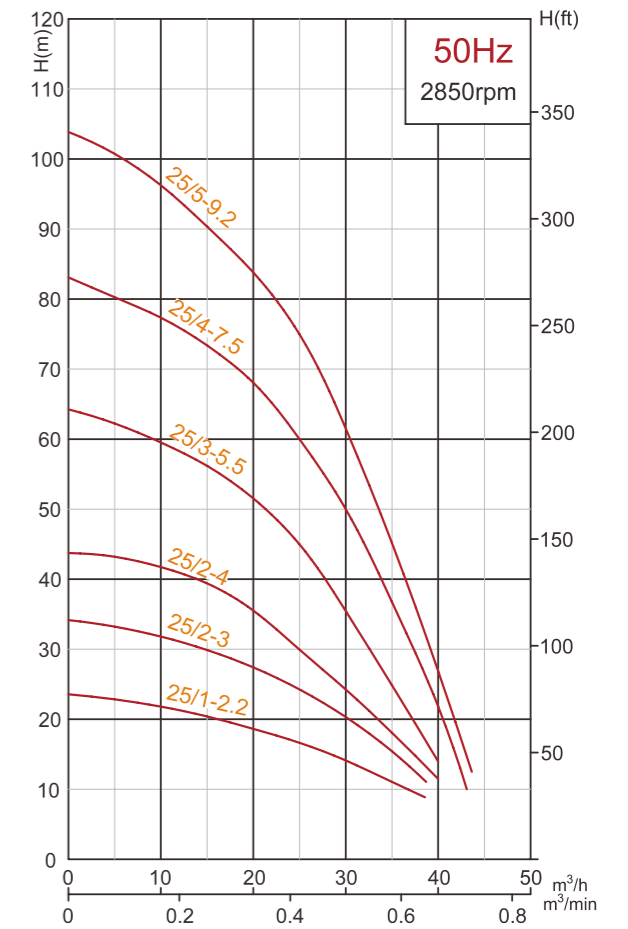
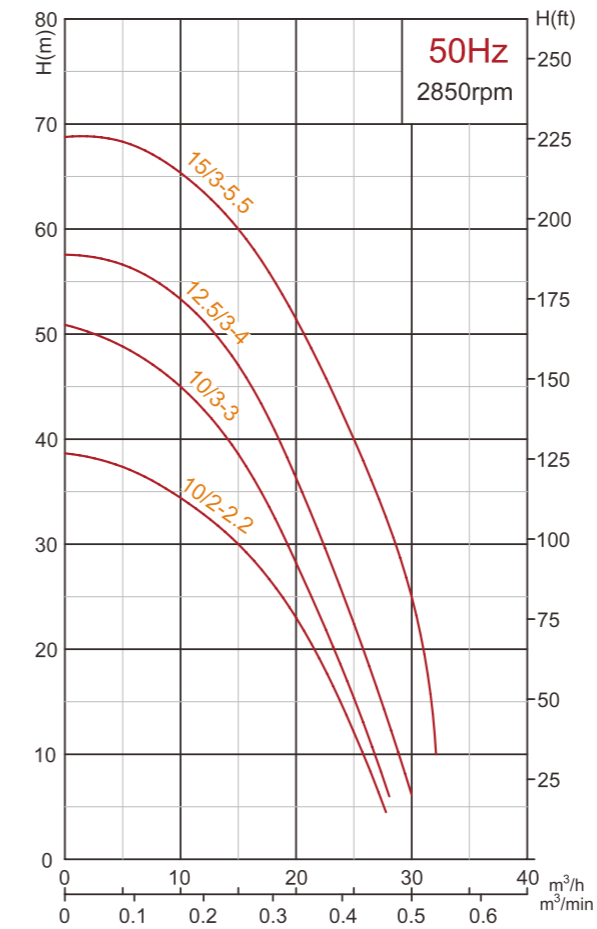


Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed
 Double shaft seal with interposed oil chamber.



