in factories and commercial sites, sewage draining station in residential area, drainage system in city wastewater treatment plant, draining station for civil defense, water supply in tap water plant, sewage discharge in hospitals and hotels, construction sites of municipal projects, exploration, mines, rural methane pool, agricultural irrigation etc. to deliver wastewater and pollutants containing granules, as well as clean water and corrosive mediums.

OPERATING CONDITIONS

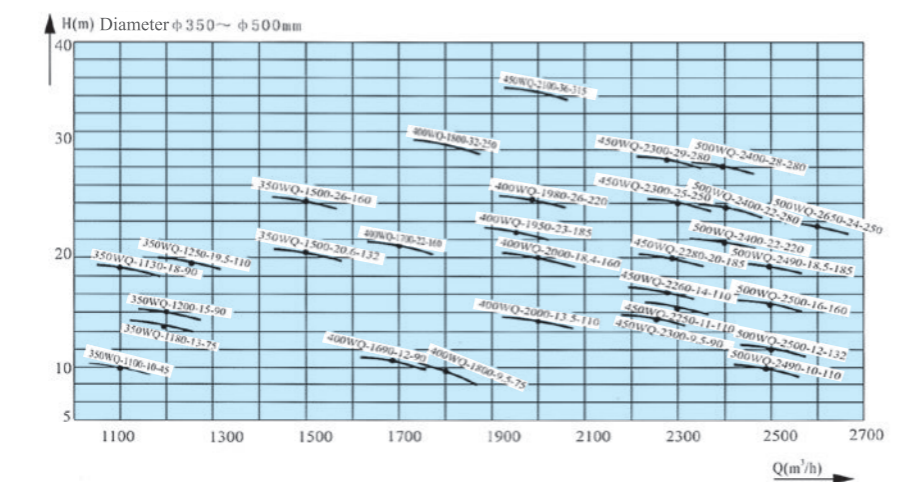
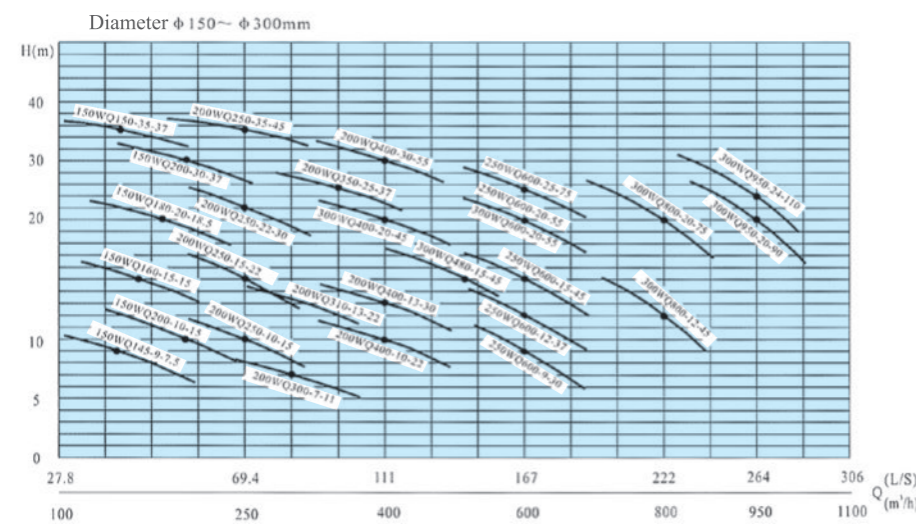
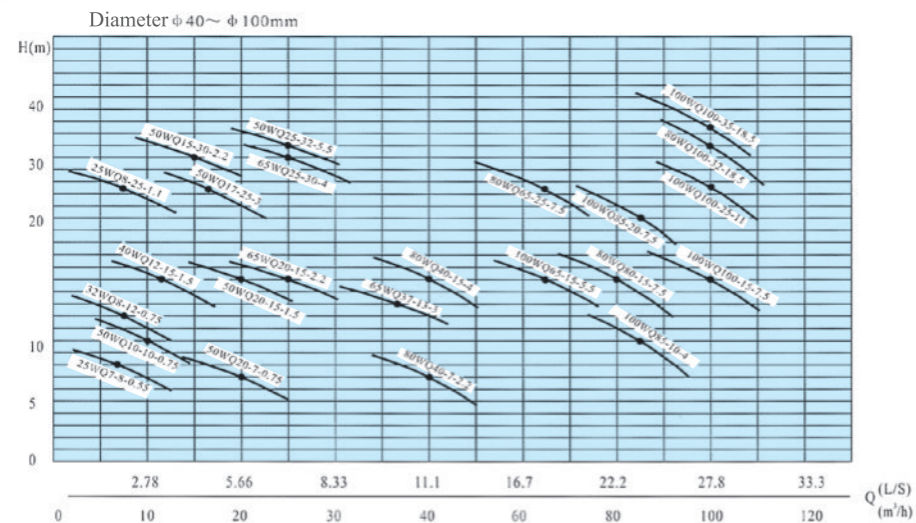
- A、Medium temperature not exceeding 40°C and medium weight from 1-1.3.
- B、For pumps without internal artesian cycle cooling system, the revealed part of motor above liquid should not exceed 1/3.
- C、The applicable scope of cast-iron material is from PH5-9.
- D、For 1Cr18Ni9Ti stainless steel material, ordinary corrosive mediums may be used.
- E、The height above sea level of service location should not exceed 1,000 meters. If beyond, clarify when placing an order for our convenience to provide you with more reliable products.

Note: If there are special requirements on temperature and mediums, please clarify the detail of the medium to deliver when placing an order for our convenience to provide you with more reliable products.

STRUCTURE DRAWING OF PUMP



CURVE DIAGRAM OF WQ AND QW PUMPS



Note: The QW, YW, LW (WL), GWI line diagrams are the same as the WQ type

WQ(QW), JYWQP, WQZG PERFORMANCE PARAMETERS

Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling
40	40WQ(QW)12-15-1.5	8.5	17	2900	1.5	52	GAK-40
		12	15			54	
		15	13.5			54	
50	50WQ(QW)20-7-0.75	14	8	2900	0.75	49	GAK-50
		20	7			51	
		24	5.5			50	
	50WQ(QW)10-10-0.75	7	12	2900	0.75	49	
		10	10			52	
		12	8			50	
	50WQ(QW)15-15-1.5	10.5	17	2900	1.5	50	
		15	15			53	
		18	13			51	
	50WQ(QW)25-15-2.2	17.5	17.5	2900	2.2	52	
		25	15			54	
		30	13.5			53	
	50WQ(QW)42-9-2.2	30	12.5	2900	2.2	46	
		42	9			49	
		50	7			47.5	
	50WQ(QW)15-22-2.2	10	24	2900	2.2	52	
		15	22			55	
		18	20			54	
50WQ(QW)15-30-3	10.5	32.5	2900	3	50		
	15	30			52		
	18	28			51		
50WQ(QW)40-15-4	28	18	2900	4	57		
	40	15			60		
	48	13			59		
50WQ(QW)25-32-5.5	17.5	35	2900	5.5	55		
	25	32			58		
	30	30			57		
50WQ(QW)20-40-7.5	14	42	2900	7.5	56		
	20	40			59		
	24	38			59		
65	65WQ(QW)25-15-2.2	17.5	17.5	2900	2.2	48	GAK-65
		25	15			50	
		30	13.5			50	
	65WQ(QW)37-13-3	26	15	2900	3	53	
		37	13			57	
		44	11			56	
	65WQ(QW)25-30-4	17.5	33	2900	4	56	
		25	30			61	
		30	28			58	
65WQ(QW)30-30-5.5	21	32	2900	5.5	54		
	30	30			60		
	36	27			57		

Note: WQZG sewage pump with heavy cutting, selection, electrical power increases a level, the maximum power 18.5kW

WQ(QW), JYWQP, WQZG PERFORMANCE PARAMETERS

Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling		
65	65WQ(QW)30-40-7.5	21	43	2900	7.5	50	GAK-65		
		30	40			56			
		36	36			52			
	65WQ(QW)35-50-11	25	53	2900	11	42			
		35	50			45			
		42	48			44			
	65WQ(QW)35-60-15	25	62	2900	15	61			
		35	60			65			
		42	57			62			
80	80WQ(QW)40-9-2.2	28	10.5	2900	2.2	55	GAK-80		
		40	9			59			
		48	7			58			
	80WQ(QW)43-13-3	30	16	2900	3	65			
		43	13			70			
		52	11			68			
	80WQ(QW)50-10-3	35	11.5	2900	3	67			
		50	10			71			
		60	8			70			
	80WQ(QW)40-15-4	28	18	2900	4	58			
		40	15			61			
		48	13			61			
	80WQ(QW)50-20-5.5	35	23	2900	5.5	62			
		50	20			67			
		60	18			64			
	80WQ(QW)65-25-7.5	46	28	2900	7.5	60			
		65	25			63			
		78	22			61			
	80WQ(QW)50-45-15	35	48	2900	15	60			
		50	45			62			
		60	40			61			
	100	100WQ(QW)70-7-3	49	10	1450	3		70	GAK-100
			70	7				74	
			84	5.5				72	
100WQ(QW)85-10-4		60	13	1450	4	67			
		85	10			72			
			8			69			
100WQ(QW)65-15-5.5		46	17	1450	5.5	60			
		65	15			65			
		78	13			62			
100WQ(QW)100-15-7.5		70	17	1450	7.5	60			
			15			63			
			12			59			
100WQ(QW)85-20-7.5		60	23	1450	7.5	71			
		85	20			75			
			17			74			

Note: WQZG sewage pump with heavy cutting, selection, electrical power increases a level, the maximum power 18.5kW

WQ(QW), JYWQP, WQZG PERFORMANCE PARAMETERS

Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling
100	100WQ(QW)100-25-11	70	28	1450	11	68	GAK-100
		100	25			72	
		120	23			70	
	100WQ(QW)100-30-15	70	33	1450	15	69	
		100	30			72	
		120	27			71	
	100WQ(QW)100-35-18.5	70	38	1450	18.5	70	
		100	35			75	
		120	31			73	
150	150WQ(QW)145-9-7.5	100	11	1450	7.5	72	GAK-150
		145	9			76	
		175	7			73	
	150WQ(QW)110-15-7.5	77	17	1450	7.5	67	
		110	15			71	
		132	12			70	
	150WQ(QW)200-10-15	140	12	1450	15	70	
		200	10			73	
		240	8			69	
	150WQ(QW)180-15-15	126	18	1450	15	63	
		180	15			69	
		216	13			68	
	150WQ(QW)180-20-18.5	126	22	1450	18.5	70	
		180	20			72	
		216	18			70	
	150WQ(QW)150-26-18.5	105	28	1450	18.5	48	
		150	26			52	
		180	22			50	
	150WQ(QW)180-25-22	126	27	1450	22	74	
		180	25			78	
		216	23			76	
	150WQ(QW)200-25-30	140	28	1450	30	73	
		200	25			76	
		240	22.5			75	
150WQ(QW)200-30-37	140	33	1450	37	70		
	200	30			73		
	240	27			71		
150WQ(QW)150-35-37	105	37	1450	37	71		
	150	35			73		
	180	32			71		
150WQ(QW)180-40-45	126	43	1450	45	67		
	180	40			71		
	216	38			69		
200	200WQ(QW)300-7-11	210	8.5	1450	11	61	GAK-200
		300	7			66	
		360	6			63	
	200WQ(QW)250-11-15	175	13	1450	15	62	
		250	11			64	

