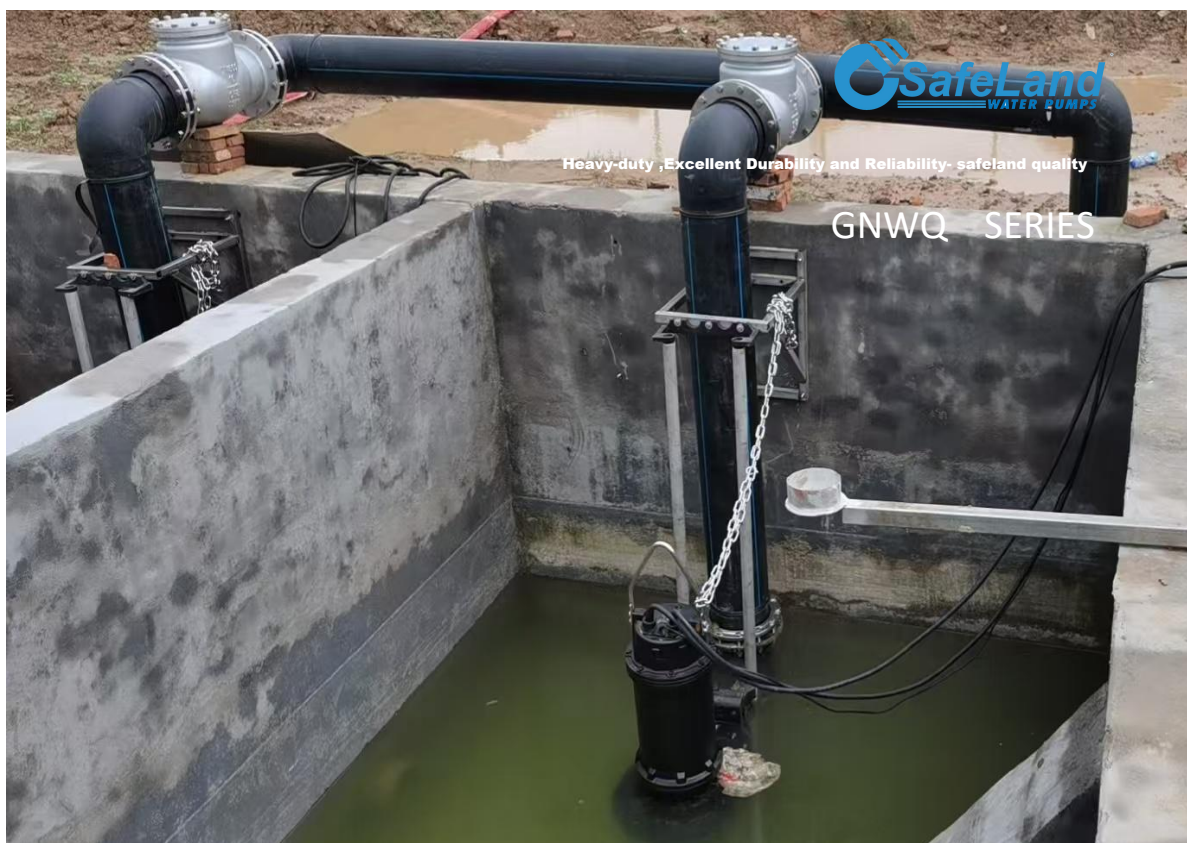




GRINDER CUTTING NONE CLOGGING

Submersible sewage Pumps

0.75KW-110KW DN50-DN300 semi-open ss420 impeller



From 0.18kw-1.1kw



Reliable Quality



Strong Suction



100% Copper Wire Motor



Vortex impeller



Strong cutter



PRODUCT FEATURES

	Epoxy Cable Base An epoxy resin seal cable base prevents moisture from entering the motor through the core wires.		Nice precision cast iron Pump body is made of precision cast iron and G-20 material make pump nice ,firm, reliable,durable and long service life.
	Auto-cut thermal protector The Auto-cut thermal protector will be activated and cut the power off automatically if motor run in abnormal electric and temperature. The protector can revert when the motor temperature returns to normal.installed by single phase motor .three phase without this protector.		Mechanical Seal A double mechanical seal consists of two seals arranged in a series. Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.



Vortex impeller



Strong cutter

FEATURES

- 1.Vortex semi-open impeller insure through big solid size
- 2.material for the cutter and cutter ring:high-chromium stainless steel 420 and the hardness is HRC49-52 provide good wearing resistance.



glove



condom



refreshing towel



glove



towel



diaper



plastic bag



woven



carpet

After pump cutting drainage out



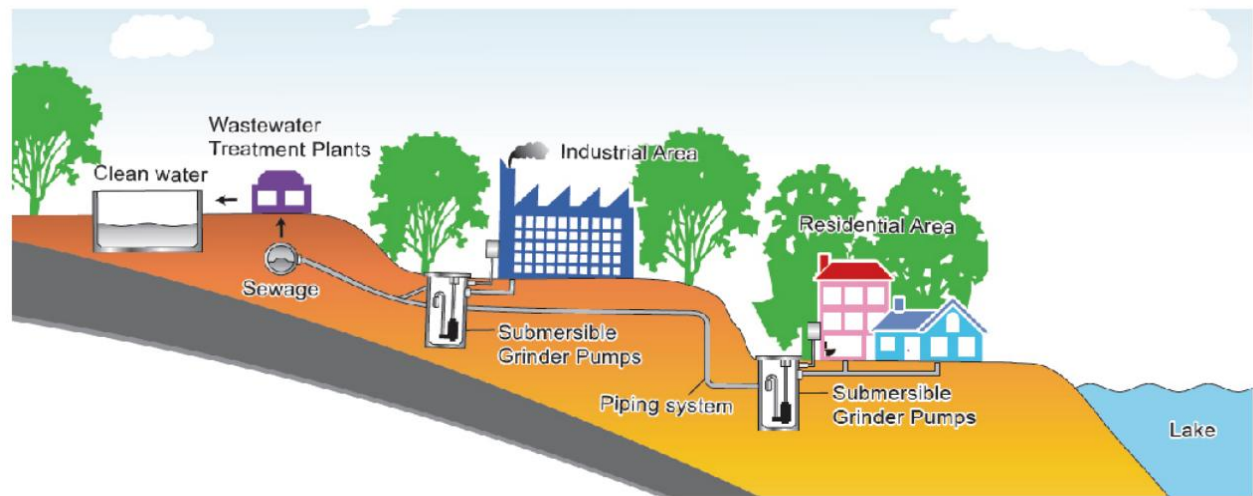




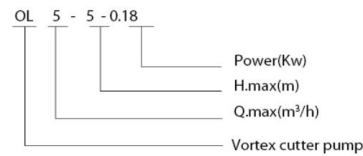

OL CUTTING SERIES Non-clogging Sewage Submersible Pump

APPLICATIONS:

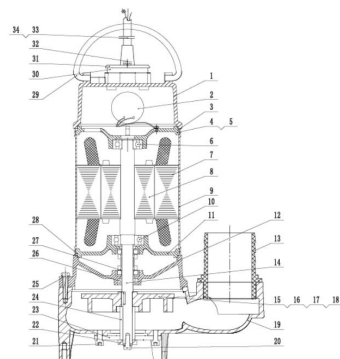
Household ,hotel,apartment building drainage of wastewater .Like toilet ,kitchen ,bathroom wastewater.
Commercial building ,industrial area and amusement place drainage
School ,hospital ,government building and park drainage
Chicken farm,cow farm, pig farm ,fish farm ,slaughterhouse drainage



PRODUCT NOMENCLATURE



Item		Description
Limits of Use	Liquid Temp	0-40℃(32~104F)
	Applicatic	residential wastewat sewage
Type	Frequency	50Hz
	Motor	2P(2900Rpm) ·Dry motor
	Insulation	Class B(ClassF in option)
	Protection	IP68
	Protector	Auto-cut thermal protector for single phase (three phase without)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex



1	capacitor cover	G20	17	spring washer	standard component
2	capacitor	standard component	18	screw	standard component
3	O-ring	standard component	19	pump body	G20
4	back motor cover	G20	20	screw	standard component
5	Screw	standard component	21	screw	standard component
6	Up bearing	standard component	22	cutter	SS420
7	stator	standard componen	23	cutter ring	SS420
8	rotor	standard compon	24	shaft sleeve	SS420
9	screw	standard compon	25	oil seal	standard component
10	Down bearing	standard component	26	seal	standard component
11	front motor cover	G20	27	mechanical seal	standard component
12	oil tank	G20	28	O-ring	NBR
13	plastic outlet	ABS	29	handle	S/S304
14	shaft	DIN EN C45/SS420	30	cable sheath	NBR
15	impelle	G20	31	pressing plate	standard component
16	flat key	sandard component	32	cable	H05RNF /H07RNF

OL CUTTING SERIES Non-clogging Sewage Submersible Pump



OL5-5-0.18
OL6-6-0.37
without floatswitch

OL10-7-0.55
OL11-7.5-0.75
without floatswitch

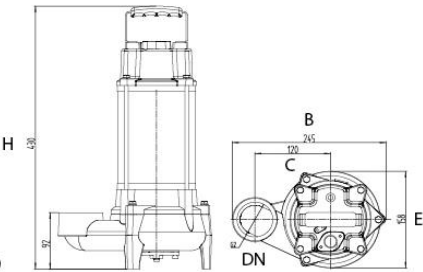
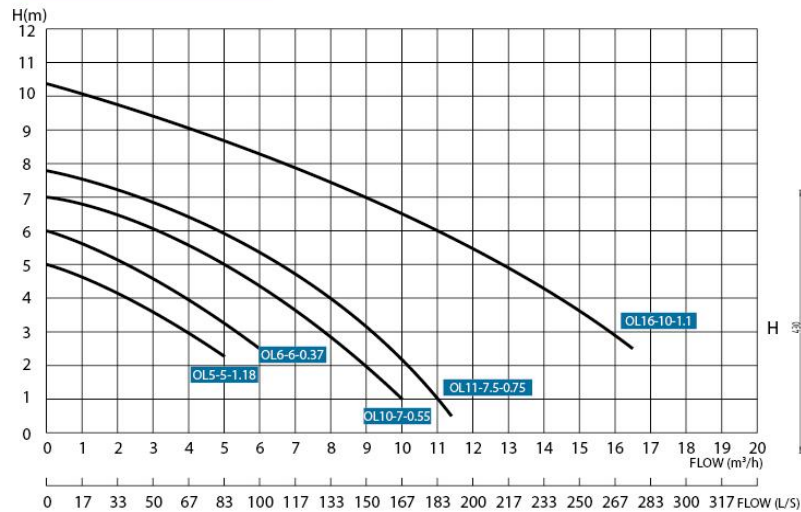
OL16-10-1.1
without floatswitch

OL5-5-0.18
OL6-6-0.37
with floatswitch

OL10-7-0.55
OL11-7.5-0.75
with floatswitch

OL16-10-1.1
with floatswitch

PERFORMANCE CURVE



Dimension

Mode	Driving motor P2(kw)		Q (m³/h)	Q (L/min)									
	Kw	Hp		0	2	4	5	6	8	10	11	16	18
OL5-5-0.18	0.18	0.25	H(m)	5	4	3	2						
OL6-6-0.37	0.37	0.5		6	5	4	3.3	2.5					
OL10-7-0.55	0.55	0.75		7	6.3	5.5	5	4.5	2.9	1			
OL11-7.5-0.75	0.75	1		7.5	6.9	6.3	5.9	5.5	4.3	2.7	1.9		
OL16-10-1.1	1.1	1.5		10	9	8.5	8.2	7.5	6.7	6.2	2.9	2.9	

G.W	Install Dimension(mm)					
	Kg	H	A	B	C	DN
9.8	335	72	173	85	112	1.25"
10.3	335	72	173	85	112	1.25"
14.5	372	86	223	110	140	2"
15.5	372	86	223	110	140	2"
18	430	92	245	120	158	2"





PRODUCT FEATURES



Epoxy Cable Base

An epoxy resin seal cable base prevents moisture from entering the motor through the core wires.



Heavy duty bearing

from 3Kw use 3pcs heavy duty bearing



Auto-cut motor protector

Auto-cut thermal protector the Auto-cut protector will be activated and cut the power off automatically if motor run in abnormal electric and excess.

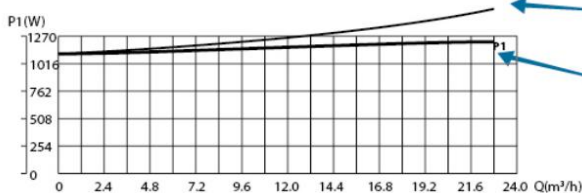
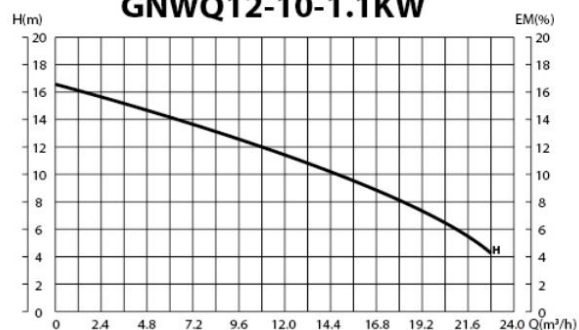


Mechanical Seal

A double mechanical seal consists of two seals arranged in a series. Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.

GNWQ SERIES CUTTING PUMP CURVE

GNWQ12-10-1.1KW



Vortex impeller



Strong cutter

Cutter Impeller With Cutter Ring

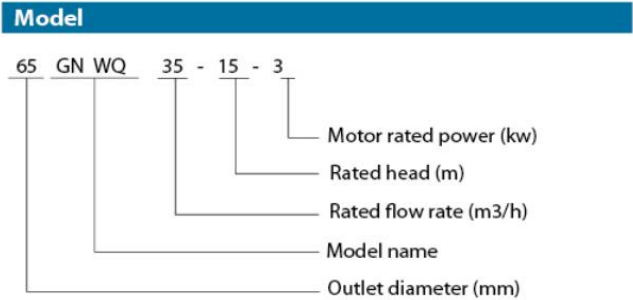
- 1.the impeller with non clogging design with design right
- 2.material for the impeller and cutter ring:high-chromium stainless steel 420 and the hardness is HRC49-52 provide good wearing resistance.

Normal sewage pump the power need very big when use the big flow point.and motor will be heating and burn broken

OLBIN GNWQ pump can use every point flowrate.and power is almost one level.motor temperature is almost same level.