Specification

- Water temperature: up to 40°C
- PH: 6.5-8.5
- Power supply: three phase, 380V±10%, 50Hz
380V±10%, 60Hz
- Power: 2.2kW to 25kW
- Insulation class: B
- Protection class: IP68
- Capacity: up to 100 m³/h
- Head: up to 204 meters
- Maximum immersion depth: 20m
- Cable length: 15m

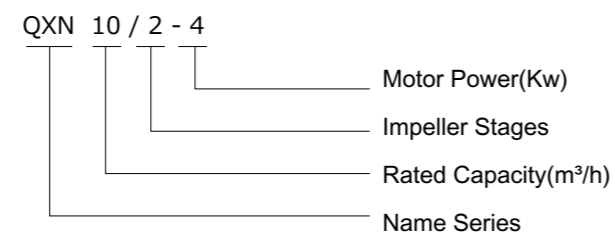
Special features on request

- Other voltages
- The length of cable is optional

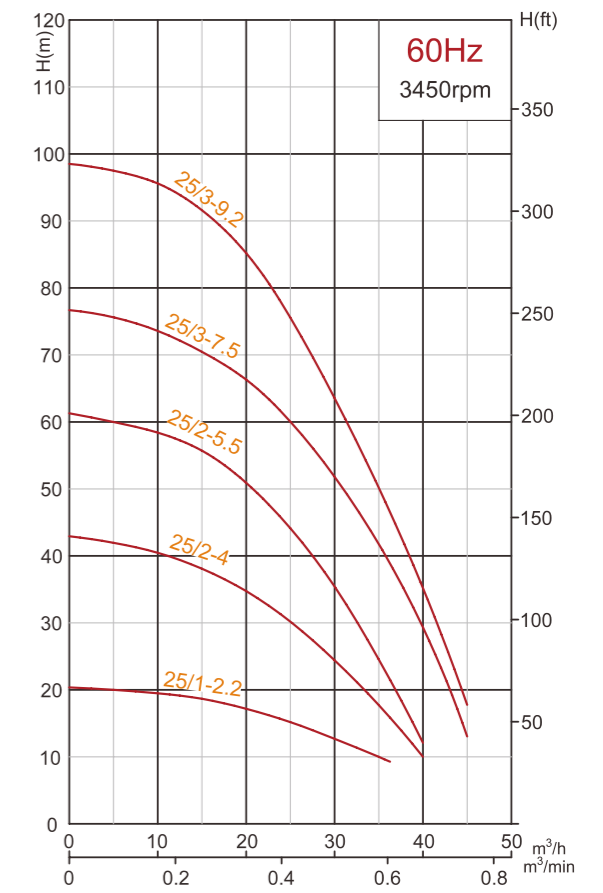
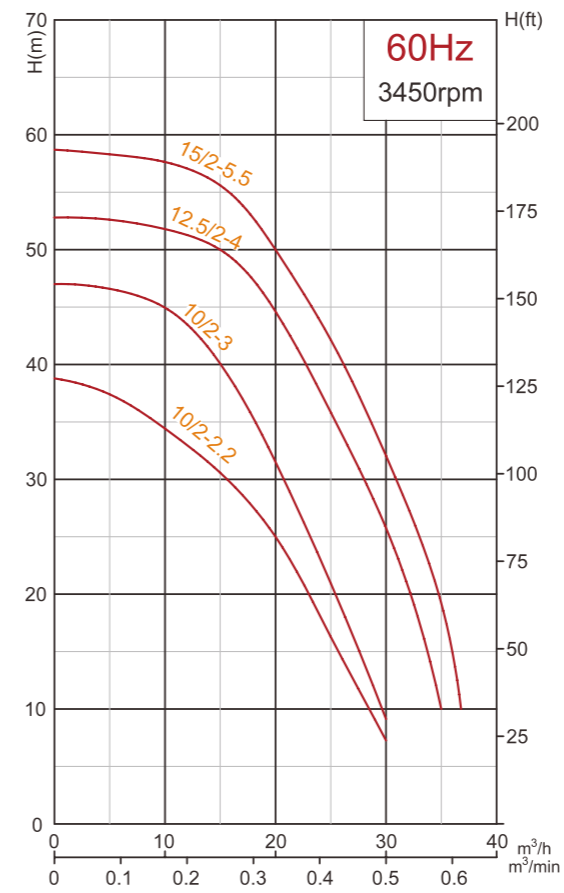
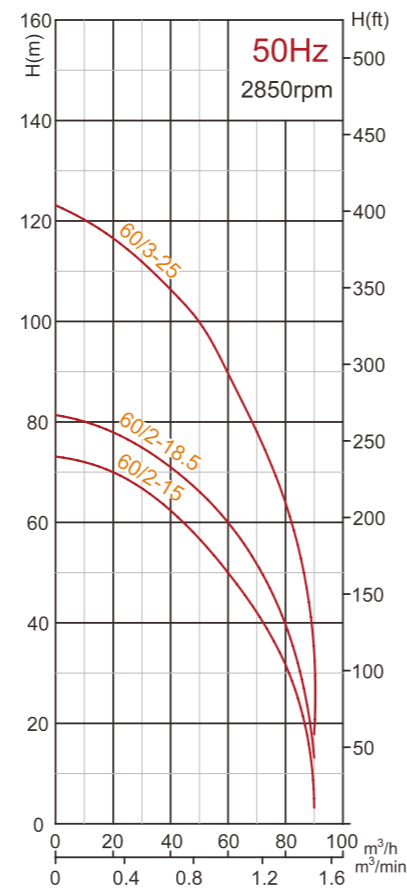
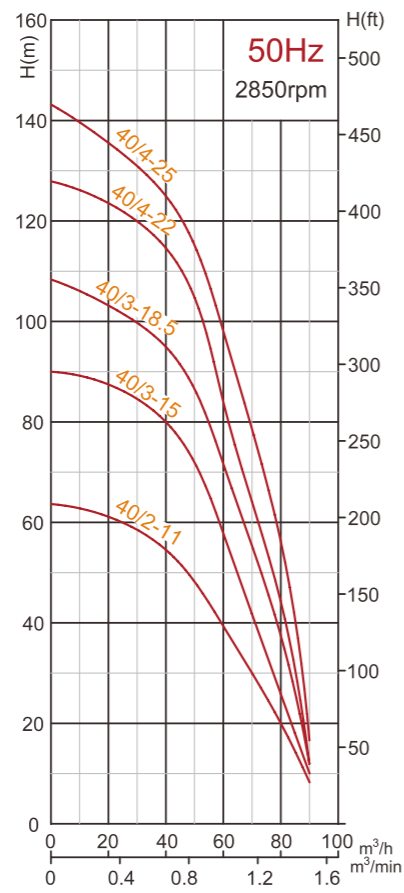
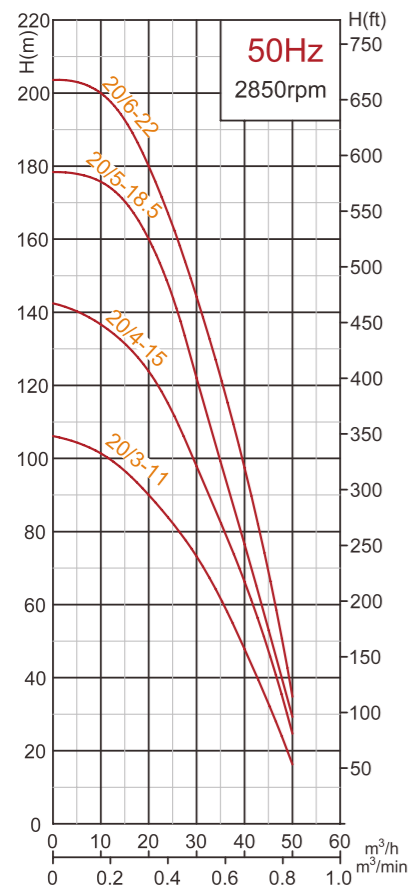
Application