Note: WQZG sewage pump with heavy cutting, selection, electrical power increases a level, the maximum power 18.5kW

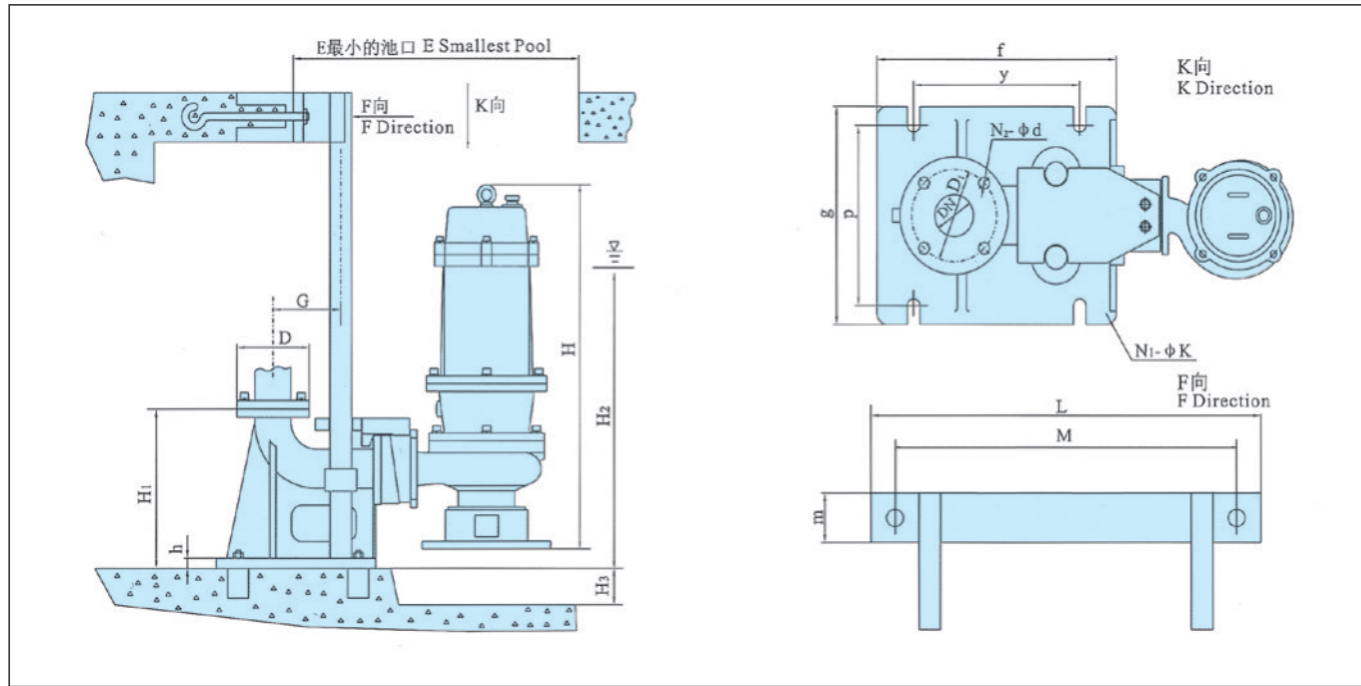
Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling		
200	200WQ(QW)250-15-18.5	300	9	1450	18.5	60	GAK-200		
		175	17.5			68			
		250	15			73			
		300	13			70			
	200WQ(QW)400-10-22	280	11.5	1450	22	70			
		400	10			75			
		480	8			72			
	200WQ(QW)300-15-22	210	17	1450	22	73			
		300	15			76			
	200WQ(QW)400-13-30	360	12.5	1450	30	72			
		280	16			72			
		400	13			76			
	200WQ(QW)400-13-30	480	11	1450	30	74			
		210	19.5			1450		30	82
		300	18						85
	200WQ(QW)300-18-30	360	17	1450	30				83
		175	24			1450		30	68
		250	22						71
	200WQ(QW)250-22-30	300	20	1450	37				69
		210	28			66			
	200WQ(QW)300-25-37	300	25	1450	37	71			
		360	23			70			
		280	22			1450		45	70
	200WQ(QW)400-20-45	400	20	1450	45				74
		480	18						71
		175	37			1450		45	66
	200WQ(QW)250-35-45	250	35	1450	45				69
		300	32						68
		280	32			1450		55	69
	200WQ(QW)400-30-55	400	30	1450	55				72
		480	27						70
		140	62			1450		75	48
	200WQ(QW)200-60-75	200	60	1450	75				52
		240	58						51
		420	11			980		30	76
	250WQ(QW)600-9-30	600	9	980	30				78
720		7	76						
420		14	1450			37	73		
250WQ(QW)600-12-37	600	12		1450	37		76		
	720	10					75		
	420	17.5	1450			45	70		
250WQ(QW)600-15-45	600	15		1450	45		73		
	720	13					72		
	420	22	1450			55	71		
250WQ(QW)600-20-55	600	20		1450	55		73		
	720	18					71		
	420	29	1450			75	68		

Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling		
300	300WQ(QW)800-12-45	600	25	980	45	71	GAK-300		
		720	21			70			
		560	14			1450		75	71
		800	12						74
		920	10						72
		560	23						1450
	800	20	75						
	920	18	74						
	300WQ(QW)800-20-75	665	22.5	1450	90	71			
		950	20			76			
		1140	17			73			
	300WQ(QW)950-20-90	700	26	1450	110	73			
		1000	24			76			
		1200	20			73			
	350	350WQ(QW)1100-10-55	770	12	980	55		82	GAK-350
			1100	10				85	
			1320	8.5				83	
		350WQ(QW)1180-13-75	826	14.5	980	75		80	
1180			13	84					
1416			9	81					
350WQ(QW)1200-15-90		840	17	980	90	82			
		1200	15			84			
		1440	11			81			
350WQ(QW)1130-18-90		790	19.5	980	90	81			
		1130	18			83			
		1360	13			80			
350WQ(QW)1250-20-110		875	22	980	110	80			
		1250	20			83			
		1500	15			81			
350WQ(QW)1500-20-132		1050	21.5	980	132	77			
		1500	20			82			
		1800	15			80			
350WQ(QW)1500-26-160	1050	28	980	160	79				
	1500	26			83				
	1800	21			81				
400	400WQ(QW)2000-6-55	1400	7.5	740	55	82	GAK-400		
		2000	6			86			
		2400	4			83			
	400WQ(QW)1800-7-55	1260	8	740	55	82			
		1800	7			85			
		2160	5			84			
	400WQ(QW)2500-7-75	1750	8.5	740	75	81			
		2500	7			85			
		3000	5.5			82			
	400WQ(QW)1800-10-75	1260	11.5	740	75	82			
		1800	10			85			
		2160	8			81			

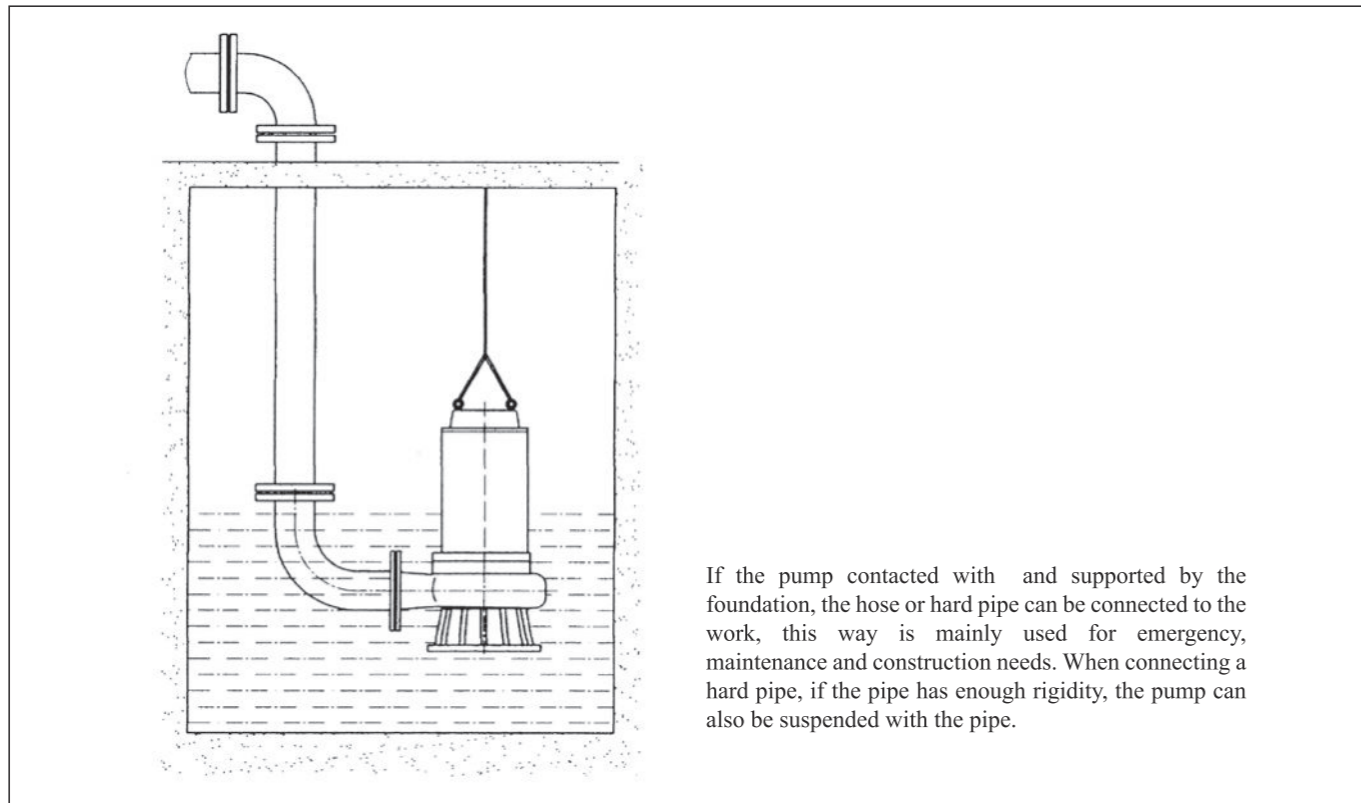
Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling
400	400WQ(QW)1690-12-90	1180	14	980	90	81	GAK-400
		1690	12			85	
		2030	7			82	
	400WQ(QW)2000-10-90	1400	12	980	90	81	
		2000	10			85	
		2400	5			80	
	400WQ(QW)2000-13-110	1400	15	980	110	80	
		2000	13			84	
		2400	7			79	
	400WQ(QW)2000-15-132	1400	17	980	132	80	
		2000	15			83	
		2400	10			82	
	400WQ(QW)1700-22-160	1190	24	980	160	78	
		1700	22			83	
		2040	17			80	
	400WQ(QW)2000-18-160	1400	21	980	160	81	
		2000	18			85	
		2400	12			83	
	400WQ(QW)1950-23-185	1365	26	980	185	82	
		1950	23			85	
		2340	17			83	
	400WQ(QW)1980-26-220	1386	29	980	220	79	
		1980	26			83	
		2376	20			82	
400WQ(QW)1800-32-250	1260	35	980	250	79		
	1800	32			82		
	2160	26			80		
450	450WQ(QW)2300-10-90	1610	12.5	740	90	81	GAK-450
		2300	10			85	
		2760	5			82	
	450WQ(QW)2250-11-110	1575	13	740	110	81	
		2250	11			85	
		2700	7			83	
	450WQ(QW)2100-12-110	1470	14	740	110	80	
		2100	12			83	
		2520	8			81	
	450WQ(QW)2260-14-132	1580	16	740	132	80	
		2260	14			83	
		2712	10			81	
	450WQ(QW)2280-20-185	1600	21.5	740	185	78	
		2280	20			82	
		2740	16			81	
	450WQ(QW)2300-25-250	1610	27	740	250	77	
		2300	25			81	
		2760	20			80	
	450WQ(QW)2300-29-280	1610	30.5	740	280	77	
		2300	29			80	
		2760	23			79	