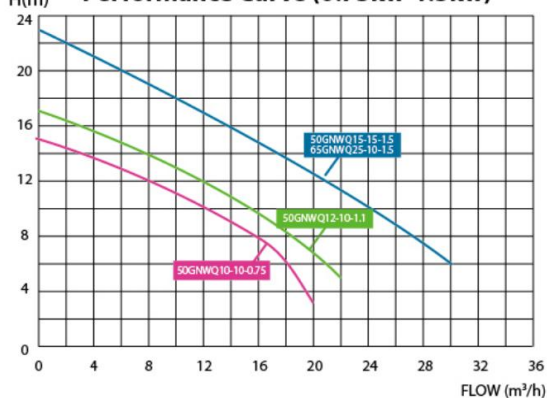


Item	Description	
Limits of Use	liquid Temp	0-40 ℃(32-104℉)
	Applicable	residential wastewater sewage
Type	Frequency	50Hz
	Motor	2P(2900Rpm) · Dry motor
	Insulation	Class B(ClassF in option)
	Protection	IP68
	Protector	Auto-cut thermal protector for single phase (three phase without)
	Bearing	Ball type
	mechanical seal	Double M.seals
	Impeller	Vortex



PERFORMANCE CURVE

Performance Curve (0.75kw-1.5kw)



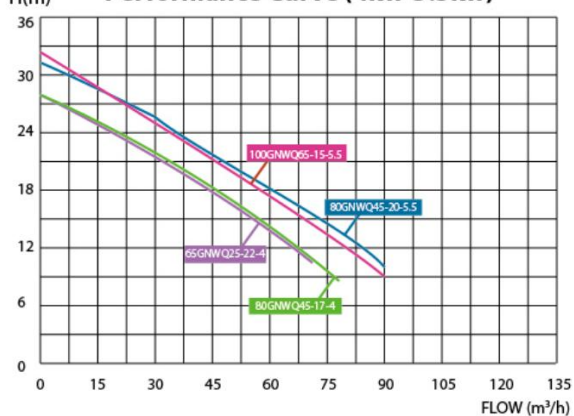
Performance Table (0.75kw-1.5kw)

Model	Driving motor P2(kw)		Q(m³/h)	0	4	8	12	16	20	22	28	30
	Kw	Hp	Q/L/min	0	67	133	200	267	333	367	467	500
50GNWQ10-10-0.75	0.75	1	H(m)	15	14	12	10	8	3			
50GNWQ12-10-1.1	1.1	1.5		17	15	14	12	10	6.5	5		
50GNWQ15-15-1.5	1.5	2		23	21	19	17	15	13	12	7	6
65GNWQ25-10-1.5	1.5	2		23	21	19	17	15	13	12	7	6

Performance Table (2.2kw-3kw)

Model	Driving motor P2(kw)		Q(m³/h)	0	10	20	30	38	47	60	70	80	90
	Kw	Hp	Q(L/min)	0	167	333	500	633	783	1000	1167	1333	1500
50GNWQ9-22-2.2	2.2	3	H(m)	22	20	18	14	10					
65GNWQ25-15-2.2	2.2	3		24	20	16	13	10	5.5				
80GNWQ45-9-2.2	2.2	3		25	22	19	15	11	5				
50GNWQ20-22-3	3	4		32	27	23	17	13					
65GNWQ35-15-3	3	4		25	22	19	16	13					
80GNWQ43-13-3	3	4		23	20	18	15	13	9	3.5			

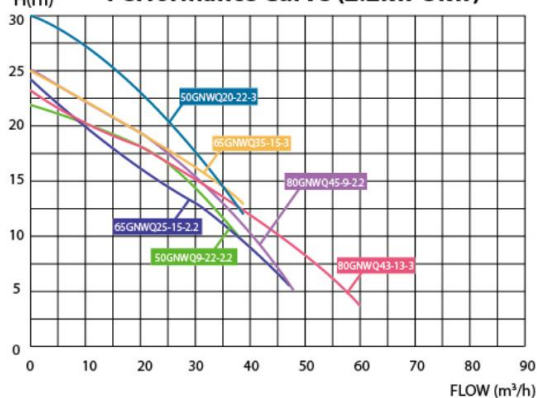
Performance Curve (4kw-5.5kw)



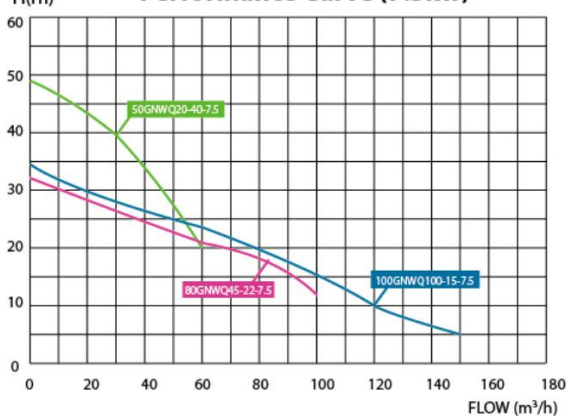
PerformanceTable (4kw-7.5kw)

Model	Driving motor P2(kw)		Q(m³/h)	Q(L/min)													
	Kw	Hp		0	10	20	30	38	47	60	70	76	90	100	107	120	150
65GNWQ25-22-4	4	5.5	H(m)	0	167	333	500	633	783	1000	1167	1267	1500	1667	1783		
80GNWQ45-17-4	4	5.5		28	26	24	22	19	17	14	10						
80GNWQ45-20-5.5	5.5	7.5		28	26	23	21	19	17	14	10	8.5					
100GNWQ65-15-5.5	5.5	7.5		31	29	27	26	23	21	18	16	14	10				
50GNWQ20-40-7.5	7.5	10		32	29	26	25	22	20	18	15	13	9				
80GNWQ45-22-7.5	7.5	10		49	46	44	40	35	29	20							
100GNWQ100-15-7.5	7.5	10		32	30	28	26	25	23	21	20	18	16	12			
				34	31	29	28	26	25	23	21	20	17	15	13	10	5

Performance Curve (2.2kw-3kw)



Performance Curve (7.5kw)