- For mining, building, factory and industrial applications.
- For water supply from wells, tanks or reservoirs.
- For garden use and agricultural irrigation.

Model Description

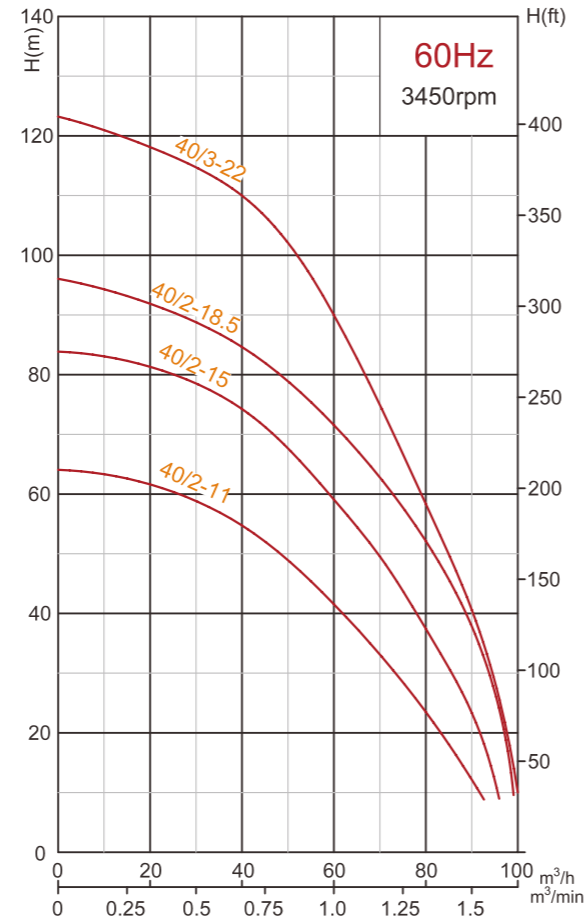
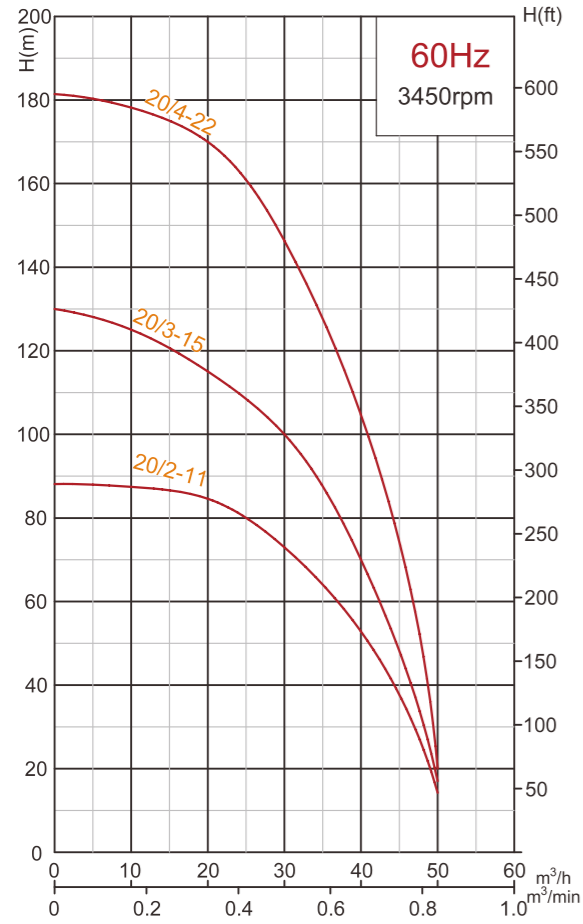


Model 50HZ	Motor power		Rated current (380V)	Motor protector	Outlet mm	Rated capacity m³/h	Rated head m	Max capacity m³/h	Max head m	impeller passage mm
	kW	HP	A							
QXN10/2-2.2	2.2	3	5.4	Built-in	50	10	34	28	38	6
QXN25/1-2.2	2.2	3	5.4	Built-in	65	25	17	37	23	6
QXN10/3-3	3	4	7.2	Built-in	50	10	45	28	51	6
QXN25/2-3	3	4	7.2	Built-in	65	25	25	37	33	6
QXN12.5/3-4	4	5.5	8.8	Built-in	50	12.5	50	30	57	6
QXN25/2-4	4	5.5	8.8	Built-in	65	25	30	40	43	6
QXN15/3-5.5	5.5	7.5	11.7	Built-in	50	15	60	32	67	6
QXN25/3-5.5	5.5	7.5	11.7	Built-in	65	25	45	40	64	6
QXN25/4-7.5	7.5	10	15.7	Built-in	65	25	60	42	84	6
QXN25/5-9.2	9.2	12.5	19.1	-	65	25	75	44	104	6

