



KAISZER PUMP

WATER & WASTEWATER TREATMENT

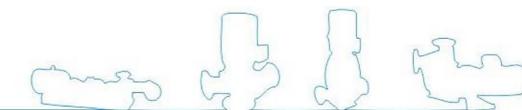
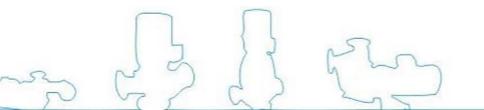
Q Submersible sewage pumps.



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Product Introduction

Q series automatic homogenizing submersible sewage pump is a new, environment-friendly product developed successfully by our research and development personnel after many times of improvements on the basis of digesting and absorbing advanced technologies of like products both at home and abroad and collecting opinions widely from domestic and foreign experts on water pumps. All of its performance indexes reach or exceed the advanced level of like products both at home and abroad. Since the product was launched in the market, it has been well-received and praised by users on the strength of its high efficiency, energy saving, reliable quality and particularly unique effect of homogenizing the sediment in the sump.

Principle of Q automatic homogenizing submersible sewage pump:

A common submersible sewage pump has the following defects in running: sewage in the sump is still basically, and filth is accumulated on the sump bottom gradually with continual inflow of sewage and such deposits cannot be discharged along with sewage by the inlet suction only when the water pump runs normally. Therefore, filth and impurities are getting more and more on the sump bottom and finally result in normal operation of the water pump and even burning out the motor. The engineering companies have to clean the sump on a regular basis, leading to waste in human and material resources instead of yielding a sewage discharge effect in a real sense.

Homogenizing (purifying) principle of sewage pump:

1. Q automatic homogenizing submersible sewage pump is designed with a water diversion device on the pump chassis. The device rotates at a high speed along with the motor to induce high-pressure water from the pump cavity to rinse the sump bottom at a swirl velocity of 10-20m/s. By means of mixing the deposits on the sump bottom to integrate it with water, finally the mixture around the water diversion device goes into the pump cavity and is discharged, thus avoiding accumulation of filth and impurities on the sump bottom thoroughly and purifying the sump completely.

2. Because of the device's function of rinsing and homogenizing, the sewage concentration is basically the same in all parts of the sump, thus improving the water pump's flow-through capacity greatly and achieving capabilities for jamming prevention and sewage discharge in a real sense.

3. The device is provided with a cutter to rotate with the motor at a high speed, and the cutter can shred fibers and impurities at the inlet before being discharged, thus improving its anti-winding capability.

Automatic coupling device:

It adopts a tailor-made base to fix the outlet pipe on the sump bottom, and a related support, mounted on the sump top, seals the pump's outlet and outlet pipe automatically with double guide rails. The maintenance men needn't go into the sump in overhaul, which not only protects the environment but also saves expenses, fast for installation and easy for maintenance.

Product features

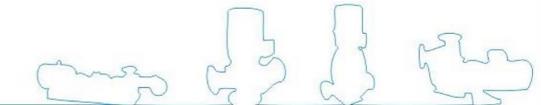
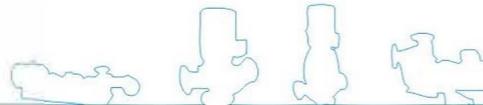
1. It utilizes the pump's own outlet pressure to homogenize sedimentation sludge inside the sump to really achieve the purpose of discharging deposits inside the sump effectively.
2. Its design of big flow channel anti-jamming hydraulic part improves the filter through capacity greatly; with fiber substances 5 times of the pump diameter and solid particles about 50% of the pump diameter being able to go through effectively.
3. With a rational design and reasonable fitting of motors, it has a high efficiency and a noticeable energy-saving effect.
4. The mechanical seal adopts a two-way serial seal, and its material is hard corrosion-resistant tungsten carbide, featuring durability, abrasion resistance and so on, so that the pump is able for safe and continuous operation for more than 8,000 hours.
5. With a compact structure, the pump is small and easy for moving and installation, unnecessary for building a pump room but able to work just being submerged into water, thus reducing construction costs substantially.
6. An oil-water leak probe is mounted in the pump's oil chamber, and if water goes into the oil chamber after the side mechanical seal of the water pump is damaged, the probe will send a signal to protect the pump.
7. A fully automatic safety protection control cabinet is optional as required by users to monitor the pump for water leakage, creepage, overload, overtemperature and so on, thus ensuring reliable and safe operation of the pump.
8. The double guide rail self-coupling mounting system facilitates installation and maintenance of the pump greatly so that people needn't go in and out of the sump for that.
9. The float switch can control stopping or starting of the pump in accordance with water level changes as required, thus unnecessary for being attended specially.
10. Make sure the motor is free of overload running within the working lift head range.
11. The motor can adopt a water jacket external circulation and cooling system installed outside by specifying and providing to ensure that the application pump can operate safely in a non-water (dry) state.