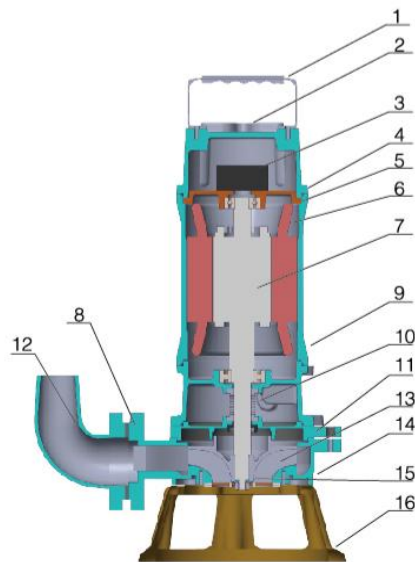


GNWQ SERIES Cutting Pump

Non-clogging Sewage Submersible Pump PUMP SPECIFICATION TABLE

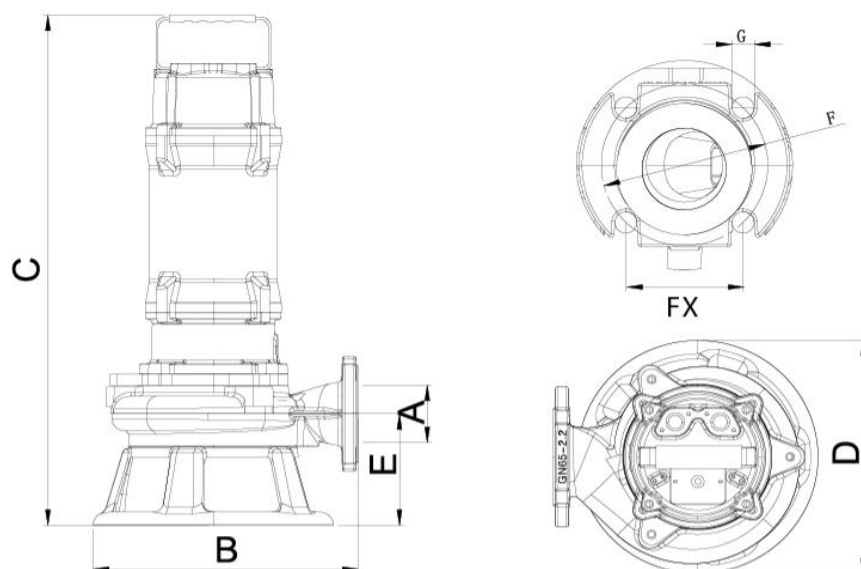
Pole	Model	Output HP(kW)	Discharge Inch(mm)	Phase ∅	Start	Start Standard		Solid Passage mm(inch) without cutter ring
						m-m³/hr	ft-GPM	
2P	50GNWQ10-10-0.75	1(0.75)	2"(50)	1	direct	10-10	32.8-36.7	20(0.8)
				3				
	50GNWQ12-10-1.1	1.5(1.1)	2"(50)	1	direct	10-12	32.8-44	20(0.8)
				3				
	50GNWQ15-15-1.5	2 (1.5)	2"(50)	1	direct	15-15	49.2-55	20(0.8)
				3				
	65GNWQ25-10-1.5	2 (1.5)	2.5"(65)	1	direct	10-25	32.8-91.7	26(1)
				3				
	50GNWQ9-22-2.2	3 (2.2)	2"(50)	3	direct	22-9	72.2-33	20(0.8)
	65GNWQ25-15-2.2	3 (2.2)	2.5"(65)	3	direct	15-25	49.2-91.7	26(1)
	80GNWQ45-9-2.2	3 (2.2)	3"(80)	3	direct	9-45	29.5-165	32(1.25)
	50GNWQ20-22-3	4 (3)	2"(50)	3	direct	22-20	72.9-73.3	20(0.8)
	65GNWQ35-15-3	4 (3)	2.5"(65)	3	direct	15-35	49.2-128.3	26(1)
	80GNWQ43-13-3	4 (3)	3"(80)	3	direct	13-43	42.7-157.7	32(1.25)
	65GNWQ25-22-4	5.5(4)	2.5"(65)	3	direct	22-25	72.2-91.7	26(1)
	80GNWQ45-17-4 (High efficiency Edition)	5.5(4)	3"(80)	3	direct	17-45	55.8-165	32(1.25)
	80GNWQ45-20-5.5	7.5(5.5)	3"(80)	3	direct	20-45	65.6-165	32(1.25)
	100GNWQ65-15-5.5	7.5(5.5)	4"(100)	3	direct	15-65	49.2-238.3	40(1.5)
	50GNWQ20-40-7.5	10(7.5)	2"(50)	3	direct	40-20	131.2-73.3	20(0.8)
	80GNWQ45-25-7.5	10(7.5)	3"(80)	3	direct	25-45	82-165	32(1.25)
	100GNWQ100-15-7.5	10(7.5)	4"(100)	3	direct	15-100	49.2-366.7	40(1.5)

1	Handle	9	Motor body
2	Cable	10	Mechanical seal
3	capacitor	11	Screw
4	Cap	12	Elbow
5	Thermal protector	13	impeller
6	stator	14	Pump body
7	rotor	15	Cutter ring
8	outlet	16	Base



GNWQ SERIES Cutting Pump

Non-clogging Sewage Submersible Pump



PUMP SIZETABLE

Model	Weight (kg)(lb)		Dimensions(mm)						
	1ø	3ø	A	B	C	D	E	F	G
50GNWQ10-10-0.75	23.55(51.92)		40	205	430	175	74	110	15
50GNWQ12-10-1.1	23.7(52.2)		40	205	430	175	74	110	15
50GNWQ15-15-1.5	37.25(82.1)		50	250	568	240	117	110	15
65GNWQ25-10-1.5	—	36.1(79.6)	65	250	568	240	117	110	15
50GNWQ9-22-2.2	—	40.1(88.4)	50	295	585	265	127	130	15
65GNWQ25-15-2.2	—	41.4(91.3)	65	295	585	265	127	130	15
80GNWQ45-9-2.2	—	43.4(95.7)	80	295	585	265	127	130	15
50GNWQ20-22-3	—	45.8(101)	50	280	575	240	123	110	15
65GNWQ35-15-3	—	46.6(102.7)	65	280	575	240	123	110	15
80GNWQ43-13-3	—	47.4(104.5)	80	280	575	240	123	110	15
65GNWQ25-22-4	—	52.2(115.1)	65	315	590	265	127	130	15
80GNWQ45-17-4 (High efficiency Edition)	—	52.9(116.6)	80	315	590	265	127	130	15
80GNWQ45-20-5.5	—	62.15(137)	80	325	650	268	131	160	18
100GNWQ65-15-5.5	—	63.6(140.2)	100	325	650	268	131	160	18
50GNWQ20-40-7.5	—	70.8(156.1)	50	335	660	285	137	160	18
80GNWQ45-25-7.5	—	72(158.7)	80	335	660	285	137	160	18
100GNWQ100-15-7.5	—	73.5(162)	100	335	660	285	137	160	18





PRODUCT FEATURES

Vortex impeller **Strong cutter**

Cutter Impeller With Cutter Ring

- 1.the impeller with non clogging design.
- 2.material for the impeller and cutter ring:high-chromium stainless steel 420 and the hardness is HRC49-52 provide good wearing resistance.

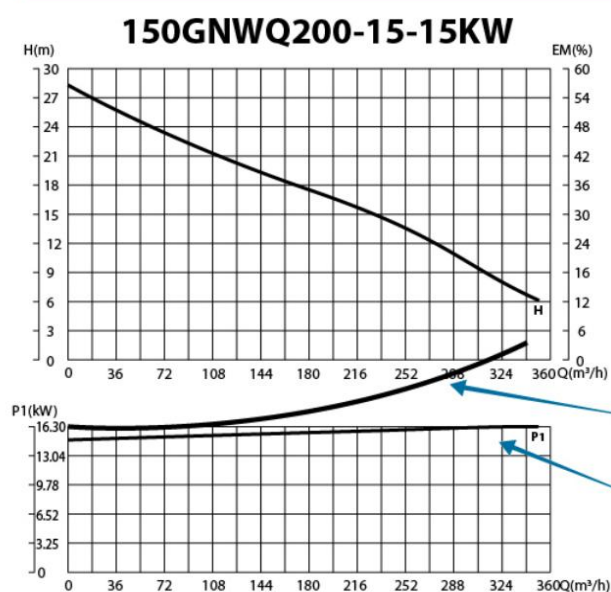
Heavy duty bearing

Heavy duty bearing and ss420 shaft

Mechanical Seal

A double mechanical seal consists of two seals arranged in a series. Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.

GNWQ SERIES CUTTING PUMP CURVE



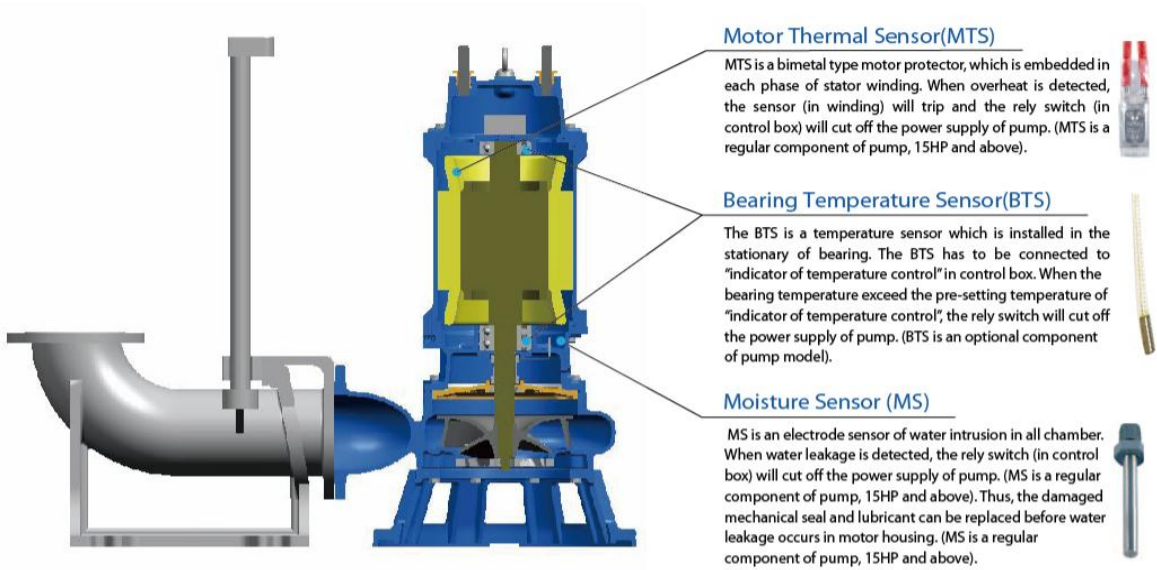
NORMAL SEWAGE PUMP will clog by the rubbish inside wastewater
GNWQ Non clogging pump good solve these problem..