Diameter	Type	Q(m³/h)	Head (m)	speed r/min	power kW	efficiency (%)	Auto coupling		
450	450WQ(QW)2100-36-315	1470	38	740	315	75	GAK-450		
		2100	36			78			
		2100	31			76			
500	500WQ(QW)2500-10-110	1750	11.5	740	110	82	GAK-500		
		2500	10			85			
		3000	7			85			
	500WQ(QW)2500-16-160	1750	18	740	160	81			
		2500	16			84			
		3000	11			83			
	500WQ(QW)2500-18-185	1750	20	740	185	80			
		2500	18			83			
		3000	14			82			
	500WQ(QW)2500-12-132	1750	14	740	132	81			
		2500	12			85			
		3000	6			83			
	500WQ(QW)2400-22-220	1680	23.5	740	220	82			
		2400	22			85			
		2880	16			84			
	500WQ(QW)2650-24-250	1855	26	740	250	83			
		2650	24			85			
		3180	18			81			
	500WQ(QW)2400-28-280	1680	30	740	280	81			
		2400	28			85			
		2880	23			83			
	600	600WQ(QW)5400-8-185	3780	10	580	185		84	GAK-600
			5400	8				87	
			6480	6				86	
600WQ(QW)4000-12-200		2800	14	580	200	83			
		4000	12			86			
		4800	8			84			
600WQ(QW)3550-15-200		2485	17	740	200	81			
		3550	15			84			
		4260	9			82			

INSTALLATION DIMENSIONAL DRAWING OF WQ SERIES NON-CLOG FIXED SUBMERGED MOTOR PUMP



OUTLINE AND INSTALLATION SKETCH DRAWING OF JYWQ(QW) SERIES NON-CLOG PORTABLE SUBMERGED MOTOR PUMP



INSTALLATION DIMENSIONAL TABLE OF WQ SERIES NON-CLOG FIXED SUBMERGED MOTOR PUMP

Diameter	Type	Installation Dimensions																									
		D	D1	H	G	H1	H2	H3	h	N1-φK	g	p	f	y	N2-φd	L	M	m	e	E							
25	25WQ(QW) 8-12-0.75	100	75	400																							
	25WQ(QW) 8-22-1.1																									360	
32	32WQ(QW) 8-12-0.75	120	90	400																							
	32WQ(QW) 8-22-1.1																									360	
40	40WQ(QW) 12-15-1.5	130	100	540																							
																										440	
50	50WQ(QW) 20-7-0.75	140	110	651	170	210																					
	50WQ(QW) 10-10-0.75																									564	
	50WQ(QW) 15-15-1.5																									450	
	50WQ(QW) 25-15-2.2																									480	
	50WQ(QW) 42-9-2.2																									582	
	50WQ(QW) 15-30-3																									540	
	50WQ(QW) 17-25-3																									737	
	50WQ(QW) 40-15-4																									640	
	50WQ(QW) 25-32-5.5																										
	50WQ(QW) 20-40-7.5																										
65	65WQ(QW) 25-15-2.2	160	130	737	167	240																					
	65WQ(QW) 37-13-3																										582
	65WQ(QW) 25-30-4																										652
	65WQ(QW) 30-30-5.5																										708
	65WQ(QW) 30-40-7.5																										640
	65WQ(QW) 35-50-11																										150
	65WQ(QW) 35-60-15																										20
																											869
	670																										
80	80WQ(QW) 40-7-2.2	185	150	755	167	280																					
	80WQ(QW) 43-13-3																										640
	80WQ(QW) 50-7-3																										652
	80WQ(QW) 40-15-4																										755
	80WQ(QW) 50-20-5.5																										650
	80WQ(QW) 65-25-7.5																										775
																											670
100	100WQ(QW) 70-7-3	205	170	825	214	300																					
	100WQ(QW) 85-10-4																										705
	100WQ(QW) 65-15-5.5																										800
	100WQ(QW) 100-15-7.5																										725
	100WQ(QW) 85-20-7.5																										200
	100WQ(QW) 100-25-11																										25
	100WQ(QW) 100-30-15																										210
	100WQ(QW) 100-35-18.5																										170
																											330
	200																										
150	150WQ(QW) 145-9-7.5	260	225	1059	247	470																					
	150WQ(QW) 110-15-7.5																										795
	150WQ(QW) 200-10-15																										700
	150WQ(QW) 180-15-15																										940
	150WQ(QW) 180-20-18.5																										1059
	150WQ(QW) 150-26-18.5																										250
	150WQ(QW) 180-25-22																										35
	150WQ(QW) 200-25-30																										4-φ24
	150WQ(QW) 200-30-37																										390
	150WQ(QW) 150-35-37																										330
	150WQ(QW) 180-40-45																										460
																											260
																											600
	440																										
	100																										
	20																										
	1000×800																										
200	200WQ(QW) 300-7-11	315	280	1150	290	560																					
	200WQ(QW) 250-11-15																										1150
	200WQ(QW) 250-15-18.5																										1120
	200WQ(QW) 400-10-22																										1000
	200WQ(QW) 300-15-22																										250
	200WQ(QW) 400-13-30																										35
	200WQ(QW) 300-18-30																										4-φ24
																											530
	370																										
	500																										
	340																										
	8-φ18																										
	600																										
	595																										
	100																										
	20																										
	1300×900																										

INSTALLATION DIMENSIONAL TABLE OF WQ SERIES NON-CLOG FIXED SUBMERGED MOTOR PUMP

Diameter	Type	Installation Dimensions																		
		D	D1	H	G	H1	H2	H3	h	N1-φK	g	p	f	y	N2-φd	L	M	m	e	E
200	200WQ(QW) 250-22-30	315	280	1320	290	560	1200	250	35	4-φ24	530	370	500	340	8-φ18	600	595	100	20	1300×900
	200WQ(QW) 300-25-37			1370			1270													
	200WQ(QW) 400-20-45																			
	200WQ(QW) 250-35-45																			
	200WQ(QW) 400-30-55			1450			1350													
200WQ(QW) 200-60-75																				
250	250WQ(QW) 600-9-30	370	335	1450	443	600	1350	350	26	4-φ24	550	440	610	400	12-φ23	700	595	150	24	1600×1300
	250WQ(QW) 600-12-37																			
	250WQ(QW) 600-15-45																			
	250WQ(QW) 600-20-55																			
250WQ(QW) 600-25-75	1720	1550																		
300	300WQ(QW) 800-12-45	435	395	1550	460	640	1350	400	50	4-φ32	870	510	870	460	12-φ23	700	650	150	27	1600×1300
	300WQ(QW) 800-20-75			1750			1550													
	300WQ(QW) 950-20-90						1600													
	300WQ(QW) 950-24-110			1880																
350	350WQ(QW) 1100-10-55	490	445	1600	460	730	1400	500	50	4-φ32	880	560	850	520	12-φ23	880	700	80	45	1450×1200
	350WQ(QW) 1180-13-75																			
	350WQ(QW) 1200-15-90			1800			1600													
	350WQ(QW) 1130-18-90																			
	350WQ(QW) 1250-20-110						1600													
	350WQ(QW) 1500-20-132			1880																
350WQ(QW) 1500-26-160	2200	2000																		
400	400WQ(QW) 2000-6-55	565	515	1650	620	780	1450	500	50	4-φ32	870	610	920	580	16-φ26	950	730	150	27	1600×1200
	400WQ(QW) 1800-7-55																			
	400WQ(QW) 2500-7-75																			
	400WQ(QW) 1800-10-75																			
	400WQ(QW) 1690-12-90			1700			1500													
	400WQ(QW) 2000-10-90																			
	400WQ(QW) 2000-13-110																			
	400WQ(QW) 2000-15-132																			
	400WQ(QW) 1700-22-160																			
	400WQ(QW) 2000-18-160																			
	400WQ(QW) 1950-23-185			2345			2100													
	400WQ(QW) 1980-26-220																			
	400WQ(QW) 1800-32-250																			
450	450WQ(QW) 2300-10-90	615	565	1700	620	900	1500	500	50	6-φ34	880	790	980	880	16-φ26	950	850	150	27	1600×1200
	450WQ(QW) 2250-11-110																			
	450WQ(QW) 2100-12-110			1880			1680													
	450WQ(QW) 2260-14-132																			
	450WQ(QW) 2280-20-185																			
	450WQ(QW) 2300-25-250																			
	450WQ(QW) 2300-29-280			2345			2100													
	450WQ(QW) 2100-36-315																			
500	500WQ(QW) 2500-10-110	670	620	2000	820	1350	1800	500	50	6-φ34	950	850	1240	1140	20-φ26	950	850	150	27	1600×1200
	500WQ(QW) 2500-12-132																			
	500WQ(QW) 2500-16-160																			
	500WQ(QW) 2500-18-185																			
	500WQ(QW) 2400-22-220			2600			2300													
	500WQ(QW) 2650-24-250																			
500WQ(QW) 2400-28-280																				
600	600WQ(QW) 5400-8-185	780	725	2950	1000	1550	2600	500	50	6-φ34	1000	900	1400	1300	20-φ26	950	850	150	27	1600×1200
	600WQ(QW) 4000-12-200																			
	600WQ(QW) 3550-15-200																			