Applications of Product

1. Discharge of industrial and commercial waste water severely polluted.
2. Drainage systems of municipal sewage plants.
3. Sewage drainage stations in residential areas.
4. Drainage stations of civil air defense systems.
5. Sewage discharge of hospitals and hotels.
6. Municipal works and construction sites.
7. Supportive auxiliary machinery for exploration and mining.
8. Rural methane tanks and farmland irrigation.
9. Water supply systems of water plants.

Working Conditions of Pump

1. The medium temperature shall not exceed 60°C, the weight density within 1.0~1.3kg/dm³ and pH within 5~9.
2. As for those pumps without the internal gravitational flow circulation and cooling system, the exposed motor part out of the liquid surface shall not exceed 1/2.
3. Generally the pump must be used within the working lift head range to ensure no overload of the motor. If it's required to be used within the total lift head range, it shall be noted additionally in the order for the manufacturer to manufacture as required.
4. The pump's motor current shall not exceed the motor's rated current during running.



Structure Descriptions

The automatic homogenizing submersible sewage pump consists of three parts: motor, pump and homogenizing structure, and the three are separated by the oil separating chamber and the mechanical seal assembly. It's an electromechanical integration, and the motor, the pump and the homogenizing device use the same shaft (rotor) together. The whole water pump is short and has a compact structure. It's provided with multiple protectors so that the pump can operate safely and reliably. Here are functions of its main parts:

Signal wire 1: It's provided with a total protection water pump control cabinet for the pump's total protection from such items as water leakage, loss of phase, short circuit, overheating and motor overload.

Motor stator 7: It adopts the class B or F insulation.

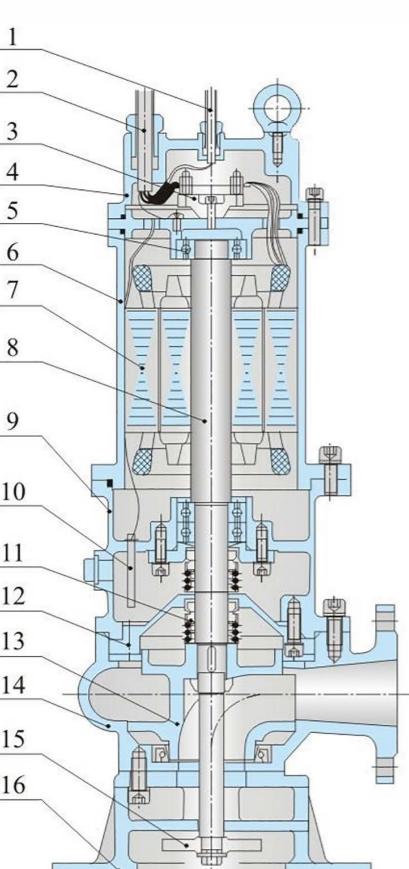
Water leakage probe 10: This element is mounted inside the oil chamber to send a signal to the control system to protect the pump when the mechanical seal is damaged and then water goes into the oil chamber.

Mechanical seal 11: It adopts the two-way serial seal made of the new hard corrosion-resistance tungsten carbide material, which is featured by its reliable seal, abrasion resistance, long life and so on.

