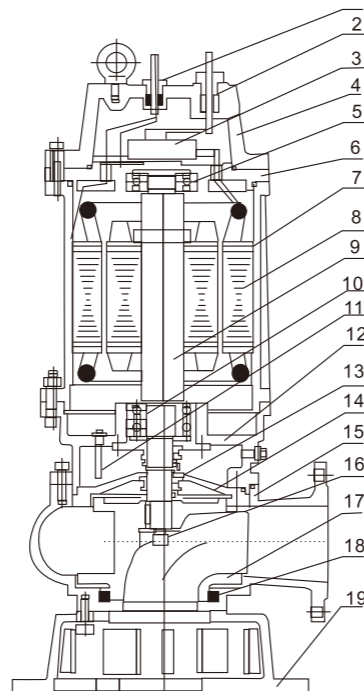


■ Product Features

Adopt large-channel anti-clogging impeller structure, the particle passed can be 50% of the pump diameter. Mechanical seal adopts the new-type hard quality and be able to bear the rotten carbonization tungsten material, featuring a durable and wearable. The pump could run more than 8000 hours without stop. There is high-accuracy anti-interference to test the lead in the sealed oil room to protect the pump. It can be collocated with the switch board of full-automatic safe protection if needed to protect the pump when leak water, leak electricity, overload definitely, improve security and dependability of the products. It could connect with the automatic coupling of double guide rails which is convenient to install and maintain. The floater switch can control the pump when the water depth changes, it does not need special person to control. The motor may adopt water jacket outside cycle cooling system, ensure the pump work without water (dry style) safely. There are two kinds of different installation ways, fixed style auto coupling installing system, removing style free installing system.

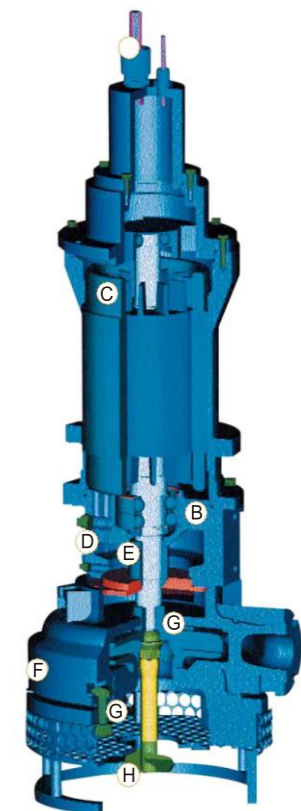


- | | | |
|--------------------------|---------------------|---------------------|
| 1. Signal Line | 7. Motor Casing | 13. Mechanical Seal |
| 2. Motor Connection Line | 8. Stator | 14. Frame Plate |
| 3. Connection Box | 9. Shaft (Rotor) | 15. Pump Body |
| 4. Motor Cover | 10. Bearing | 16. Impeller Bolt |
| 5. Bearing | 11. Oil Water Probe | 17. Impeller |
| 6. Upper Shaft Base | 12. Oil House | 18. Seal Ring |
| | | 19. Chassis |

1

■ SSP Series Submersible Slurry Pump

According to our customer's requirement, we design new type submersible slurry pump. This pump are renowned for innovative designs for heavy duty submersible slurry pump used in aggressive abrasive applications. Combined with the user of an A05 28% high Chrome alloy wet end mounted on a heavy duty iron motor housing. The SSP pump represents the most dependable, long lasting, submersible pump available.



A - Advanced Cable Entry

The advanced cable entry offers double protection against moisture. The power and control cables enter through individual cable glands that act as strain relief while sealing the cable jacket. Both cable cores are also sealed using barrier connector embedded in epoxy sealant.

B - Heavy-Duty Thrust Bearings

High-capacity, angular contact duplex bearings are generously sized to handle thrust loads associated with high specific gravity slurries.

C - Temperature Sensor

Over-temperature sensors protect the motor by sounding an alarm or shutting down the unit if internal temperatures exceed safe operating limits.

D - Moisture Detector

A twin electrode system provides double protection by detecting moisture intrusion in either the motor housing or the mechanical seal chamber.

E - Mechanical Seals

The SSP incorporates proven balanced double-seal arrangement in which both sets of seal springs are enclosed in the oil reservoir. Silicon Carbide Seal faces are subject to submergence pressure only for greatly extended wear life.

F - Heavy-Duty Water End

Standard 28% chrome construction coupled with heavy section thickness provides the ultimate in protection against abrasive wear in heavy slurries.

G - Easy Maintenance Access

T-bolt construction allows rapid disassemble of the pump end for maintenance access. The heavy-duty impeller is not screwed on, but keyed to the shaft for easy removal and protection against movement during reverse rotation.