LW AND WL SERIES NON-CLOG VERTICAL SEWAGE PUMP

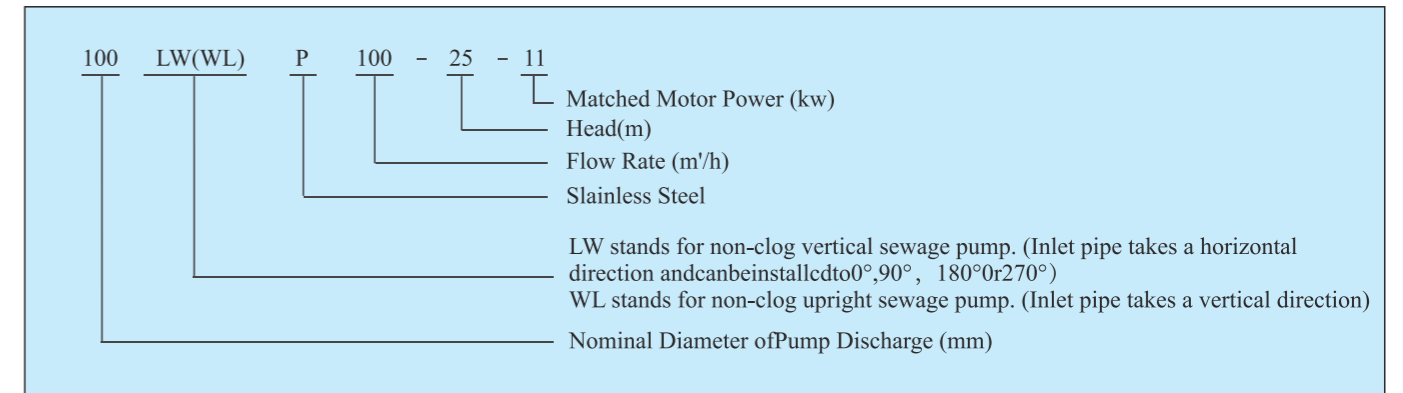


LW AND WL SERIES NON-CLOG VERTICAL SEWAGE PUMP

PROFILE

LW(WL)series non-clog vertical sewage pumps are optimized on the base of WQ submerged motor pump according to users' practical demands, installation and service conditions and modes, combined with years of experience. With easy installation and operation as well as reasonable structure, this series has eliminated the disadvantage of motor burning as a result of water leakage of mechanical seal.

TYPE MEANING



APPLICATION FIELDS

LW(WL) series non-clog vertical sewage pumps are applicable for the discharge of seriously polluted wastewater in factories and commercial sites, sewage draining station in residential area, drainage system in city wastewater treatment plant, draining station for civil defense, water supply in tap water plant, sewage discharge in hospitals and hotels, construction sites of municipal projects, exploration, mines, rural methane pool, agricultural irrigation etc. to deliver wastewater and pollutants containing granules, as well as clean water and weak corrosive mediums.

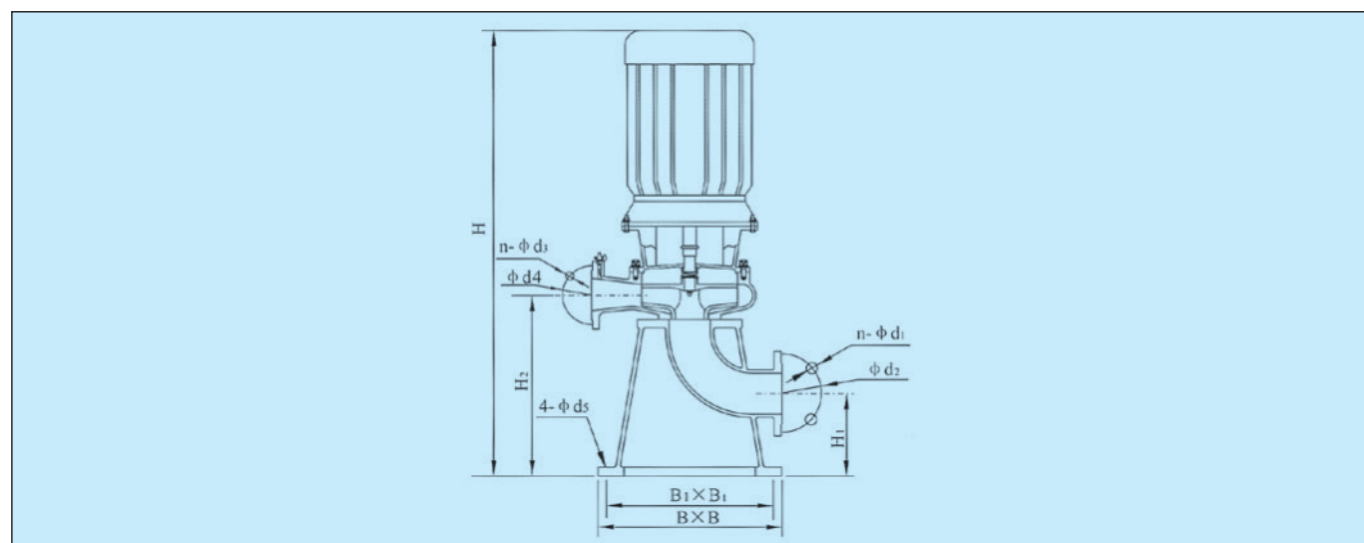
PRODUCT FEATURES

1. Its unique single-vane or double-vane impeller structure contributes much to pollutant handling capacity. It enables to effectively deliver 5 times of pump caliber and solid granules of diameter at 50% of pump caliber;
2. Its mechanical seal uses late-model corrosion-resistant carbon tungsten hard alloy for long-term operation in oil chamber and safe service of continuously more than 8,000 hours.
3. Distinctive energy saving, easy maintenance, use of standard Y series motors for the convenience of making replacement.
4. The automatic control cabinet may automatically control the start and stop of pump responding to the changes of required liquid level. It is fairly easy to use with no need for a special person to care about it.
5. Square and circular installing systems are available if required, making installation and maintenance much convenient, so that there is no need for a person to go into sewage pit.
6. This pump is provided with outdoor motor, with no need for a pump room. It may be directly installed outdoors to save expenses.
7. This pump takes a vertical structure.

SERVICE CONDITIONS

- A. Medium temperature not exceeding 60°C and medium weight from 1~1.3.
 - B. The applicable scope of cast-iron material is from PH5~9.
 - C. For 1Cr18Ni9Ti stainless steel material, ordinary corrosive mediums may be used.
 - D. The height above sea level of service location should not exceed 1,000 meters. If beyond, clarify when placing an order for our convenience to provide you with more reliable products.
- Note: If there are special requirements on temperature and mediums, please clarify the detail of the medium to deliver when placing an order for our convenience to provide you with more reliable products.

INSTALLATION DIMENSIONAL DRAWING OF LW NON-CLOG VERTICAL SEWAGE PUMP (SEE OUR INSTRUCTION MANUAL FOR THE INSTALLATION DIMENSIONAL DRAWING OF WL TYPE)



PERFORMANCE PARAMETER AND INSTALLATION DIMENSION (THE PERFORMANCE PARAMETER OF WL TYPE IS THE SAME AS THAT OF LW TYPE)

NO	TYPE	Caligber (mm)	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Outlet flange			Mounting Hole for Base			H
								n-d1	d2	H1	n-d3	D4	H2	B	B1	d s	
1	25LW8-12-0.75	25	8	12	2900	0.75	48	4-14	75	107	4-14	75	265	300	250	20	604
2	25LW8-22-1.1		8	22	2900	1.1	45										
3																	
4	32LW8-12-0.75	32	8	12	2900	0.75	48	4-14	90		4-14	90	265	300	250	20	604
5	32LW8-12-1.1		8	22	2900	1.1	45										
6	40LW12-15-1.5	40	12	15	2900	1.5	48	4-14	100	107	4-14	100	265	300	250	20	604
7																	
8	50LW20-7-0.75	50	20	7	2900	0.75	62	4-14	110	110	4-14	110	288	300	250	20	630
9	50LW10-10-0.75		10	10	2900	0.75	54										
10	50LW20-15-1.5		20	15	2900	1.5	51										
11	50LW15-30-2.2		15	30	2900	2.2	45										
12	50LW42-9-2.2		42	9	2900	2.2	52										
13	50LW30-10-2.2		30	10	2900	2.2	51										
14	50LW17-25-3		17	25	2900	3	52										
15	50LW40-15-4		40	15	2900	4	57										
16	50LW25-32-5.5		25	32	2900	5.5	60										
17	50LW20-40-7.5		20	40	2900	7.5	46										
18																	
19	65LW25-15-2.2	65	25	15	2900	2.2	52	4-14	130	120	4-14	130	310	315	250	20	680
20	65LW37-13-3		37	13	2900	3	60										
21	65LW25-30-4		25	30	2900	4	58										
22	65LW30-30-5.5		30	30	2900	5.5	58										
23	65LW30-40-7.5		30	40	2900	7.5	55										
24	65LW35-50-11		35	50	2900	11	42										
25	65LW35-60-15	35	60	2900	15	41											
26																	
27	80LW40-7-2.2	80	40	7	2900	2.2	50	4-18	150	150	4-18	150	390	390	330	20	850
28	80LW43-13-3		43	13	2900	3	48										
29	80LW50-7-3		50	7	2900	3	52										
30	80LW40-15-4		40	15	2900	4	48										
31	80LW50-20-5.5		50	20	2900	5.5	50										
32	80LW65-25-7.5		65	25	2900	7.5	51										
33																	
34	100LW70-7-3	100	70	7	1450	3	60	4-18	170	200	4-18	170	500	390	330	20	980
35	100LW85-10-4		85	10	1450	4	62										
36	100LW60-15-4		60	15	1450	4	60										
37	100LW100-15-7.5		100	15	1450	7.5	70										
38	100LW85-20-7.5		85	20	1450	7.5	65										
39	100LW100-25-11		100	25	1450	11	61										
40	100LW100-30-15		100	30	1450	15	59										
41	100LW100-35-18.5		100	35	1450	18.5	56										
42																	
43	150LW145-9-7.5	150	145	9	1450	7.5	63	8-18	225	200	8-18	225	495	480	400	20	1120
44	150LW110-15-7.5		110	15	1450	7.5	61										
45	150LW200-10-15		200	10	1450	15	64										
46	150LW180-15-15		180	15	1450	15	62										
47	150LW180-20-18.5		180	20	1450	18.5	74										
48	150LW150-26-18.5		150	26	1450	18.5	72										
49	150LW180-25-22		180	25	1450	22	69										
50	150LW200-25-30		200	25	1450	30	65										
51	150LW200-30-37		200	30	1450	37	65										
52	150LW150-35-37		150	35	1450	37	63										
53	150LW180-40-45	180	40	1450	45	59											
54																	
55	200LW300-7-11	200	300	7	980	11	75	8-18	280	200	8-18	280	587	480	400	20	1380
56	200LW250-11-15		250	11	1450	15	72										
57	200LW250-15-18.5		250	15	1450	18.5	72										
58	200LW400-10-22		400	10	1450	22	75										
59	200LW300-15-22		300	15	1450	22	71										
60	200LW400-13-30		400	13	1450	30	76										
61	200LW300-18-30		300	18	1450	30	68										