Normal sewage pump the power need very big when use the big flow point.and motor will be heating and burn broken

OLBIN GNWQ pump can use every point flowrate.and power is almost one level.motor temperature is almost same level.

Characteristic

- 1.Vortex semi-open impeller insure through big solid size
- 2.material for the cutter and cutter ring: high-chromium stainless steel 420 and the hardness isHRC49-52 provide good wearing resistance.



PRODUCT NOMENCLATURE

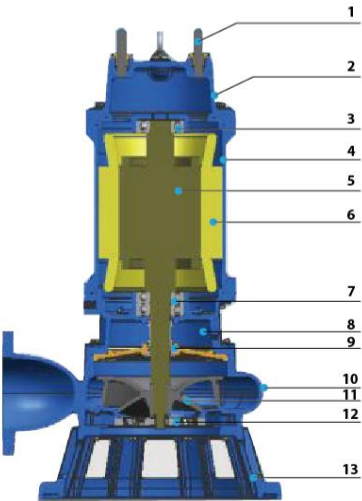
100	GNWQ	60	24	11
Outlet Size(mm)	Pump Type	Rated Flow	Rated head	Power

APPLICATIONS:

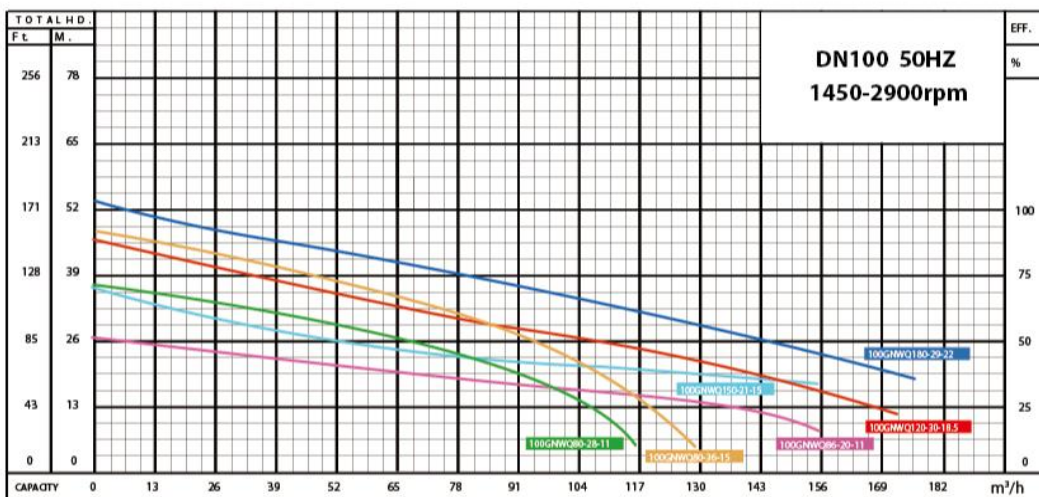
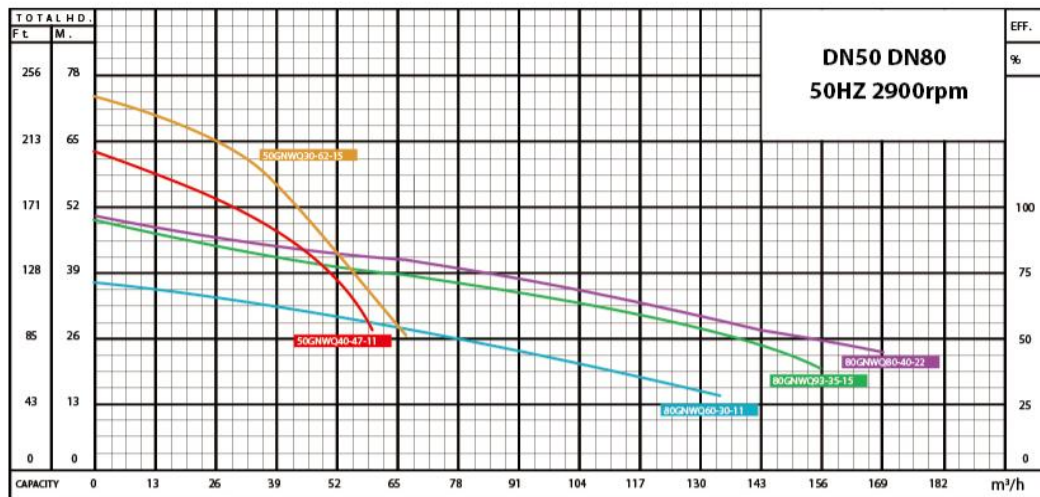
- Drainage of wastewater in river ,waste water athreatment factory.
- Commercial building ,industrial area and amusement place drainage.
- School ,hospital ,government building and park drainage.
- Chicken farm,cow farm, pig farm ,fish farm ,slaughterhouse drainage.

Item	Description	
Limits of Use	Liquid Temp.	0-40℃(32~104F)
	Applications	wastewater,sewage
Type	Frequency	50Hz
	Motor	4P(1450Rpm).Dry motor
	Insulation	Class F
	Protection	IP68
	Protector	Thermal protect for motor ,bearing ,moisture sensor. (other protector in control box)
	Bearing	
	mechanical seal	Ball type
	Impeller	Double M.seals
	Impeller	Vortex non-clogging cutter impeller

1	Cable	8	lubricant
2	motor upper cover	9	Mechanical seal
3	bearing	10	pump casing
4	motor frame	11	impeller
5	motor rotor	12	cutter ring
6	motor stator	13	base
7	bearing		

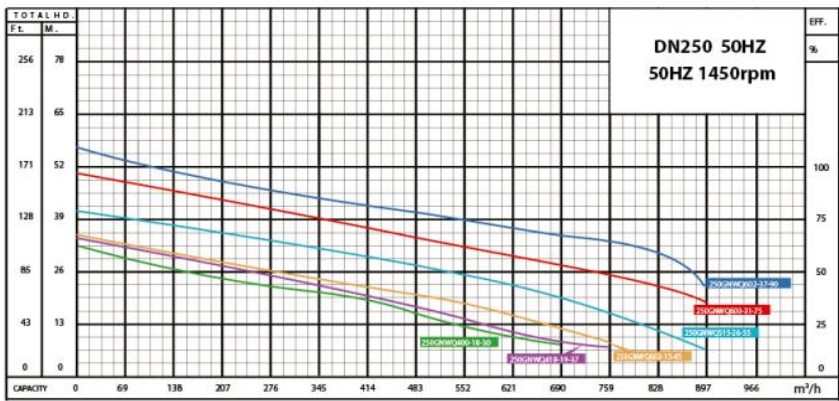
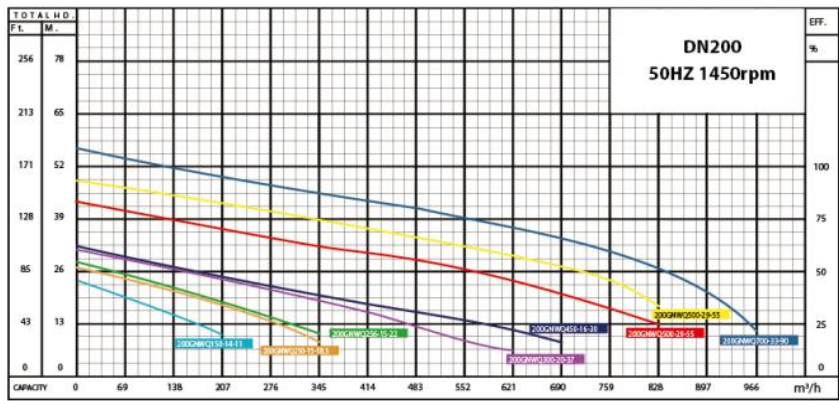