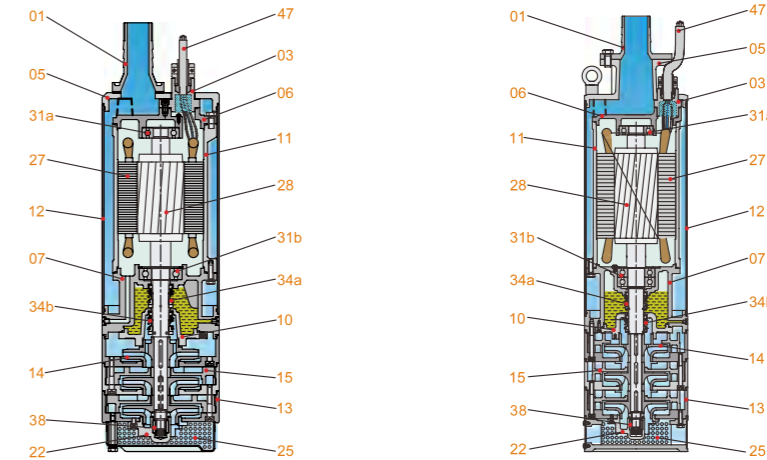


Model 50HZ	Motor power		Rated current (380V) A	Outlet mm	Rated capacity m³/h	Rated head m	Max capacity m³/h	Max head m	Impeller passage mm
	kW	HP							
QXN20/3-11	11	15	22	65	20	90	50	106	6
QXN40/2-11	11	15	22	80	40	55	90	63	8
QXN20/4-15	15	20	31	65	20	125	50	142	6
QXN40/3-15	15	20	31	80	40	80	90	90	8
QXN60/2-15	15	20	31	100	60	50	90	73	10
QXN20/5-18.5	18.5	25	37.2	65	20	160	90	178	6
QXN40/3-18.5	18.5	25	37.2	80	40	95	90	108	8
QXN60/2-18.5	18.5	25	37.2	100	60	60	90	81	10
QXN20/6-22	22	30	45	65	20	180	90	204	6
QXN40/4-22	22	30	45	80	40	115	90	127	8
QXN40/4-25	25	34	51	80	40	125	90	144	8
QXN60/3-25	25	34	51	100	60	90	90	123	10

Model 60HZ	Motor power		Rated current (380V) A	Motor protector	Outlet mm	Rated capacity m³/h	Rated head m	Max capacity m³/h	Max head m	Impeller passage mm
	kW	HP								
QXN10/2-2.2	2.2	3	5.4	Built-in	50	10	34	30	38	6
QXN25/1-2.2	2.2	3	5.4	Built-in	65	25	17	35	21	6
QXN10/2-3	3	4	7.2	Built-in	50	10	45	30	47	6
QXN12.5/2-4	4	5.5	8.8	Built-in	50	12.5	50	37	53	6
QXN25/2-4	4	5.5	8.8	Built-in	65	25	30	40	43	6
QXN15/2-5.5	5.5	7.5	11.7	Built-in	50	15	57	35	59	6
QXN25/2-5.5	5.5	7.5	11.7	Built-in	65	25	45	40	62	6
QXN25/3-7.5	7.5	10	15.7	Built-in	65	25	60	45	76	6
QXN25/3-9.2	9.2	12.5	19.1	-	65	25	75	45	96	6



Model 60HZ	Motor power		Rated current (380V) A	Outlet mm	Rated capacity m³/h	Rated head m	Max capacity m³/h	Max head m	impeller passage mm
	kW	HP							
QXN20/2-11	11	15	22	65	20	85	50	87	6
QXN40/2-11	11	15	22	80	40	55	92	63	8
QXN20/3-15	15	20	31	65	20	115	50	130	6
QXN40/2-15	15	20	31	80	40	75	95	83	8
QXN40/2-18.5	18.5	25	37.2	80	40	85	98	96	8
QXN20/4-22	22	30	45	65	20	170	50	182	6
QXN40/3-22	22	30	45	80	40	110	100	123	8