PERFORMANCE PARAMETER AND INSTALLATION DIMENSION(THE PERFORMANCE PARAMETER OF WL TYPE IS THE SAME AS THAT OF LW TYPE)

NO	TYPE	Caligber (mm)	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Outlet flange			Mounting Hole for Base			H										
								n-d1	d2	H1	n-d3	D4	H2	B	B1	d s											
1	200LW250-22-30	200	250	22	1450	30	71	8-18	280	200	8-18	280	588	535	450	25	1380										
2	200LW300-25-37		300	25	1450	37	71										1450										
3	200LW400-20-45		400	20	1450	45	74										1450										
4	200LW250-35-45		250	35	1450	45	69										1600										
5	200LW400-30-55		400	30	1450	55	72										1600										
6	200LW200-60-75		200	60	1450	75	52										1600										
7																											
8	250LW600-9-30	250	600	9	980	30	78	12-18	335	240	12-18	335	685	590	500	27	1550										
9	250LW600-12-37		600	12	1450	37	76										1550										
10	250LW600-15-45		600	15	1450	45	73										1550										
11	250LW600-20-55		600	20	1450	55	73										1850										
12	250LW600-25-75		600	25	1450	75	71										1850										
13	250LW600-30-90		600	30	1450	90	68										1650										
14	300LW800-12-45	300	800	12	980	45	74										1650										
15	300LW800-20-75		800	20	1450	75	75										1680										
16	300LW950-20-90		950	20	1450	90	76										1680										
17	300LW950-24-110		950	24	1450	110	76										1780										
18																											
19	350LW1100-10-55		350	1100	10	980	55										85	12-23	445	240	12-23	445	710	800	700	27	1900
20	350LW1180-13-75	1180		13	980	75	84	1900																			
21	350LW1200-15-90	1200		15	980	90	84	1900																			
22	350LW1130-18-90	1130		18	980	90	83	1900																			
23	350LW1250-20-110	1250		20	980	110	83	1900																			
24	350LW1500-20-132	1500		20	980	132	82	1900																			
25	350LW1500-26-160	1500	26	980	160	83	1900																				
26																											
27	400LW2000-6-55	400	2000	6	740	55	86	16-23	495	300	16-23	495	850	390	330	27	2400										
28	400LW1800-7-55		1800	7	740	55	85										2400										
29	400LW2500-7-75		2500	7	740	75	85										2400										
30	400LW1800-10-75		1800	10	740	75	85										2400										
31	400LW1690-12-90		1690	12	980	90	85										2400										
32	400LW2000-10-90		2000	10	980	90	85										2400										
33	400LW2000-13-110		2000	13	980	110	84										2400										
34	400LW2000-15-132		2000	15	980	132	83										2400										
35	400LW1700-22-160		1700	22	980	160	83										2400										
36	400LW2000-18-160		2000	18	980	160	85										2400										
37	400LW1950-23-185		1950	23	980	185	85										2400										
38	400LW1980-26-220		1980	26	980	220	83										2400										
39	400LW1800-32-250		1800	32	980	250	82										2400										
40																											
41	450LW2300-10-90	450	2300	10	740	90	85	16-23	550	350	16-23	550	1000	1000	900	27	2400										
42	450LW2250-11-110		2250	11	740	110	85										2400										
43	450LW2100-12-110		2100	12	740	110	83										2400										
44	450LW2260-14-132		2260	14	740	132	83										2400										
45	450LW2280-20-185		2280	20	740	185	82										2400										
46	450LW2300-25-250		2300	25	740	250	81										2400										
47	450LW2300-29-280		2300	29	740	280	80										2400										
48	450LW2100-36-315		2100	36	740	315	78										2400										
49																											
50	500LW2500-10-110	500	2500	10	740	110	85	20-23	600	450	20-23	600	1200	1200	1100	27	2800										
51	500LW2500-16-160		2500	16	740	160	84										2800										
52	500LW2500-18-185		2500	18	740	185	83										2800										
53	500LW2500-12-132		2500	12	740	132	85										2800										
54	500LW2400-22-220		2400	22	740	220	85										2800										
55	500LW2650-24-250		2650	24	740	250	85										2800										
56	500LW2400-28-280	2400	28	740	280	85	2800																				
57	600LW5400-8-185	600	5400	8	580	185	87	20-26	705	500	20-26	705	1200	1200	1100	27	2800										
58	600LW4000-12-200		4000	12	580	200	86										2800										
59	600LW3550-15-200		3550	15	740	200	84										2800										

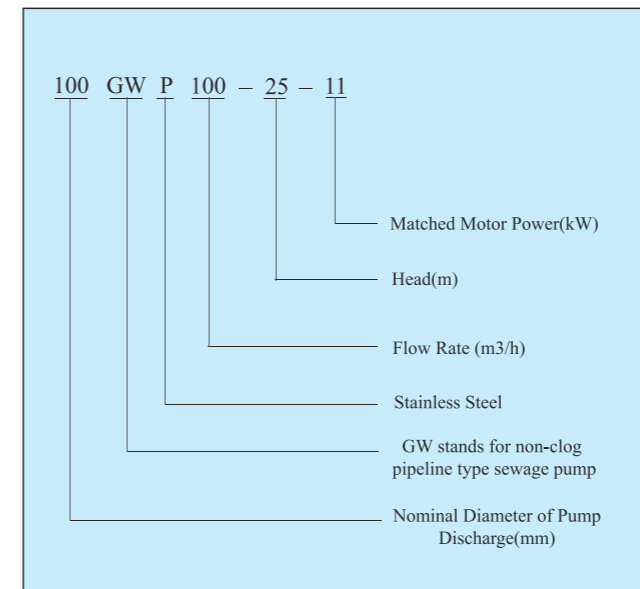
GW SERIES NON-CLOG PIPELINE TYPE SEWAGE PUMP



PROFILE

GW series non-clog pipeline type sewage pumps are optimized on the base of WQ submerged motor pump according to users' practical demands, installation and service conditions and modes, combined with years of experience. With easy installation and operation as well as reasonable structure, this series has eliminated the disadvantage of motor burning as a result of water leakage of mechanical seal.

TYPE MEANING



APPLICABILITY

GW series non-clog pipeline type sewage pumps are applicable for the discharge of seriously polluted wastewater in factories and commercial sites, sewage draining station in residential area, drainage system in city wastewater treatment plant, draining station for civil defense, water supply in tap water plant, sewage drainage in hospitals and hotels, construction sites of municipal projects, exploration, mines, rural methane pool, agricultural irrigation etc. to deliver wastewater and pollutants containing granules, as well as clean water and weak corrosive mediums.

SERVICE CONDITIONS

1. Ambient temperature $\leq 40^{\circ}\text{C}$, humidity $\leq 95\%$ and height above sea level ≤ 1000 meters. If beyond, clarify when placing an order.
2. Medium temperature not exceeding 60°C and medium weight from 1~1.3.
3. The applicable scope of cast-iron material is from PH5~9.
4. For 1Cr18Ni9Ti stainless steel material, ordinary corrosive mediums may be used.
5. The height above sea level of service location should not exceed 1,000 meters. If beyond, clarify when placing an order for our convenience to provide you with more reliable products.

Note: If there are special requirements on temperature and mediums, please clarify the detail of the medium to deliver when placing an order for our convenience to provide you with more reliable products.

Performance Parameter and Installation Dimension of Base Installation.