PERFORMANCE CURVE



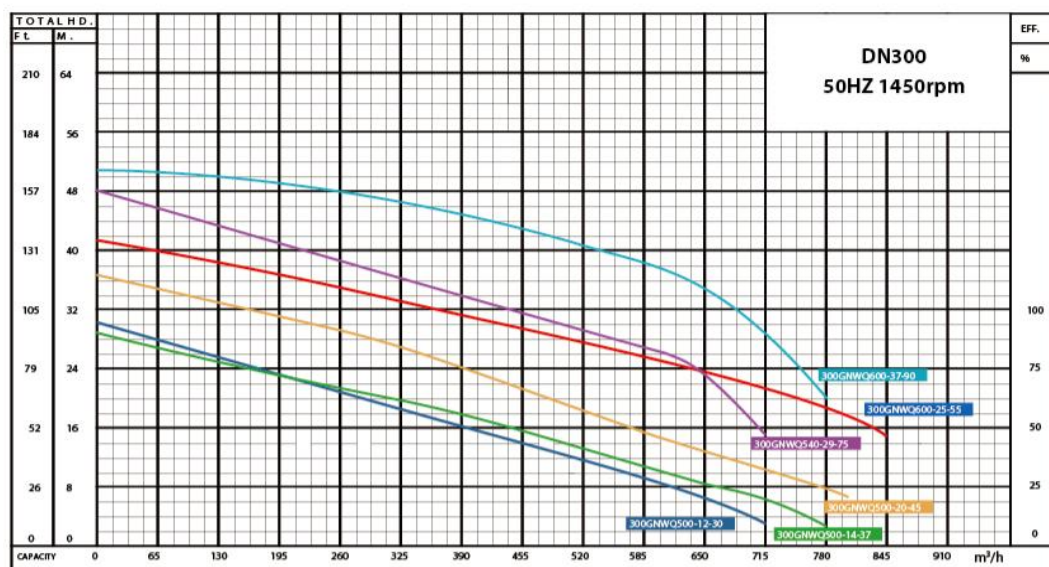
50GNCWQ CURVE 2900 rpm																		
Model	Motor Power		Q(m³/h)	0	5	10	15	20	25	30	35	40	45	50	55	60	67	70
	KW	HP	Q(L/min)	0	83.3	167	250	333	417	500	583	667	750	833	917	1000	1117	167
50GNWQ40-47-11	11	15	H(m)	62.7	60.8	60	59	57.6	55.9	53	50.8	47.8	43.6	39	34	28.5		
50GNWQ30-62-15	15	20		74.1	72.5	70.7	69.5	37.5	65	62.6	58.5	56	50	45	42.7	35.2	27	
80GNCWQ CURVE 2900 rpm																		
Mode	Motor Power		Q(m³/h)	0	13	26	39	52	65	78	91	104	117	130	143	156	169	182
	KW	HP	Q(L/min)	0	217	433	650	867	1083	1300	1517	1733	950	2167	2383	2600	2817	3033
80GNWQ60-30-11	11	15	H(m)	37.8	36	24.2	32.5	29.8	28.5	26	24	21.8	19.2	15.6				
80GNWQ93-35-15	15	20		49.2	47	45.5	42.5	41	38.5	37	35.5	32.8	31.5	37.5	25	20		
80GNWQ80-40-22	22	30		49.8	49	46.2	44.5	43	41.5	40	37	35.6	33	30	28.5	26	23.6	
100GNCWQ CURVE 1450rpm																		
Mode	Motor Power		Q(m³/h)	0	18	36	54	72	90	108	126	144	162	180	198	216	234	240
	KW	HP	Q(L/min)	0	300	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4000
100GNWQ86-20-11	11	15	H(m)	26.1	25.5	23.5	22.3	21.5	19.8	18.5	17.5	16.1	4.5	12.6	11.3	8.9		
100GNWQ150-21-15	15	20		36	32	29.5	28.2	26	24	23	22	21.7	20.3	19.8	17.5	17		
100GNCWQ CURVE 2900 rpm																		
100GNWQ80-28-11	11	15	H(m)	38.6	36.5	24	31.8	28.5	26.7	24	20.5	15.5	5.4					
100GNWQ80-36-15	15	20		48.4	46.3	43.5	40.3	36.4	34.5	32	27.5	22.5	14.1	5.7				
100GNWQ120-30-18.5	18.5	25		46.2	43.5	40.5	38.8	36.4	34	31.8	28.5	27	23.5	22.2	19	16.5	13.5	11
100GNWQ180-29-22	22	30		53.8	52	49	45.8	43	40.5	38.5	36.8	34.5	31.5	29.7	27	25.5	21	20.5

PERFORMANCE CURVE



200GNCwQ CURVE 1450rpm																		
Model	Motor Power		Q(m³/h)	0	69	138	207	276	345	414	483	552	621	690	759	828	897	966
	KW	HP	Q(L/min)	0	1150	2300	3450	4600	5750	6900	8050	9200	10350	11500	12650	13800	14950	16100
200GNWQ150-14-11	11	15	H(m)	24.2	19.7	15.5	10.0											
200GMvQ250-15-18.5	5186	25		27.2	23.3	20.1	16.8	13.5	9.5									
200GNWQ256-15-22	22	30		28.3	23.8	21.5	17.2	14.0	10.2									
200GNWQ450-16-30	30	40		32.3	30.0	28.0	24.2	22.5	20.5	8.0	15.5	13.3	11.0	9.2				
200GNWQ300-20-37	37	50		31.2	29.5	26.5	23.0	21.5	19.5	16.0	2.8	9.0	6.5					
200GNWQ500-29-55	55	75		43.6	40.5	38.4	36.0	35.0	32.5	30.1	29.2	27.1	24.5	21.5	18.2	14.6		
200GNWQ600-30-75	75	100		48.5	47.0	44.5	42.2	40.3	38.8	36.5	34.7	32.0	29.5	27.0	24.5	17.5		
200GNWQ700-33-90	90	120		56.0	53.5	52.4	49.7	48.5	46.0	43.0	41.2	38.8	36.5	34.0	31.5	26.6	22.1	12.8
250GNCWQ CURVE 1450rpm																		
Model	Motor Power		Q(m³/h)	0	69	138	207	276	345	414	483	552	621	690	759	828	897	966
	KW	HP	Q(L/min)	0	1150	2300	3450	4600	5750	6900	8050	9200	10350	11500	12650	13800	14950	16100
250GNWQ400-18-30	30	40	H(m)	32.2	30.1	27.5	24.5	22.5	20.3	19.4	16.5	2.8	9.5	7.6	0			
250GMWQ418-19-37	27	50		34.4	32.2	30.0	27.5	24.5	22.6	19.8	16.7	12.5	10.4	8.0	5.0			
250GNWQ603-15-45	45	60		35.5	33.5	31.5	28.6	26.4	23.5	22.0	19.5	17.6	13.5	10.8	7.2			
250GNWQ515-26-55	55	75		42.4	39.8	37.5	35.0	33.4	31.0	29.5	27.0	24.5	22.0	19.5	16.5	12.6	12.6	
250GNWQ600-31-75	75	100		50.7	47.8	45.6	43.2	41.8	38.5	36.5	35.7	32.5	29.5	28.5	26.4	22.6	22.6	
250GNWQ602-37-90	90	120		55.9	54.0	52.0	48.5	46.5	45.2	45.2	41.5	38.6	36.4	35.0	35.0	30.5	30.5	