Item No.	Part name	Material	Item No.	Part name	Material
01	Hose coupling	Cast iron	22	Seat assembly	Cast iron
03	Terminal box	Cast iron	25	Strainer	Steel
05	Upper cover	Cast iron	27	Stator	
06	Up-Bearing house	Cast iron	28	Rotor	Shaft:Stainless steel
07	Bearing house	Cast iron	31a	Bearing	Ball bearing
10	Seal bracket	Cast iron	31b	Bearing	Ball bearing
11	Motor body	Cast iron	34a	Mechanical sea	SIC-SIC
12	Outer casing	AISI304SS	34b	Mechanical sea	Sic-Sic (≤ 9.2kW)
13	Pump casing	Cast iron	38	Shaft sleeve	TC-Sic (≥ 11kW)
14	Impeller	Cast iron	47	Cable	NBR & Steel
15	Diffuser	Cast iron			

Dual purpose water outlet joint

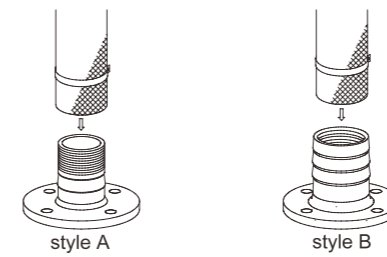


diagram of using hose

Outlet D	Style	Hose I.D.	Steel pipe		
			G	Transition joint Nominal pipe diameter	
50	A	50	G1 1/2	G1 1/2→G2"	50
65	A	65	G2"	G2"→G2 1/2	65
80	A	80	G2 1/2	G2 1/2→G3"	80
100	B	100	G3"	G3"→G4"	100

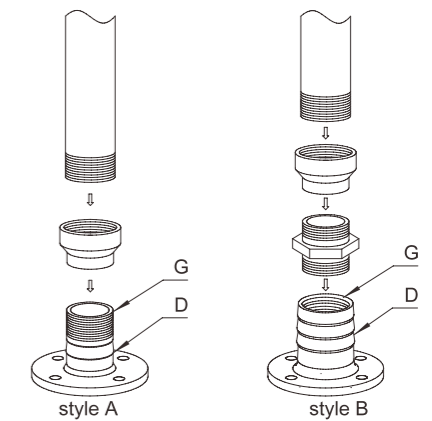
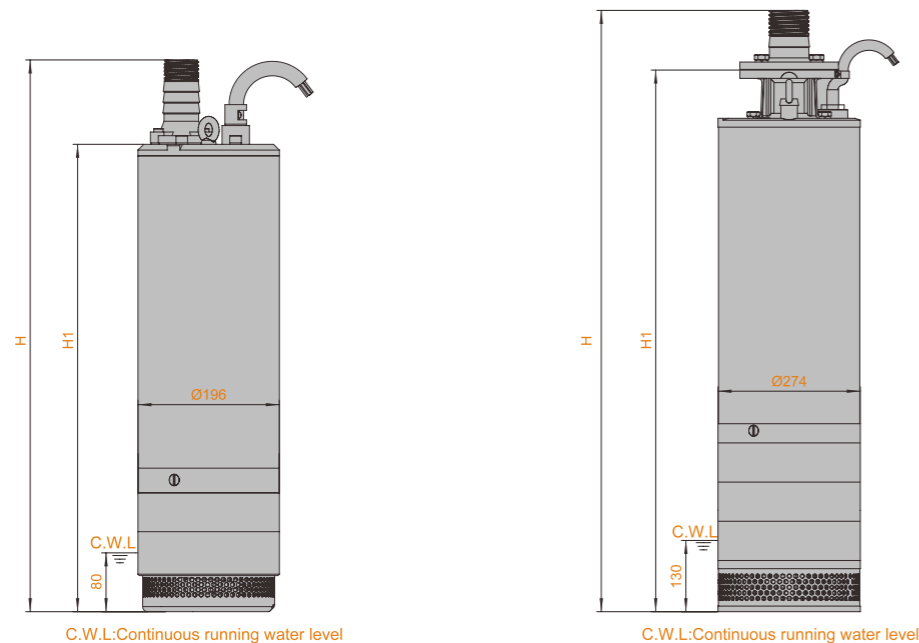


diagram of use steel pipe



Functions & Features

The cutting part of the ZGWQ sewage cutting pump has a unique spiral structure and a sharp blade design. In ensuring the performance of water, and more than similar products under the premise, but also has a certain degree of cutting ability, ensure superior function of cutting straw, cotton, cloth, baby diapers and other wastes discharged after shredding.