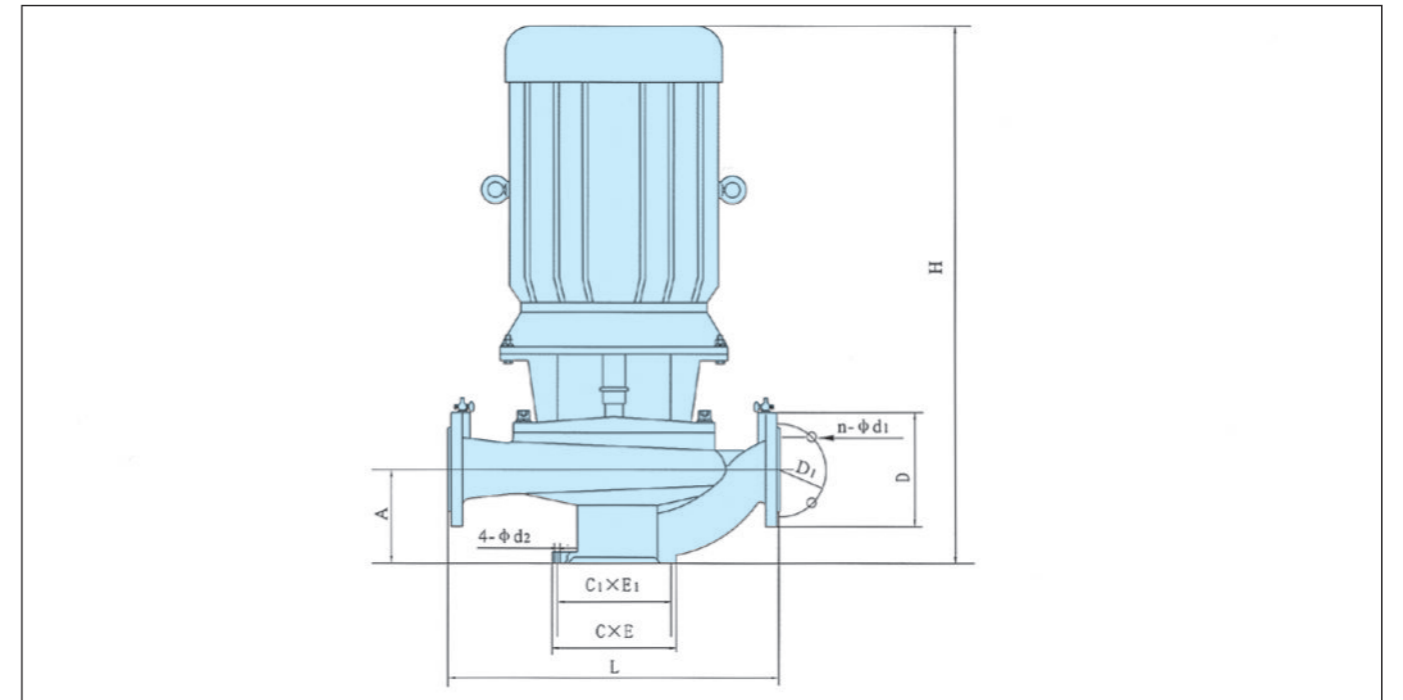
PERFORMANCE PARAMETERS AND INSTALLATION DIMENSIONS

Diameter	TYPE	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Mounting Hole for Base			Outline Dimensions		
							D	D1	n-φd1	C×E	C1×E1	4-φd2	A	L	H
32	32GW8-12-0.75	8	12	2900	0.75	48	120	90	4-φ14	150×150	120×120	4-φ12	145	315	500
	32GW8-22-1.5	8	22	2900	1.5	48									
40	40GW10-10-0.75	10	10	2900	0.75	54	130	100	4-φ14	150×150	120×120	4-φ12	145	315	500
	40GW12-15-1.5	12	15	2900	1.5	48									
	40GW15-30-3	15	3	2900	3	51									
50	50GW20-7-0.75	20	7	2900	0.75	62	140	110	4-φ14	150×150	120×120	4-φ12	122	330	470
	50GW10-10-0.75	10	10	2900	0.75	54									
	50GW20-15-1.5	20	15	2900	1.5	51									
	50GW15-30-3	15	3	2900	3	51				φ200	φ170	4-φ14	127	395	593
	50GW42-9-2.2	42	9	2900	2.2	52									
	50GW17-25-3	17	25	2900	3	53									
	50GW40-15-4	40	15	2900	4	54									
50GW25-32-5.5	25	32	2900	5.5	49	φ200	φ170	4-φ14	127	395	593				
50GW25-15-2.2	25	15	2900	2.2	52										
65	65GW37-13-3	37	13	2900	3	60	160	130	4-φ14	φ200	φ170	4-φ12	150	375	525
	65GW25-30-4	25	30	2900	4	58									
	65GW25-35-5.5	25	35	2900	5.5	49				φ200	φ170	4-φ12	150	400	900
	65GW35-50-11	35	50	2900	11	59									
	65GW35-60-15	35	60	2900	15	58									
	65GW25-15-2.2	25	15	2900	2.2	50									
80	80GW40-7-2.2	40	7	2900	2.2	50	185	150	4-φ14	φ220	φ200	4-φ12	192	470	525
	80GW43-13-3	43	13	2900	3	61									
	80GW40-15-4	40	15	2900	4	57				φ220	φ200	4-φ12	185	470	580
	80GW50-20-5.5	50	20	2900	5.5	60									
	80GW65-25-7.5	65	25	2900	7.5	56									
100	100GW85-10-4	85	10	1450	4	62	205	170	4-φ18	280×220	220×160	4-φ18	185	570	800
	100GW65-15-5.5	65	15	1450	5.5	59									
	100GW100-15-7.5	100	15	1450	7.5	70				280×220	220×160	4-φ18	185	640	960
	100GW85-20-7.5	85	20	1450	7.5	71									
	100GW100-25-11	100	25	1450	11	61									
	100GW100-35-18.5	100	35	1450	18.5	67									
150	150GW145-9-7.5	145	9	1450	7.5	63	260	225	8-φ18	300×300	240×240	4-φ24	215	660	1030
	150GW200-10-15	200	10	1450	15	64									
	150GW150-26-18.5	150	26	1450	18.5	72									
	150GW180-20-18.5	180	20	1450	18.5	74									
	150GW180-35-22	180	35	1450	22	69									
	150GW150-35-37	150	35	1450	37	63									
	150GW200-30-37	200	30	1450	37	65									
200	200GW300-7-11	300	7	980	11	75	315	280	8-φ18	365×365	295×225	4-φ24	310	780	1100
	200GW250-11-15	350	11	1450	15	72									
	200GW250-15-18.5	250	15	1450	18.5	72									
	200GW400-10-22	400	10	1450	22	75									
	200GW300-15-22	300	15	1450	22	71									
	200GW400-13-30	400	13	1450	30	76									
	200GW250-22-30	250	22	1450	30	71									
	200GW300-25-37	300	25	1450	37	73									

PERFORMANCE PARAMETERS AND INSTALLATION DIMENSIONS

Diameter	TYPE	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Mounting Hole for Base			Outline Dimensions		
							D	D1	n-φd1	C×E	C1×E1	4-φd2	A	L	H
200	200GW250-22-30	250	22	1450	30	70	315	280	8-φ18	350×300	300×250	4-φ22	320	780	1400
	200GW300-25-37	300	25	1450	37	73									
	200GW400-20-45	400	20	1450	45	71									
	200GW250-35-45	250	35	1450	45	69									
	200GW400-30-55	400	30	1450	55	72									
	200GW200-60-75	200	60	1450	75	65									
250	250GW600-9-30	600	9	980	30	78	370	335	12-φ18	400×350	350×300	4-φ22	350	950	1500
	250GW600-12-37	600	12	1450	37	76									
	250GW600-15-45	600	15	1450	45	73									
	250GW600-20-55	600	20	1450	55	73									
	250GW600-25-75	600	25	1450	75	71									
300	300GW800-12-45	800	12	980	45	74	435	395	12-φ23	500×400	450×350	4-φ22	415	1130	1700
	300GW800-20-75	800	20	1450	75	75									
	300GW950-20-90	950	20	1450	90	76									
	300GW950-24-110	950	24	1450	110	76									

INSTALLATION DIMENSIONAL DRAWING



YW SERIES NON-CLOG SUBMERSIBLE SEWAGE PUMP(SINGLE-PIPE)

APPLICABILITY



YW Series non-clog submersible sewage pump (single-pipe)

YW Series non-clog submersible sewage pump (Double-pipe)

YW series non-clog submersible sewage pumps are applicable for the discharge of seriously polluted wastewater in factories and commercial sites, sewage draining station in residential area, drainage system in city wastewater treatment plant, draining station for civil defense, water supply in tap water plant, sewage drainage in hospitals and hotels, construction sites of municipal projects, exploration, mines, rural methane pool, agricultural irrigation etc. to deliver wastewater and pollutants containing granules, as well as clean water and weak corrosive mediums.

SERVICE CONDITIONS

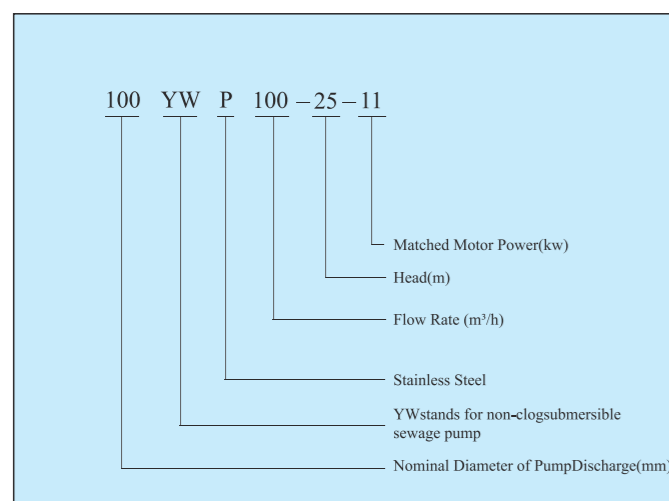
1. Ambient temperature $\leq 40^{\circ}\text{C}$, humidity $\leq 95\%$ and height above sea level ≤ 1000 meters. If beyond, clarify when placing an order.
2. Medium temperature not exceeding 60°C and medium weight from 1-1.3.
3. The applicable scope of cast-iron material is from PH5-9.
4. For 1Cr18Ni9Ti stainless steel material, ordinary corrosive mediums may be used.
5. The height above sea level of service location should not exceed 1,000 meters. If beyond, clarify when placing an order for our convenience to provide you with more reliable products.

Note: If there are special requirements on temperature and mediums, please clarify the detail of the medium to deliver when placing an order for our convenience to provide you with more reliable products.

PROFILE

YW series non-clog submersible sewage pumps are optimized on the base of WQ submerged motor pump according to users' practical demands, installation and service conditions and modes, combined with years of experience. With easy installation and operation as well as reasonable structure, this series has eliminated the disadvantage of motor burning as a result of water leakage of mechanical seal.