PERFORMANCE CURVE



300GNCWQ CURVE 1450rpm

Model	Motor Power		Q(m³/h)	0	65	130	195	260	325	390	455	520	585	650	715	780	845	910
	KW	HP	Q(L/min)	0	1083	2167	3250	4333	5417	6500	7583	8667	9750	10833	11917	13000	14083	15167
300GNWQ500-12-30	30	40	H(m)	28.7	27.0	25.5	22.6	200.0	18.2	16.3	13.9	11.5	9.4	6.6	3.5			
300GNWQ500-14-37	37	50		30.3	28.0	25.5	23.3	20.9	18.5	18.0	15.5	13.4	11.2	8.2	6.3	3.0		
300GNWQ500-20-45	45	60		36.5	33.5	32.3	31.5	28.5	27.3	24.0	22.5	18.5	16.3	13.4	0.5	8.4	2.1	
300GNWQ600-25-55	55	75		41.7	40.2	38.5	36.5	348.0	33.4	31.5	29.6	27.4	25.3	22.5	21.4	18.5	4.2	3.6
300GNWQ540-29-75	75	100		48.0	46.3	44.2	40.5	38.8	36.6	33.8	31.5	29.5	26.4	22.7	15.5			
300GNWQ600-37-90	90	120		59.3	57.0	54.5	50.5	48.6	46.5	44.8	42.3	39.1	38.2	34.5	28.6	18.5		

PUMP SPECIFICATION TABLE

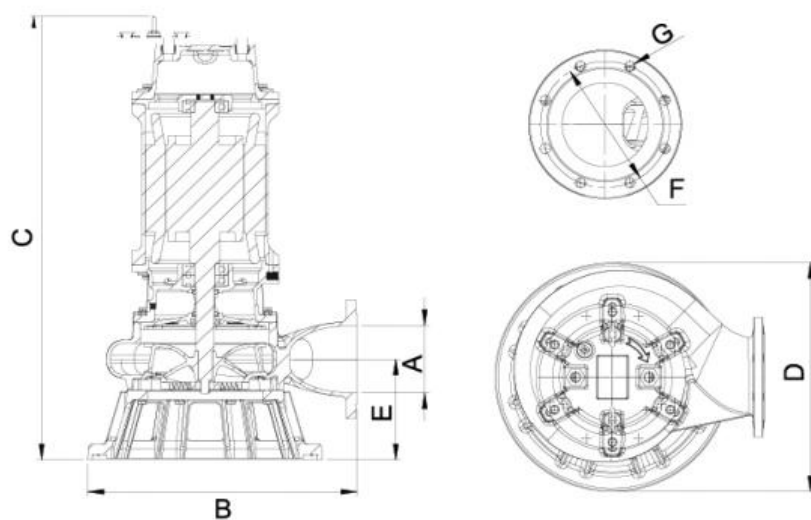
Pole	Model	Output HP(kW)	Discharge Inch(mm)	Phase	Start	Standard		Solid Passage mm(inch) without cutter ring
						m-m³/hr	ft-GPM	
4P	100GNWQ60-24-11	15(11)	4"(100)	3	direct/delta	25-80	82-293	40(1.5)
	150GNWQ150-15-11	15(11)	6"(150)	3	direct/delta	15-150	49-550	60(2.5)
	100GNWQ60-26-15	20(15)	4"(100)	3	direct/delta	30-80	98-293	40(1.5)
	150GNWQ200-15-15	20(15)	6"(150)	3	direct/delta	15-200	49-733	60(2.5)
	150GNWQ250-15-18.5	25(18.5)	6"(150)	3	direct/delta	15-250	49-917	60(2.5)
	200GNWQ350-10-18.5	25(18.5)	8"(200)	3	direct/delta	12-350	39-1283	80(3)
	150GNWQ300-15-22	30(22)	6"(150)	3	direct/delta	22-200	29.5-733	60(2.5)
	200GNWQ400-10-22	30(22)	8"(200)	3	direct/delta	10-400	33-1466	80(3)
	200GNWQ600-9-30	41(30)	8"(200)	3	direct/delta	9-600	30-2199	80(3)
	200GNWQ600-14-37	50(37)	8"(200)	3	direct/delta	12-600	39-2199	80(3)
	200GNWQ600-17-45	61(45)	8"(200)	3	direct/delta	15-600	49-2199	80(3)
	200GNWQ600-21-55	75(55)	8"(200)	3	direct/delta	20-600	56-2199	80(3)
	200GNWQ600-25-75	102(75)	8"(200)	3	direct/delta	25-600	82-2199	80(3)
	200GNWQ600-32-90	122(90)	8"(200)	3	direct/delta	30-600	98-2199	80(3)
	200GNWQ1000-26-110	136(110)	8"(200)	3	direct/delta	25-1000	82-3666	80(3)
	200GNWQ1000-30-132	180(132)	8"(200)	3	direct/delta	30-1000	98-3666	80(3)

PUMP SPECIFICATION TABLE

Model	VOLTAGE (V)	Current (A)	Motor power		Speed		Discharge Inch(mm)	Rated capacity (m³/h)	Rated head (m)	Max Capacity (m³/h)	Max head (m)	Impeller passage without cutter ring (mm)
			KW	HP	Rpm	Pole						
50GNWQ40-47-11	380V	20.1	11	15	2900	2	2"(50)	40	47	62.75	62.78	20
50GNWQ30-62-15	380V	27.5	15	20	2900	2	2"(50)	30	62	67.00	74.10	20
80GNWQ60-30-11	380V	20.1	11	15	2900	2	3"(80)	60	30	136.05	37.79	30
80GNWQ93-35-15	380V	27.5	15	20	2900	2	3"(80)	93	35	158.66	49.15	30
80GNWQ80-40-22	380V	40.3	22	30	2900	2	3"(80)	80	40	170.41	49.79	30
100GNWQ80-28-11	380V	20.1	11	15	2900	2	4"(100)	80	28	166.94	38.69	40
100GNWQ80-36-15	380V	27.5	15	20	2900	2	4"(100)	80	36	172.93	48.42	40
100GNWQ120-30-18.5	380V	33.9	18.5	25	2900	2	4"(100)	120	30	238.41	46.26	40
100GNWQ180-29-22	380V	40.3	22	30	2900	2	4"(100)	180	29	253.15	53.86	40
150GNWQ88-14-7.5	380V	13.7	7.5	10	2900	2	6"(150)	88	14	141.62	30.32	60
150GNWQ134-17-11	380V	20.1	11	15	2900	2	6"(150)	134	17	218.22	29.89	60
150GNWQ127-23-15	380V	27.5	15	20	2900	2	6"(150)	127	23	218.37	35.75	60
150GNWQ180-22-18.5	380V	33.9	8.5	25	2900	2	6"(150)	180	22	269.92	44.52	60
150GNWQ180-30-22	380V	40.3	22	30	2900	2	6"(150)	180	30	282.81	50.97	60
200GNWQ200-20-18.5	380V	33.9	18.5	25	2900	2	8"(200)	200	20	289.14	44.06	80
200GNWQ200-25-22	380V	40.3	22	30	2900	2	8"(200)	200	25	287.58	48.89	80
100GNWQ86-20-11	380V	20.1	11	15	1450	4	4"(100)	86	20	215.25	26.06	40
100GNWQ150-21-15	380V	27.5	15	20	1450	4	4"(100)	150	21	222.67	36.07	40
150GNWQ150-15-11	380V	20.1	11	15	1450	4	6"(150)	150	15	279.21	25.01	60
150GNWQ200-15-15	380V	27.5	15	20	1450	4	6"(150)	200	15	354.10	27.88	60
150GNWQ250-15-18.5	380V	33.9	18.5	25	1450	4	6"(150)	250	15	412.15	31.06	60
150GNWQ300-15-22	380V	40.3	22	30	1450	4	6"(150)	300	15	402.90	28.37	60
150GNWQ181-30-30	380V	54.9	30	40	1450	4	6"(150)	181	30	322.88	45.50	60
150GNWQ194-47-37	380V	67.7	37	50	1450	4	6"(150)	194	47	326.95	66.76	60
150GNWQ200-36-45	380V	82.4	45	60	1450	4	6"(150)	200	36	360.53	55.76	60
150GNWQ194-47-55	380V	100.7	55	75	1450	4	6"(150)	194	47	326.95	66.76	60
200GNWQ150-14-11	380V	20.1	11	15	1450	2	8"(200)	150	14	278.61	24.24	80
200GNWQ250-15-18.5	380V	33.9	18.5	25	1450	2	8"(200)	250	15	404.23	27.21	80
200GNWQ256-15-22	380V	40.3	22	30	1450	2	8"(200)	256	15	416.61	28.30	80
200GNWQ450-16-30	380V	54.9	30	40	1450	2	8"(200)	450	16	735.00	32.37	80
200GNWQ300-20-37	380V	67.7	37	50	1450	2	8"(200)	300	20	652.87	31.25	80
200GNWQ500-29-55	380V	100.7	55	75	1450	2	8"(200)	500	29	870.72	43.65	80
200GNWQ600-30-75	380V	137.3	75	100	1450	2	8"(200)	600	30	883.39	48.53	80
200GNWQ700-33-90	380V	164.8	90	120	1450	2	8"(200)	700	33	956.89	56.09	80
250GNWQ400-18-30	380V	54.9	30	40	1450	4	10"(250)	400	18	789.26	32.27	85
250GNWQ418-19-37	380V	67.7	37	50	1450	4	10"(250)	418	19	784.97	34.41	85
250GNWQ603-15-45	380V	82.4	45	60	1450	4	10"(250)	603	15	820.06	35.58	85
250GNWQ515-26-55	380V	100.7	55	75	1450	4	10"(250)	515	26	925.77	42.43	85
250GNWQ600-31-75	380V	137.3	75	100	1450	4	10"(250)	600	31	941.77	50.71	85
250GNWQ602-37-90	380V	164.8	90	120	1450	4	10"(250)	602	37	951.02	55.96	85
300GNWQ500-12-30	380V	54.9	30	40	1450	4	12"(300)	500	12	763.23	28.77	90
300GNWQ500-14-37	380V	67.7	37	50	1450	4	12"(300)	500	14	801.76	30.38	90
300GNWQ500-20-45	380V	82.4	45	60	1450	4	12"(300)	500	20	842.11	36.52	90
300GNWQ600-25-55	380V	100.7	55	75	1450	4	12"(300)	600	25	902.81	41.73	90
300GNWQ540-29-75	380V	137.3	75	100	1450	4	12"(300)	540	29	763.64	48.09	90
300GNWQ600-37-90	380V	164.8	90	120	1450	4	12"(300)	600	37	830.00	59.36	90