Impeller 13: The impeller adopts the single or double flow channel structure with a very strong through capacity, which can make big blending materials and fiber waste to reduce jamming and winding faults.

Pump body 14: It works with the impeller for the pump's high efficiency.

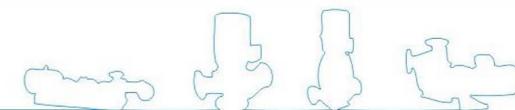
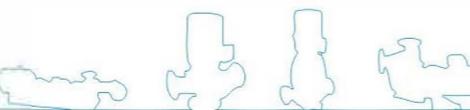
Mixing wheel 15: The bottom water is discharge with pressure and the sedimentation filth inside the sump is homogenized automatically by means of rotations of the wheel so that the pump can pump sewage completely to discharge sediment thoroughly for the purpose of purifying the sump.



1	Signal wire
2	Motor connection
3	Terminal Box
4	Motor cover
5	Bearing
6	Motor casing
7	Stator
8	Rotor (shaft)
9	Oil chamber
10	Water leakage probe
11	Mechanical seal
12	Rear cover plate
13	Impeller
14	Pump body
15	Mixing wheel
16	Chassis

Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	Automatic coupler
1	25Q8-22-1.1	5 8 10.5	23 22 19	600	2900	1.1	32 38 37	42	QZD-1.1	GAK-25
2	32Q12-15-1.1	7.2 12 15.5	17 15 12	600	2900	1.1	32 40 41	42	QZD-1.1	GAK-32
3	40Q15-15-1.5	9 15 19.5	17 15 12	800	2900	1.5	38 45 46	52	QZD-1.5	GAK-40
4	40Q15-30-2.2	9 15 19.5	32 30 27	800	2900	2.2	40 48 47	55	QZD-2.2	GAK-40
5	50Q20-7-0.75	12 20 26	8.5 7 5	600	2900	0.75	46 54 52	50	QZD-0.75	GAK-50
6	50Q10-10-0.75	6 10 13	12 10 8	600	2900	0.75	48 56 54	50	QZD-0.75	GAK-50
7	50Q25-10-1.5	15 25 32.5	12 10 7.5	800	2900	1.5	48 56 54	60	QZD-1.5	GAK-50
8	50Q20-15-1.5	12 20 26	17 15 12	800	2900	1.5	48 55 53	55	QZD-1.5	GAK-50
9	50Q27-15-2.2	16 27 35	17 15 12	800	2900	2.2	48 56 52	60	QZD-2.2	GAK-50
10	50Q15-25-2.2	9 15 19.5	27 25 22	800	2900	2.2	48 56 52	60	QZD-2.2	GAK-50
11	50Q18-30-3	10.8 18 23.5	32 30 26	1000	2900	3.0	50 58 55	70	QZD-3	GAK-50
12	50Q24-20-4	14.5 24 31	22.5 20 16	1000	2900	4.0	53 60 58	85	QZD-4	GAK-50
13	50Q25-32-5.5	15 25 32.5	34 32 28	1200	2900	5.5	45 53 52	100	QZD-5.5	GAK-50
14	50Q30-30-7.5	18 30 39	33 30 26	1200	2900	7.5	48 56 55	110	QZD-7.5	GAK-50
15	50Q20-40-7.5	12 20 26	43 40 35	1200	2900	7.5	46 55 56	110	QZD-7.5	GAK-50
16	65Q42-9-2.2	25.2 42 54.5	11 9 6	1000	2900	2.2	47 56 55	60	QZD-2.2	GAK-65
17	65Q25-15-2.2	15 25 32.5	17 15 12	1000	2900	2.2	46 52 53	60	QZD-2.2	GAK-65
18	65Q37-13-3	22 37 48	15.5 13 10	1000	2900	3.0	47 55 56	70	QZD-3	GAK-65
19	65Q25-30-4	15 25 32.5	33 30 26	1200	2900	4.0	50 58 58	85	QZD-4	GAK-65
20	65Q40-30-7.5	24 40 52	33 30 26	1200	2900	7.5	48 58 58	110	QZD-7.5	GAK-65
21	65Q30-40-7.5	18 30 39	43 40 36	1200	2900	7.5	50 56 54	110	QZD-7.5	GAK-65
22	65Q35-50-11	21 35 45.5	54 50 44	1500	2900	11	52 60 62	200	JJ1-11	GAK-65

