

# GW SERIES NON-CLOG PIPELINE TYPE SEWAGE PUMP



## PRODUCT 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.

## SERVICE CONDITIONS

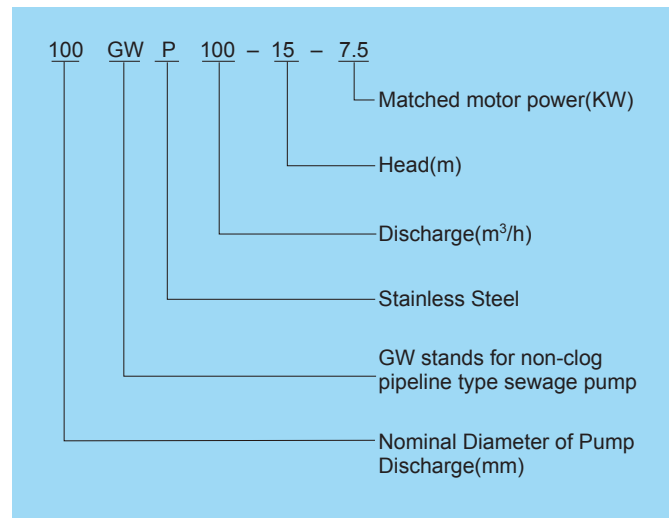
1. Ambient temperature  $\leq 40^{\circ}\text{C}$ , humidity  $\leq 95\%$  and height above sea level  $\leq 1000$  meters. If beyond, clarify when placing an order.
2. Medium temperature not exceeding  $60^{\circ}\text{C}$  and medium weight from  $1\sim 1.3\text{kg}/\text{dm}^3$ .
3. The applicable 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 1000 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 Dimension of Base Installation.

## 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.

## TYPE MEANING



**PERFORMANCE PARAMETER AND INSTALATION DIMENSIONS**

Caliber (mm)	Type	Q (m <sup>3</sup> /h) Discharge	Head (m)	r/min Rotary Speed	kW Power	% Efficiency	Inlet Flange			Installation Hole for Base			Outline Dimensions		
							D	D <sub>1</sub>	n-Φd <sub>1</sub>	C×E	C <sub>1</sub> ×E <sub>1</sub>	4-Φd <sub>2</sub>	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									
	40GW15-30-2.2	15	30	2900	2.2	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									
	50GW15-30-2.2	15	30	2900	2.2	51									
	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										
65	65GW25-15-2.2	25	15	2900	2.2	52	160	130	4-Φ14	Φ200	Φ170	4-Φ12	150	375	525
	65GW37-13-3	37	13	2900	3	60									
	65GW25-30-4	25	30	2900	4	58									
	65GW25-35-5.5	25	35	2900	5.5	49									
	65GW35-50-11	35	50	2900	11	59									
	65GW35-60-15	35	60	2900	15	58									
80	80GW40-7-2.2	40	7	1450	2.2	50	185	150	4-Φ14	Φ200	Φ200	4-Φ12	192	470	525
	80GW43-13-3	43	13	2900	3	61									
	80GW40-15-4	40	15	2900	4	57									
	80GW50-20-5.5	50	20	2900	5.5	60									
	80GW65-25-7.5	65	25	2900	7.5	56									
	80GW80-15-7.5	80	15	2900	7.5	45									
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									
	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	150GWI45-9-7.5	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	110
	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 PARAMETER AND INSTALLATION DIMENSIONS**

Caliber (mm)	Type	Discharge $Q$ (m <sup>3</sup> /h)	Head (m)	Rotary Speed (r/min)	Power (kW)	Efficiency (%)	Inlet Flange			Installation Hole for Base			Outline Dimensions		
							D	D <sub>1</sub>	n- $\Phi$ d <sub>1</sub>	C×E	C <sub>1</sub> ×E <sub>1</sub>	4- $\Phi$ d <sub>2</sub>	A	L	H
200	200GW250-22-30	250	22	1450	30	70	315	280	8- $\Phi$ 18	350×300	300×250	4- $\Phi$ 22	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- $\Phi$ 18	400×350	350×300	4- $\Phi$ 22	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- $\Phi$ 23	500×400	450×350	4- $\Phi$ 22	415	1130	1700
	300GW480-15-45	480	15	1450	45	66									
	300GW400-20-45	400	20	1450	45	64									
	300GW600-20-55	600	20	1450	55	73									
	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**