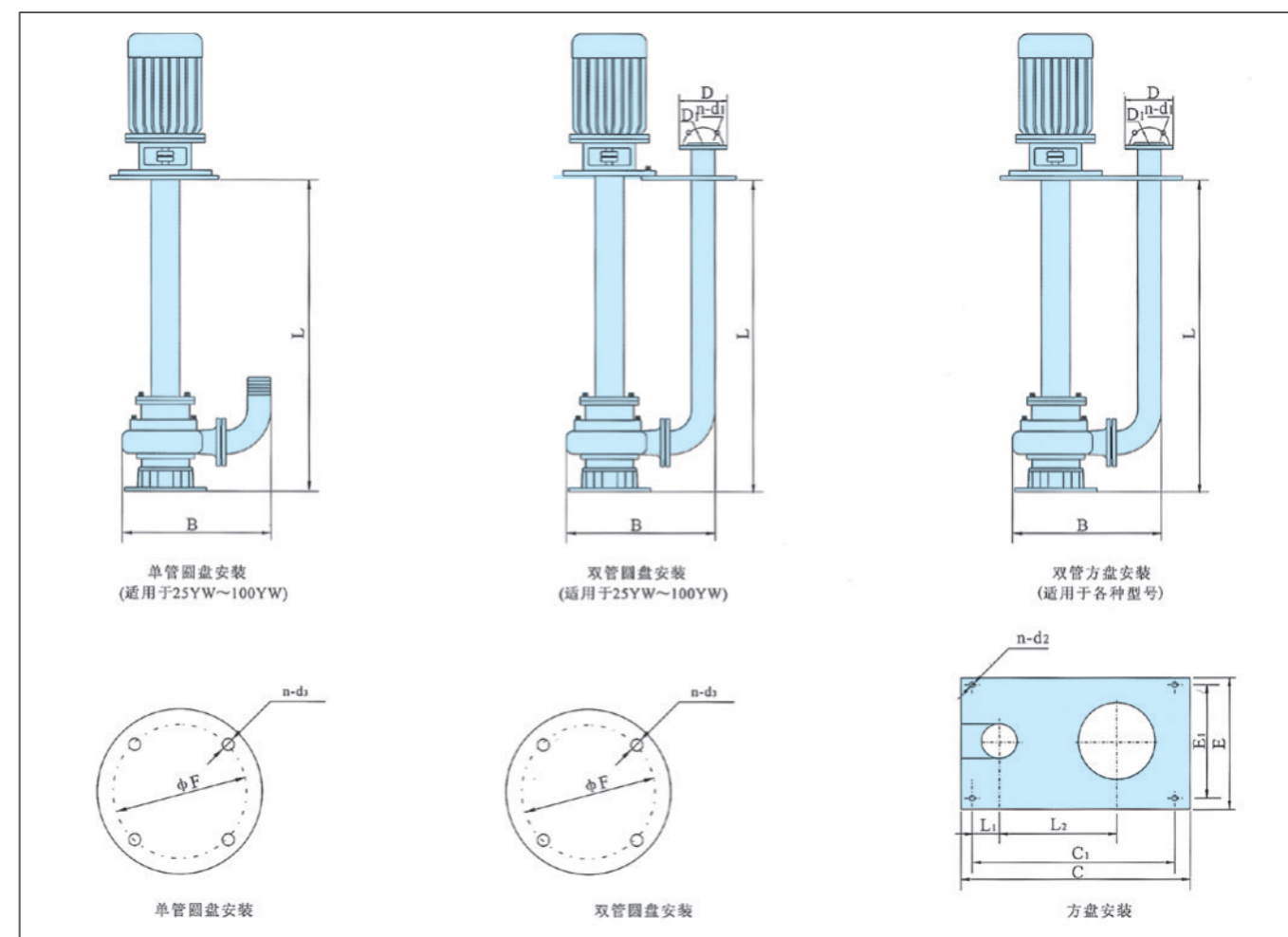
TYPE MEANING



PRODUCT FEATURES

1. Its unique single-vane or double-vane impeller structure contributes much to pollutant handling capacity. It enables to effectively deliver fibers 5 times of pump caliber and solid granules of diameter at 50% of pump caliber;
2. Its mechanical seal uses late-model corrosion-resistant carbon tungsten hard alloy for long-term operation in oil chamber and safe service of continuously more than 8,000 hours.
3. Compact overall structure, small volume, low noise, distinctive energy saving, easy maintenance, use of standard Y and Y2 series motors for the convenience of making replacement.
4. The automatic control cabinet may automatically control the start and stop of pump responding to the changes of required liquid level. It is fairly easy to use with no need for a special person to care about it.
5. Square and circular installation systems are available if required, making installation and maintenance much convenient, so that there is no need for a person to go into sewage pit.
6. This pump is provided with outdoor motor, with no need for a pump room. It may be directly installed outdoors to save expenses.
7. This pump takes a vertical structure. While in service, pump body is submerged in medium, so that it is easy to start. It is also characterized by no leakage. The underwater depth ranges from 0.5-5 meters, varying from pump types.

OUTLINE DIMENSIONAL DRAWING AND INSTALLATION DIMENSIONAL DRAWING



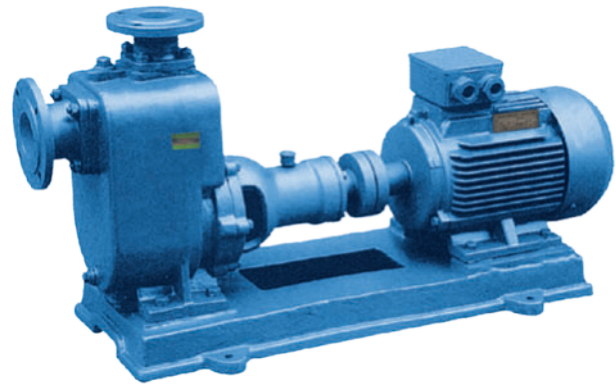
PERFORMANCE PARAMETERS AND INSTALLATION DIMENSIONS

Diameter	TYPE	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Underwater Depth L(m)	Dimension of Disc Installation						
							D	D1	n-φd1		CxE	C1xE1	n-d2	φF	n-d3	L1	L2
25	25YW8-12-0.75	8	12	2900	0.75	48	100	75	4-14	0.5~5	600×320	540×250	4-φ18	φ2504-φ18	100	220	
	25YW8-22-1.1	8	22	2900	1.1	45											
32	32YW8-12-0.75	8	12	2900	1.75	48	120	90	4-14	0.5~5	600×320	540×250	4-φ18	φ2504-φ18	100	220	
	32YW8-22-1.1	8	22	2900	1.1	45											
40	40YW12-15-1.5	12	15	2900	1.5	48	130	100	4-14	0.5~5	600×320	540×250	4-φ18	φ2504-φ18	100	220	
50	50YW20-7-0.75	20	7	2900	0.75	62	140	110	4-14	0.5~5	600×320	540×250	4-φ18	φ270	φ250	100	260
	50YW10-10-0.75	10	10	2900	0.75	54											
	50YW20-15-1.5	20	15	2900	1.5	51											
	50YW15-30-3	15	3	2900	3	45											
	50YW42-9-2.2	42	9	2900	2.2	52											
	50YW30-10-2.2	30	10	2900	2.2	51											
	50YW17-25-3	17	25	2900	3	52											
	50YW40-15-4	40	15	2900	4	57											
	50YW25-32-5.5	25	32	2900	5.5	60											
50YW20-40-7.5	20	40	2900	7.5	46												
65	65YW25-15-2.2	25	15	2900	2.2	52	160	130	4-14	0.5~5	600×320	540×250	4-φ18	φ3004-φ18	100	290	
	65YW37-13-3	37	13	2900	3	60											
	65YW25-30-4	25	30	2900	4	58											
	65YW30-30-5.5	30	30	2900	5.5	58											
	65YW30-40-7.5	30	40	2900	7.5	55											
	65YW35-50-11	35	50	2900	11	42											
	65YW35-60-15	35	60	2900	15	41											
80	80YW40-7-2.2	40	7	2900	2.2	50	185	150	4-18	0.7~6	650×350	600×600	4-φ18	φ270	φ250	100	330
	80YW43-13-3	43	13	2900	3	48											
	80YW50-7-3	50	7	2900	3	52											
	80YW40-15-4	40	15	2900	4	48											
	80YW50-20-5.5	50	20	2900	5.5	50											
	80YW65-25-7.5	65	25	2900	7.5	51											
100	100YW70-7-3	70	7	1450	3	60	205	170	4-18	0.7~6	745×430	680×370	4-φ18	φ250	φ3004-φ18	120	330
	100YW85-10-4	85	10	1450	4	62											
	100YW65-15-5.5	65	15	1450	5.5	59											
	100YW100-15-7.5	100	15	1450	7.5	70											
	100YW85-20-7.5	85	20	1450	7.5	65											
	100YW100-25-11	100	15	1450	11	61											
	100YW100-30-15	100	30	1450	15	59											
	100YW100-35-18.5	100	35	1450	18.5	56											
150	150YW145-9-7.5	145	9	1450	7.5	63	260	225	8-18	1~6	1300×750	1220×680	6-φ18	φ300	φ3504-φ18	200	550
	150YW110-15-7.5	110	15	1450	7.5	61											
	150YW200-10-15	200	10	1450	15	64											
	150YW180-15-15	180	15	1450	15	62											
	150YW180-20-18.5	180	20	1450	18.5	74											
	150YW150-26-18.5	150	26	1450	18.5	72											
	150YW180-25-22	180	25	1450	22	69											
	150YW200-25-30	200	25	1450	30	65											
	150YW200-30-37	200	30	1450	37	65											
	150YW150-35-37	150	35	1450	37	63											
	150YW180-40-45	180	40	1450	45	59											
200	200YW300-7-11	300	7	980	11	75	315	280	8-18	1~6	1550×750	1420×680	6-φ18	φ3004-φ18	200	610	
	200YW250-11-15	250	11	1450	15	72											
	200YW250-15-18.5	250	15	1450	18.5	72											
	200YW400-10-22	400	10	1450	22	75											
	200YW300-15-22	300	15	1450	22	71											
	200YW400-13-30	400	13	1450	30	76											
	200YW300-18-30	300	18	1450	30	68											