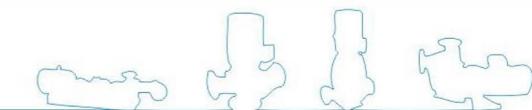
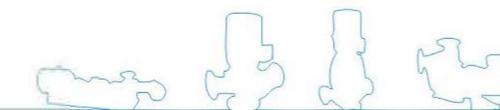


Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	coupler
23	65Q35-60-15	21 35 45.5	64 60 53	1500	2900	15	55 63 63	230	JJ1-15	GAK-65
24	80Q40-7-2.2	24 40 52	9 7 5	1200	2900	2.2	45 52 50	75	QZD-2.2	GAK-80
25	80Q30-8-2.2	18 30 39	10 8 6	1200	2900	2.2	38 45 46	75	QZD-2.2	GAK-80
26	80Q50-10-3	30 50 65	13 10 7	1200	2900	3.0	50 58 59	85	QZD-3	GAK-80
27	80Q43-13-3	26 43 56	15 13 10	1200	2900	3.0	43 50 52	85	QZD-3	GAK-80
28	80Q60-13-4	36 60 78	15.5 13 10	1200	2900	4.0	58 65 63	90	QZD-4	GAK-80
29	80Q40-15-4	24 40 52	17 15 12	1200	2900	4.0	50 57 58	90	QZD-4	GAK-80
30	80Q50-20-5.5	30 50 65	23 20 16	1300	2900	5.5	62 68 69	130	QZD-5.5	GAK-80
31	80Q80-15-7.5	48 80 104	17.5 15 12	1300	2900	7.5	64 71 72	135	QZD-7.5	GAK-80
32	80Q65-25-7.5	40 65 85	28 25 21	1300	2900	7.5	47 56 58	135	QZD-7.5	GAK-80
33	80Q50-35-11	30 50 65	38 35 31	1300	2900	11	45 53 52	210	JJ1-11	GAK-80
34	80Q50-40-15	30 50 65	43 40 36	1300	2900	15	45 50 52	215	JJ1-15	GAK-80
35	100Q100-7-4	60 100 130	10 7 5	1500	2900	4	65 72.5 71	130	QZD-4	GAK-100
36	100Q80-10-4	48 80 104	13 10 7	1500	2900	4	56 62 60	130	QZD-4	GAK-100
37	100Q110-10-5.5	66 110 143	13.5 10 7	1500	2900	5.5	58 66 65	155	QZD-5.5	GAK-100
38	100Q65-15-5.5	40 65 85	18 15 12	1500	2900	5.5	52 59 60	150	QZD-5.5	GAK-100
39	100Q100-15-7.5	60 100 130	17.5 15 12	1500	2900	7.5	60 67 65	170	QZD-7.5	GAK-100
40	100Q85-20-7.5	50 85 110	23 20 16	1500	2900	7.5	62 68 66	170	QZD-7.5	GAK-100
41	100Q50-22-7.5	30 50 65	25 22 19	1500	2900	7.5	58 63 62	170	QZD-7.5	GAK-100
42	100Q100-25-11	60 100 130	28 25 22	1800	1450	11	58 65 63	270	JJ1-11	GAK-100
43	100Q70-22-11	42 70 90	24.5 22 19	1800	1450	11	62 68 66	270	JJ1-11	GAK-100
44	100Q50-35-11	30 50 65	38 35 32	1800	1450	11	56 62 60	260	JJ1-11	GAK-100
45	100Q87-28-15	52 87 113	32 28 25	1800	1450	15	62 69 66	300	JJ1-15	GAK-100

Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	Automatic coupler
46	100Q100-30-15	60 100 130	33 30 27	1800	1450	15	60 66 65	300	JJ1-15	GAK-100
47	100Q100-35-18.5	60 100 130	38 35 30	1800	1450	18.5	60 65 63	380	JJ1-18.5	GAK-100
48	100Q100-40-22	60 100 130	45 40 35	1800	1450	22	56 62 62	410	JJ1-22	GAK-100
49	100Q80-50-30	48 80 105	53 50 46	1800	1450	30	55 60 62	440	JJ1-30	GAK-100
50	100Q80-60-37	48 80 105	63 60 56	1800	1450	37	50 56 58	450	JJ1-37	GAK100
51	125Q130-15-11	78 130 170	18 15 12	1800	1450	11	56 62 60	380	JJ1-11	GAK-125
52	125Q130-20-15	78 130 170	24 20 17	1800	1450	15	58 63 62	300	JJ1-15	GAK-125
53	150Q140-7-5.5	84 140 182	10 7 4	2000	1450	5.5	66 72 72	180	QZD-5.5	GAK-150
54	150Q120-10-5.5	72 120 156	14 10 7	2000	1450	5.5	65 70 72	180	QZD-5.5	GAK-150
55	150Q210-7-7.5	125 210 275	10 7 5	2000	1450	7.5	68 75 73	180	QZD-7.5	GAK-150
56	150Q145-9-7.5	87 145 190	12 9 7	2000	1450	7.5	58 63 62	180	QZD-7.5	GAK-150
57	150Q110-15-7.5	66 110 143	18 15 12	2000	1450	7.5	66 72 70	200	QZD-7.5	GAK-150
58	150Q200-10-15	120 200 260	14 10 7	2000	1450	15	58 65 66	300	JJ1-15	GAK-150
59	150Q180-15-15	108 180 235	18 15 12	2000	1450	15	58 65 66	280	JJ1-15	GAK-150
60	150Q140-18-15	85 140 182	22 18 15	2000	1450	15	57 65 63	280	JJ1-15	GAK-150
61	150Q200-14-18.5	120 200 260	17 14 11	2000	1450	18.5	60 68 66	400	JJ1-18.5	GAK-150
62	150Q180-20-18.5	108 180 235	23 20 17	2000	1450	18.5	70 75 72	400	JJ1-18.5	GAK-150
63	150Q150-25-18.5	90 150 192	28 25 22	2000	1450	18.5	60 68 65	400	JJ1-18.5	GAK-150
64	150Q200-22-22	120 200 260	25 22 19	2000	1450	22	67 73 72	430	JJ1-22	GAK-150
65	150Q180-25-22	108 180 235	28 25 22	2000	1450	22	70 76 75	430	JJ1-22	GAK-150
66	150Q130-30-22	78 130 170	34 30 27	2000	1450	22	70 75 73	450	JJ1-22	GAK-150
67	150Q250-22-30	150 250 325	25 22 19	2200	1450	30	68 73 70	500	JJ1-30	GAK-150

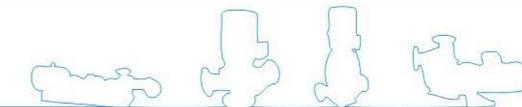
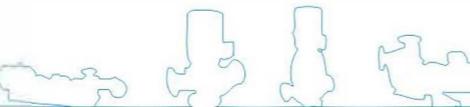