GNWQ series Cutting Pump

Non-clogging Sewage Submersible Pump



PUMP DIMENSION TABLE

Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	N(kg)
100GNWQ60-24-11	100	578	1038	475	240	170	18	219
150GNWQ150-15-11	150	588	988	510	225	225	18	226
100GNWQ60-26-15	100	578	1038	475	240	170	18	233
150GNWQ200-15-15	150	588	1018	510	225	225	18	241
150GNWQ250-15-18.5	150	618	1080	510	235	225	18	325
200GNWQ350-10-18.5	200	618	1135	520	265	295	22	334
150GNWQ300-15-22	150	618	1080	510	235	225	18	350
200GNWQ400-10-22	200	618	1135	520	265	295	22	359
200GNWQ600-9-30	200	730	1240	620	305	295	22	505
200GNWQ600-14-37	200	730	1240	620	305	295	22	538
200GNWQ600-17-45	200	730	1285	620	305	295	22	554
200GNWQ600-21-55	200	835	1396	735	385	295	22	772
200GNWQ600-25-75	200	835	1461	735	385	295	22	812
200GNWQ600-32-90	200	835	1520	735	385	295	22	1095
200GNWQ1000-26-110	200	835	1580	735	385	295	22	1210
200GNWQ1000-30-132	200	835	1630	735	385	295	22	1350



Auto-Coupling



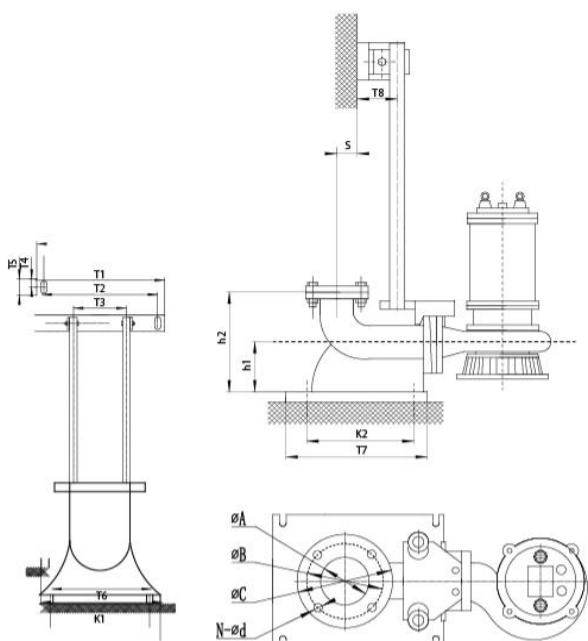
Fix to the pumps with flange conforming ISO7005-92 standard.
Sewage pump with standard flanged elbow can connect to this auto-coupling directly.

Supplied with

Coupling seat

Coupling adapter

Upper guide support



Dimensions table

Model	Ø A	Ø B		Ø C	N-Ø d	T1	T2	T3	T4	T5	T6	T7	T8	K1	K2	S	h1	h2
		6Kg	10Kg															
DN50	Ø 50/G2"	100	125	139	4-Ø 14	266	218	104	20.5	41	197	208	79	162	133	54.5	160	250
DN65	Ø 65/G2½"	130	145	160	4-Ø 14	280	236	126	25	50	228	235	95	186	155	91	166	266
DN80	Ø 80/G3	150	160	190	4-Ø 18	318	266	146	26	52	256	235	97	213	155	78	188	306
DN100	Ø 100/G4"	170	180	210	4-Ø 18	365	306	169	27.5	55	293	258	115	261	176	101	232	350
DN150	Ø 150/G6"	225	240	280	8-Ø 18	412	260	280	31	62	400	412	118	280	298	191	305	490
DN200	Ø 200/G8"	280	295	330	8-Ø 18	412	260	280	31	62	398	445	116	298	353	230	325	550
DN250	Ø 250/G10"	335	350	400	12-Ø 18	412	260	280	31	62	460	560	120	360	430	300	314	630
DN300	Ø 300/G12"	395	395	444	12-Ø 22	522	344	299	33	66	550	565	115	410	410	285	400	740

Weights &Packing dimensions

Model	N.W	G.W	Packing dimension
	kg	kg	mm
50-50(PN6)	17	19.5	350×320×245
65-65(PN6)	24	27	390×270×345
80-80(PN6)	31	34.5	410×290×395
100-100(PN6)	45	50	470×330×475
150-150(PN6)	96	105	700×440×610
150-150(PN10)	95	104	700×440×610
200-200(PN10)	132	142	770×440×650
250-250(PN10)	179	191	900×510×710
300-300(PN10)	230	245	940×570×810

Model	Guide pipe	Foulton		Upper bos
DN50	1"Ø 33.3×3.5	4-M25	4-M28	2-M13
DN65	1"Ø 33.3×3.5	4-M25	4-M28	2-M13
DN80	1½"Ø 48.3×3.5	4-M38	4-M42	2-M13
DN100	1½"Ø 48.3×3.5	4-M38	4-M42	2-M13
DN150	1½"Ø 48.3×3.5	4-M38	4-M42	2-M15
DN200	1½"Ø 48.3×3.5	4-M25	4-M25	2-M15
DN250	1½"Ø 48.3×3.5	4-M25	4-M25	2-M15
DN300	2"Ø 60.3×3.5	4-M25	4-M25	2-M16