- ZGWQ is a cutting sewage pump;
- The purpose is to transport sewage dirt, except for special purposes.
- Total head, low energy consumption;
- The design of the disassembled knife plate.
- The pumps are equipped with 11KW solid disc thermal protector;
- The cutting part material is the alloy material which is not corroded by the Rockwell hardness above 58HR.
- Stud cable to avoid any water inflow the machine to destroy it when the cable cover was broken.
- Special double mechanical seal structure, make the pump seal more reliable.

(patent number: ZL 20162 0689300.X ZL 20162 0 6892806)

Product material

- The shell is common HT200 cast iron.
- The pump body part is common HT250 cast iron.
- The cutting part is the alloy material of the stainless steel with the Rockwell hardness above 58HR.
- Domestic brand bearings or imported brand bearings;
- The domestic brand graphite - silicon carbide mechanical seal or the joint venture brand mechanical seal;

High efficiency and no blockage characteristics may be too perfect. A lot of practical applications and laboratory tests show that ZGWQ sewage pump is superior to any domestic sewage pump in terms of efficiency and anti clogging performance.

50Hz	Dimension			Weight		Packing dimension (mm)
	φ	H1	H	N.W	G.W	
Model	mm	mm	mm	Kg	Kg	
QXN10/2-2.2	φ196	555	670	53	57	750*230*275
QXN25/1-2.2	φ196	515	630	47	51	720*230*275
QXN10/3-3	φ196	6300	715	62	66	795*230*275
QXN25/2-3	φ196	570	685	57	61	765*230*275
QXN12.5/3-4	φ196	635	750	67	72	830*230*275
QXN25/2-4	φ196	600	715	64	68	800*230*275
QXN15/3-5.5	φ196	680	795	75	80	875*230*275
QXN25/3-5.5	φ196	705	820	78	84	900*230*275
QXN25/4-7.5	φ196	825	940	92	98	1020*230*275
QXN25/5-9.2	φ196	910	1025	106	113	1105*230*275
QXN20/3-11	φ274	895	1010	178	189	1095*305*385
QXN40/2-11	φ274	901	1016	176	187	1105*305*385
QXN20/4-15	φ274	992	1107	210	222	1205*305*385
QXN40/3-15	φ274	1022	1137	206	218	1235*305*385
QXN60/2-15	φ274	946	1061	189	201	1155*305*385
QXN20/5-18.5	φ274	1066	1181	235	250	1275*305*385
QXN40/3-18.5	φ274	1042	1157	225	237	1275*305*385
QXN60/2-18.5	φ274	966	1081	204	216	1175*305*385
QXN20/6-22	φ274	1193	1308	282	297	1415*305*385
QXN40/4-22	φ274	1193	1308	241	256	1415*305*385
QXN40/4-25	φ274	1193	1308	283	298	1415*305*385
QXN60/3-25	φ274	1117	1232	263	277	1335*305*385

60Hz	Dimension			Weight		Packing dimension (mm)
	φ	H1	H	N.W	G.W	
Model	mm	mm	mm	Kg	Kg	
QXN10/2-2.2	φ196	555	670	53	57	750*230*275
QXN25/1-2.2	φ196	515	630	47	51	720*230*275
QXN10/2-3	φ196	6300	715	62	66	795*230*275
QXN12.5/2-4	φ196	570	685	57	61	765*230*275
QXN25/2-4	φ196	635	750	67	72	830*230*275
QXN15/2-5.5	φ196	600	715	64	68	800*230*275
QXN25/2-5.5	φ196	680	795	75	80	875*230*275
QXN25/3-7.5	φ196	705	820	78	84	900*230*275
QXN25/3-9.2	φ196	825	940	92	98	1020*230*275
QXN20/2-11	φ196	910	1025	106	113	1105*230*275
QXN40/2-11	φ274	895	1010	178	189	1095*305*385
QXN20/3-15	φ274	901	1016	176	187	1105*305*385
QXN40/2-15	φ274	992	1107	210	222	1205*305*385
QXN20/3-18.5	φ274	1022	1137	206	218	1235*305*385
QXN40/2-18.5	φ274	1042	1157	225	237	1275*305*385
QXN20/4-22	φ274	1193	1308	282	297	1415*305*385
QXN40/4-22	φ274	1193	1308	241	256	1415*305*385
QXN40/3-22	φ274	1066	1181	235	250	1275*305*385