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No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	coupler
68	150Q180-30-30	108 180 235	34 30 26	2200	1450	30	68 73 71	500	JJ1-30	GAK-150
69	150Q200-30-37	120 200 260	34 30 26	200	1450	37	65 70 70	600	JJ1-37	GAK-150
70	150Q150-35-37	90 150 195	38 35 32	2200	1450	37	58 63 62	600	JJ1-37	GAK-150
71	150Q160-45-37	96 160 208	49 45 41	2200	1450	37	60 65 65	650	JJ1-37	GAK-150
72	200Q360-6-11	216 360 468	10 6 4	2300	970	11	66 72 70	450	JJ1-11	GAK-200
73	200Q300-7-11	180 300 390	10 7 5	2300	970	11	68 73 72	450	JJ1-11	GAK-200
74	200Q400-7-15	240 400 520	10 7 5	300	970	15	72 78 76	480	JJ1-15	GAK-200
75	200Q250-11-15	150 250 325	14 11 8	2300	1450	15	68 74 72	400	JJ1-15	GAK-200
76	200Q300-10-18.5	180 300 390	14 10 7	300	1450	18.5	66 72 73	500	JJ1-18.5	GAK-200
77	200Q250-15-18.5	150 250 325	18 15 12	300	1450	18.5	66 72 73	500	JJ1-18.5	GAK-200
78	200Q400-10-22	240 400 520	14 10 7	2300	1450	22	70 76 75	450	JJ1-22	GAK-200
79	200Q310-13-22	186 310 400	16 13 11	2300	1450	22	55 62 63	450	JJ1-22	GAK-200
80	200Q300-15-22	180 300 390	18 15 12	2300	1450	22	66 73 75	550	JJ1-22	GAK-200
81	200Q400-13-30	240 400 520	16 13 11	2300	1450	30	66 73 71	650	JJ1-30	GAK-200
82	200Q360-15-30	216 360 470	19 15 12	2300	1450	30	70 75 73	650	JJ1-30	GAK-200
83	200Q250-22-30	150 250 325	26 22 18	2300	1450	30	66 71 70	800	JJ1-30	GAK-200
84	200Q350-25-37	210 350 455	29 25 21	2300	1450	37	70 75 73	850	JJ1-37	GAK-200
85	200Q400-25-45	240 400 520	29 25 21	2500	1450	45	70 75 73	920	JJ1-45	GAK-200
86	200Q380-28-45	228 380 495	32 28 24	2500	1450	45	65 70 72	920	JJ1-37	GAK-200
87	200Q250-35-45	150 250 325	39 35 31	2500	1450	45	62 69 68	950	JJ1-45	GAK-200
88	200Q400-30-55	240 400 520	34 30 25	2800	1450	55	65 70 72	1000	JJ1-55	GAK-200
89	200Q250-40-55	150 250 325	43 40 35	2800	1450	55	62 69 70	1000	JJ1-55	GAK-200

Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	Automatic coupler
90	200Q350-40-75	210 350 455	44 40 35	2800	1450	75	62 68 66	1000	JJ1-75	GAK-200
91	200Q350-45-90	210 350 455	48 45 40	2300	1450	90	56 60 62	1080	JJ1-90	GAK-200
92	250Q500-7-18.5	300 500 650	11 7 4	2500	1450	18.5	54 58 60	780	JJ1-18.5	GAK-250
93	250Q520-8-22	312 520 680	10 6 3	2500	1450	22	52 56 58	780	JJ1-22	GAK-250
94	250Q600-9-30	360 600 780	13 9 6	2500	980	30	65 74 72	850	JJ1-30	GAK-250
95	250Q500-10-30	300 500 650	15 10 6	2500	980	30	64 71 72	850	JJ1-30	GAK-250
96	250Q700-10-37	420 700 910	15 10 6	2500	1450	37	73 81 82	850	JJ1-37	GAK-250
97	250Q600-12-37	360 600 780	16 12 8	2500	1450	37	70 78 78	850	JJ1-37	GAK-250
98	250Q600-15-45	360 600 780	19 15 12	2800	1450	45	68 75 74	950	JJ1-45	GAK-250
99	250Q600-20-55	360 600 780	25 20 16	2800	1450	55	65 73 71	1300	JJ1-55	GAK-250
100	250Q700-20-75	420 700 910	25 20 16	2800	1450	75	70 78 76	1500	JJ1-75	GAK-250
101	250Q600-25-75	360 600 780	29 25 21	2800	1450	75	66 73 71	1500	JJ1-75	GAK-250
102	250Q600-30-90	360 600 780	34 30 26	3000	1450	90	66 72 73	1600	JJ1-90	GAK-250
103	300Q900-8-37	540 900 1170	15 8 5	3000	980	37	76 81 82	1380	JJ1-37	GAK-300
104	300Q800-12-45	480 800 1040	16 12 8	3000	980	45	68 76 75	1500	JJ1-45	GAK-300
105	300Q500-15-45	300 500 650	19 15 12	3000	980	45	64 70 72	1500	JJ1-45	GAK-300
106	300Q800-15-55	480 800 1040	19 15 12	3000	980	55	66 73 72	1550	JJ1-55	GAK-300
107	300Q600-20-55	360 600 780	25 20 16	3000	980	55	68 75 74	1550	JJ1-55	GAK-300
108	300Q800-20-75	480 800 1040	25 20 16	3000	980	75	70 78 76	1600	JJ1-75	GAK-300
109	300Q950-20-90	570 950 1235	25 20 16	3000	980	90	72 80 78	1700	JJ1-90	GAK-300
110	300Q1000-25-110	600 1000 1300	29 25 21	3000	1450	110	75 82 80	2000	JJ1-110	GAK-300
111	300Q800-32-110	480 800 1040	36 32 28	3000	1450	110	68 76 75	2000	JJ1-110	GAK-300



Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	Automatic coupler
112	300Q800-36-132	480 800 1040	40 36 32	3000	1450	132	68 76 75	2000	JJ1-132	GAK-300
113	300Q800-44-160	480 800 1040	49 44 40	3000	1450	160	60 68 66	2750	JJ1-160	GAK-300
114	350Q1200-8-45	720 1200 1440	13 8 5	3200	980	45	76 84 85	1350	JJ1-45	GAK-350
115	350Q1100-10-55	660 1100 1320	15 10 7	3200	980	55	76 84 86	1380	JJ1-55	GAK-350
116	350Q1300-12-75	780 1300 1560	17 12 8	3200	980	75	76 83 85	1450	JJ1-75	GAK-350
117	350Q1500-15-90	900 1500 1800	19 15 11	3200	980	90	75 82 83	2000	JJ1-90	GAK-350
118	350Q1200-18-90	720 1200 1440	23 18 14	3200	980	90	76 83 85	2000	JJ1-90	GAK-350
119	350Q1100-28-132	660 1100 1320	34 28 23	3500	980	132	77 83 85	2520	JJ1-132	GAK-350
120	350Q1000-36-160	600 1000 1200	41 36 32	3500	980	160	71 78.5 76	2880	JJ1-160	GAK-350
121	400Q1200-6-37	720 1200 1440	10 6 4	3800	980	37	60 67 65	880	JJ1-37	GAK-400
122	400Q1300-8-45	780 1300 1560	13 8 4	3800	980	45	60 66 68	880	JJ1-45	GAK-400
123	400Q1760-7.5-55	1055 1760 2110	11 7.5 4.5	3800	980	55	75 82.3 85	2000	JJ1-55	GAK-400
124	400Q1300-10-55	780 1300 1560	15 10 6	3800	980	55	76 82 80	2000	JJ1-55	GAK-400
125	400Q2600-6-75	1560 2600 3120	10 6 3	3800	980	75	70 78 80	1750	JJ1-75	GAK-400
126	400Q1500-10-75	900 1500 1800	15 10 6	3800	980	75	76 82.1 83	1750	JJ1-75	GAK-400
127	400Q2200-9-110	1320 2200 2640	14 9 6	3800	980	110	75 80 82	2100	JJ1-110	GAK-400
128	400Q2000-15-132	1200 2000 2400	19 15 12	3800	740	132	78 85.5 84	2520	JJ1-132	GAK-400
129	400Q1600-20-132	960 1600 1920	25 20 16	3800	740	132	76 82 80	2520	JJ1-132	GAK-400
130	400Q1700-22-160	1020 1700 2040	28 22 18	3800	980	160	75 82 84	2880	JJ1-160	GAK-400
131	400Q1500-26-160	900 1500 1800	32 26 22	3800	980	160	78 83.5 85	2880	JJ1-160	GAK-400
132	400Q2000-22-200	1200 2000 2400	26 22 18	3800	980	200	76 82 85	3850	JJ1-200	GAK-400
133	400Q1700-30-200	1020 1700 2040	35 30 26	3800	980	200	77 83.5 85	3850	JJ1-200	GAK-400
134	400Q1800-32-250	1080 1800 2160	36 32 28	3800	740	250	76 82 84	4690	JJ1-250	GAK-400