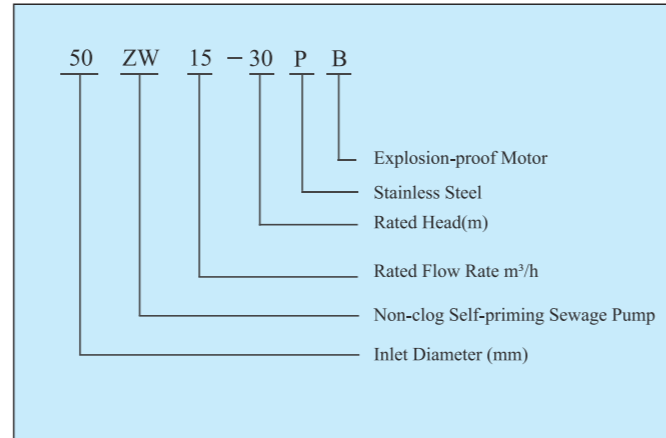
PERFORMANCE PARAMETERS AND INSTALLATION DIMENSIONS

Diameter	TYPE	Q(m³/h)	Head (mm)	speed r/min	power (kW)	efficiency (%)	Inlet flange			Underwater Depth L(m)	Dimension of Disc Installation				
							D	D1	n-φd1		CxE	C1xE1	n-d2	L1	L2
200	200YW250-22-30	250	22	1450	30	71	315	280	8-18	1~6	1500×750	1420×680	6-φ18	200	610
	200YW300-25-37	300	25	1450	37	71									
	200YW400-20-45	400	20	1450	45	74									
	200YW250-35-45	250	35	1450	45	69									
	200YW400-30-55	400	30	1450	55	72									
200YW200-60-75	200	60	1450	75	52										
250	250YW600-9-30	600	9	980	30	78	370	335	12-18	1~7	1500×850	1420×780	6-φ18	200	680
	250YW600-12-37	600	12	1450	37	76									
	250YW600-15-45	600	15	1450	45	73									
	250YW600-20-55	600	20	1450	55	73									
	250YW600-25-75	600	25	1450	75	71									
300	300YW800-12-45	800	12	980	45	74	435	395	12-23	1~7	1500×850	1420×780	6-φ18	200	680
	300YW800-20-75	800	20	1450	75	75									
	300YW950-20-90	950	20	1450	90	76									
	300YW950-24-110	950	24	1450	110	76									
350	350YW1500-7-45	1500	7	740	45	87	485	445	12-23	1~7	2000×1200	1900×1100	6-φ18	200	750
	350YW1100-10-55	1100	10	980	55	85									
	350YW1180-13-75	1180	13	980	75	84									
	350YW1130-18-90	1130	18	980	90	83									
	350YW1250-20-110	1250	20	980	110	83									
	350YW1500-20-132	1500	20	980	132	82									
	350YW1500-26-160	1500	26	980	160	83									
400	400YW2000-6-55	2000	6	740	55	86	535	495	16-23	1~7	2000×1200	1900×1100	6-φ18	200	750
	400YW1800-7-55	1800	7	740	55	85									
	400YW2500-7-75	2500	7	740	75	85									
	400YW1800-10-75	1800	10	740	75	85									
	400YW1690-12-90	1690	12	980	90	85									
	400YW2000-10-90	2000	10	980	90	85									
	400YW2000-13-110	2000	13	980	110	84									
	400YW2000-15-132	2000	15	980	132	83									
	400YW1700-22-160	1700	22	980	160	83									
	400YW2000-18-160	2000	18	980	160	85									
	400YW1950-23-185	1950	23	980	185	85									
	400YW1980-26-220	1980	26	980	220	83									
	400YW1800-32-250	1800	32	980	250	82									
450	450YW2300-10-90	2300	10	740	90	85	590	550	16-23	1~7	2500×1400	2400×1400	6-φ18	250	950
	450YW2250-11-110	2250	11	740	110	85									
	450YW2100-12-110	2100	12	740	110	83									
	450YW2260-14-132	2260	14	740	132	83									
	450YW2280-20-185	2280	20	740	185	82									
	450YW2300-25-250	2300	25	740	250	81									
	450YW2300-29-280	2300	29	740	280	80									
	450YW2100-36-315	2100	36	740	315	78									
500	500YW2500-10-110	2500	10	740	110	85	640	600	16-23	1~7	2500×1400	2400×1400	6-φ18	250	950
	500YW2500-16-160	2500	16	740	160	84									
	500YW2500-18-185	2500	18	740	185	83									
	500YW2500-12-132	2500	12	740	132	85									
	500YW2400-22-220	2400	22	740	220	85									
	500YW2650-24-250	2650	24	740	250	85									
600	600YW2400-28-280	2400	28	740	280	85	780	725	20-30	1~7	2500×1400	2400×1400	6-φ18	250	950
	600YW5400-8-185	5400	8	580	185	87									
	600YW4000-12-200	4000	12	580	200	86									
	600YW3550-15-200	3550	15	740	200	84									

ZW SERIES NON-CLOG SELF-PRIMING SEWAGE PUMP



TYPE MEANING



PERFORMANCE PARAMETERS AND INSTALLATION DIMENSIONS

TYPE	Q(m³/h)	Head (mm)	power (kW)	speed r/min	efficiency (%)	Cavitation allowance
ZW25-8-15	8	15	2.2	2900	45	2.0
ZW32-5-20	5	20	2.2	2900	45	2.5
ZW32-10-20	10	20	2.2	2900	45	2.5
ZW32-9-30	9	30	3	2900	48	2.5
ZW40-10-20	10	20	2.2	2900	45	2.5
ZW40-20-15	20	15	2.2	2900	45	2.5
ZW40-15-30	15	30	3	2900	48	2.5
ZW50-10-20	10	20	2.2	2900	45	2.5
ZW50-20-12	20	12	2.2	2900	45	2.5
ZW50-15-30	15	30	3	2900	48	2.5
ZW50-20-35	20	35	5.5	2900	48	2.5
ZW65-30-18	30	18	4	1450	45	2.5
ZW65-25-30	25	30	5.5	2900	50	3.0
ZW65-25-40	25	40	7.5	2900	50	3.0
ZW65-40-25	40	25	7.5	2900	50	3.0
ZW65-65-25	65	25	7.5	2900	52	3.0
ZW80-40-16	40	16	4	1450	50	3.0
ZW80-40-25	40	25	7.5	2900	50	3.0
ZW80-25-40	25	40	7.5	2900	50	3.0
ZW80-65-25	65	25	7.5	2900	52	3.0
ZW80-80-35	80	35	15	2900	45	3.0
ZW80-40-50	40	50	18.5	2900	50	3.0
ZW80-50-60	50	60	22	2900	55	3.0
ZW100-100-15	100	15	7.5	1450	50	4.0
ZW100-80-20	80	20	7.5	1450	53	4.0
ZW100-100-20	100	20	11	1450	53	4.0
ZW100-100-30	100	30	22	2900	53	4.0
ZW100-80-45	80	45	30	2900	55	4.0
ZW100-80-60	80	60	37	2900	53	4.0
ZW100-80-80	80	80	45	2900	50	4.0
ZW125-120-20	120	20	15	1450	55	4.5
ZW150-180-14	180	14	15	1450	60	5.0
ZW150-180-20	180	20	22	1450	60	5.0
ZW150-180-30	180	30	37	1450	65	5.0
ZW150-180-38	180	38	55	1450	45	5.0
ZW200-280-14	280	14	22	1450	65	5.0
ZW200-280-20	280	20	37	1450	62	5.0
ZW200-300-25	300	25	45	1450	59	5.0
ZW200-280-28	280	28	55	1450	55	4.8
ZW250-420-20	420	20	55	1450	61	6.0
ZW300-800-14	800	14	55	1450	65	6.0

PROFILE

ZW series non-clog self-priming sewage pump embodies self-priming and non-clogging functions. Like common clean water self-priming pump, it doesn't need foot valve and guide water. It can handle mediums containing granules and long fiber. It is characterized by robust self-priming easy operation, simple installation and steady performance.

APPLICABILITY

1. Ambient temperature $\leq 45^{\circ}\text{C}$ and medium temperature $\leq 60^{\circ}\text{C}$;
2. Medium PH value, 6~9 for cast-iron and 1~14 for stainless steel;
3. The maximum deliverde diameter of granule is 60% of its caliber and fiber of length is 5 times of its caliber;
4. The total weight of impurities in medium should not exceed 15% of that of medium, and medium density not exceeding 1240kg/m^3 ;
5. The heighe above sea level of service location should not exceed 1,000 meters. If beyond, clarify when placing an order for our concenience to provide you with more reliable products.

INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS:

It is forbidden to pull cables with force in the installation and removal of electric pump to avoid wires breaking and joint delinking which lead to normal operation failure and even bums;

Please ensure correct and reliable cable earthing in the installation of electric pump. It is forbidden for humans or animals to approach operational water area or touch the electric pump when it is working. In order to reduce electric shock risks, it can only be connected with earthing pulg;

Overload operation is forbidden;

The cables associated with pumps should not be less than 1.2 times of the electric pump area;

The electric pump must be fastened in the installation. But the cables can not be checked for any reverse rotation or the check valve at the water outlet mouth should be checked for any residual air;

Once the pump does not produce water in the operation, the electric pump should be checked for any reverse rotation or the check valve at the water outlet mouth should be checked for any residual air.

Phase-to-phase and relative ground-to-ground insulation resistance of the motor of electric pump should be inspected on a regular basis with the resistance no lower than $2\text{M}\Omega$. Otherwise, the equipment should be disassembled for inspection and repair;

After half a year of nomal operation under stipulated working conditions, the electric pump should be checked for oil room sealing condition. Once the oil is emulsified or sedimented water comes out, 10# machine oil and mechanical seal parts should be replaced in a timely manner.

One large-scale repair work should be conducted after normal operation for one year: worn parts should be replaced, fasteners should be inspected and lubricant should be supplemented and replaced to ensure excellent lubrication in the normal operation;

Please clean the electric pump and wipe out beads if not in use.

WQ(QW)、JYWQP、WQZG故障分析和排除
WQ、QW MALFUNCTION ANALYSIS AND ELIMINATION

malfunction	cause analysis	elimination methods
Inadequate flow or no water	mistaken blade item	adjust any two phase sequence of the power circuits
	openness and completeness of outlet valve	inspect valve
	left air in the pipes between valve and pump makes it difficult to open the valve	discharge air in the pipes
	too low rotation speed	check the power supply for voltage degree
	excessive seal ring abrasion	replace
	high density or viscosity in the liquid	change the density and viscosity of liquid
	pipe and blade blockage	eliminate obstacles in the pipes and blades
Unstable Electric Pump operation	blade imbalance	replace or operate wheel balancing
	bearing damage	replace
	overload operation	adjust valve to avoid electric pump overload
	sliding installation	installation again
low insulation resistance	leakage in the wiring end of cable and power circuits	fasten and press nuts tightly
	cable wires damage or water entering from head	replace
	mechanical seal abrasion	replace
	O-shaped seal ring aging and failure	replace
Excessive Current	low working voltage	adjust working voltage
	blade blockage or stuck-up	clean obstacles in the pipes and liquid
	high density or viscosity in the liquid	change the density and viscosity of liquid
	excessive valve openness	adjust valve openness

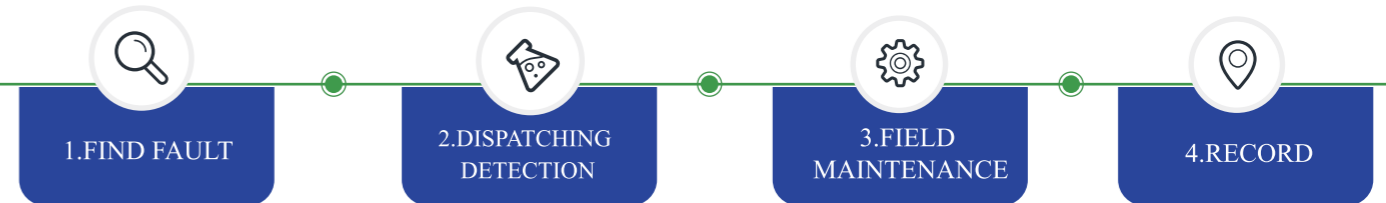
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MULTIVARIATE-SALES-RADIATION ACROSS THE COUNTRY



YIMAI FOCUSES ON PROVIDING CUSTOMERS WITH A FULL LIFE CYCLE SERVICE. THE MOMENT WE FIRST MEET YOU, OUR SERVICE HAS QUIETLY ARRIVED, AND EVERY MOMENT OF COMMUNICATION WITH YOU, OUR SERVICE IS EVERYWHERE.



PRODUCT LIFECYCLE MANAGEMENT