Performance Parameter Table

No.	Type	Flow (m³/h)	Head (m)	Stir well diameter (mm)	Speed (r/min)	Power (kW)	Eff. (%)	Weight (kg)	Water pump control cabinet type	Automatic coupler
135	400Q2000-30-280	1200 2000 2400	35 30 26	3800	740	280	76 82.5 84	4690	JJ1-280	GAK-400
136	500Q2500-10-110	1500 2500 3000	15 10 7	4000	740	110	76 82 83	2100	JJ1-110	GAK-500
137	500Q2000-15-110	1500 2500 3000	20 15 12	4000	740	110	78 83 85	2100	JJ1-110	GAK-500
138	500Q2800-10-132	1680 2800 3360	15 10 6	4000	740	132	77 82 83	2250	JJ1-132	GAK-500
139	500Q3600-10-160	2160 3600 4320	15 10 6	4000	740	160	77 83 84	2280	JJ1-160	GAK-500
140	500Q2600-15-160	1560 2600 3120	20 15 12	4000	740	160	78 83 85	2280	JJ1-160	GAK-500
141	500Q2000-20-160	1200 2000 2400	25 20 15	4000	740	160	75 82 85	2280	JJ1-160	GAK-500
142	500Q3000-15-200	1800 3000 3600	19 15 12	4000	740	200	76 82 84	2280	JJ1-200	GAK-500
143	500Q2500-20-200	1500 2500 3000	25 20 16	4000	740	200	71 78 80	2280	JJ1-200	GAK-500
144	500Q2800-15-220	1680 2800 3360	19 15 12	4000	740	220	76 83 85	2350	JJ1-220	GAK-500
145	500Q2400-22-220	1440 2400 2880	26 22 18	4000	740	220	78 84 85	2350	JJ1-220	GAK-500
146	500Q4000-15-250	2400 4000 4800	20 15 12	4000	980	250	76 84 86	2650	JJ1-250	GAK-500
147	500Q2600-24-250	1560 2600 3120	30 24 20	4000	980	250	76 82 85	2650	JJ1-250	GAK-500
148	550Q3000-12-160	1800 3000 3600	16 12 9	4200	740	160	78 85 88	2480	JJ1-160	GAK-550
149	550Q4200-10-185	2520 4200 5040	15 10 7	4200	740	185	75 82 85	2480	JJ1-185	GAK-550
150	550Q3000-16-200	1800 3000 3600	20 16 12	4200	740	200	77 85 86	2500	JJ1-200	GAK-550
151	550Q5000-10-220	3000 5000 6000	15 10 6	4200	740	220	77 84 86	2500	JJ1-220	GAK-550
152	600Q3500-12-185	2100 3500 4200	16 12 9	4500	740	185	78 85 86	2580	JJ1-185	GAK-600
153	600Q5500-10-250	3300 5500 6600	15 10 7	4500	740	250	75 83 85	2580	JJ1-250	GAK-600
154	600Q3750-17-250	2250 3750 4500	22 17 13	4500	740	250	77 85 87	2580	JJ1-250	GAK-600
155	600Q6000-10-280	3600 6000 7200	16 10 7	4500	740	280	75 84 86	2600	JJ1-280	GAK-600
156	700Q9000-6-250	5400 9000 10800	12 6 3	4500	740	250	74 82 85	2800	JJ1-250	GAK-700
157	700Q10000-6-280	6000 10000 12000	12 6 3	4500	740	280	74 83 85	2800	JJ1-280	GAK-700