H - Optional Robust Agitator

A robust agitator can be fitted to the suction eye allowing the pump to handle high concentrations of solids.

■ Submersible Sewaged Pump Performance

No.	Type	Diameter of outlet	Flux Q(m ³ /h)	Head H (m)	Speed n (r/min)	Power Pa (kw)	EFF. (%)	Automatic coupler
1	25WQ7-8-0.55	25	7	8	2900	0.55	45	GAK-50
2	25WQ8-22-1.1	25	8	22	2900	1.1	45	
3	32WQ8-12-0.75	32	8	12	2900	0.75	48	
4	40WQ12-15-1.5	40	12	15	2900	1.5	48	
5	50WQ20-7-0.75	50	20	7	2900	0.75	62	
6	50WQ10-10-0.75	50	10	10	2900	0.75	54	
7	50WQ20-15-1.5	50	20	15	2900	1.5	51	
8	50WQ15-30-2.2	50	15	30	2900	2.2	51	
9	50WQ42-9-2.2	50	42	9	2900	2.2	52	
10	50WQ17-25-3	50	17	25	2900	3	53	
11	50WQ40-15-4	50	40	15	2900	4	54	
12	50WQ25-32-5.5	50	25	32	2900	5.5	49	
13	50WQ20-40-7.5	50	20	40	2900	7.5	50	
14	65WQ25-15-2.2	65	25	15	2900	2.2	52	
15	65WQ37-13-3	65	37	13	2900	3	60	
16	65WQ25-30-4	65	25	30	2900	4	58	
17	65WQ25-30-4	65	35	50	2900	11	59	
18	65WQ35-60-15	65	35	60	2900	15	58	
19	80WQ40-7-2.2	80	40	7	2900	2.2	50	
20	80WQ43-13-3	80	43	13	2900	3	61	
21	80WQ40-15-4	80	40	15	2900	4	57	
22	80WQ50-20-5.5	80	50	20	2900	5.5	60	
23	80WQ65-25-7.5	80	65	25	2900	7.5	56	
24	80WQ80-15-7.5	80	80	15	2900	7.5	45	
25	100WQ85-10-4	100	85	10	1450	4	62	
26	100WQ65-15-5.5	100	65	15	1450	5.5	59	
27	100WQ100-15-7.5	100	100	15	1450	7.5	70	
28	100WQ85-20-7.5	100	85	20	1450	7.5	71	
29	100WQ100-25-11	100	100	25	1450	11	61	
30	100WQ100-35-18.5	100	100	35	1450	18.5	67	
31	150WQ145-9-7.5	150	145	9	1450	7.5	63	
32	150WQ200-10-15	150	200	10	1450	15	64	
33	150WQ180-15-15	150	180	15	1450	15	67	
34	150WQ180-20-18.5	150	180	20	1450	18.5	74	
35	150WQ150-26-18.5	150	150	26	1450	18.5	72	
36	150WQ180-35-22	150	180	35	1450	22	69	
37	150WQ200-30-37	150	200	30	1450	37	65	
38	150WQ150-35-37	150	150	35	1450	37	63	
39	200WQ300-7-11	200	300	7	980	15	75	
40	200WQ250-11-15	200	250	11	1450	15	72	
41	200WQ250-15-18.5	200	250	15	1450	18.5	72	
42	200WQ400-10-22	200	400	10	1450	22	75	
43	200WQ300-15-22	200	300	15	1450	22	71	
44	200WQ400-13-30	200	400	13	1450	30	76	
45	200WQ250-22-30	200	250	22	1450	30	71	
								GAK-65
								GAK-80
								GAK-100
								GAK-150
								GAK-200

■ Submersible Sewaged Pump Performance

No.	Type	Diameter of outlet	Flux Q(m ³ /h)	Head H (m)	Speed n (r/min)	Power Pa (kw)	EFF. (%)	Automatic coupler	
46	200WQ300-25-37	200	300	25	1450	37	73	GAK-200	
47	200WQ250-35-45	200	250	35	1450	45	69		
48	200WQ400-30-55	200	400	30	1450	55	72		
49	200WQ200-60-75	200	200	60	1450	75	52		
50	250WQ600-9-30	250	600	9	980	30	78	GAK-250	
51	250WQ600-12-37	250	600	12	1450	37	76		
52	250WQ600-15-45	250	600	15	1450	45	73		
53	250WQ600-20-55	250	600	20	1450	55	73		
54	250WQ600-25-75	250	600	25	1450	75	71	GAK-300	
55	300WQ800-12-45	300	800	12	980	45	74		
56	300WQ480-15-45	300	480	15	1450	45	66		
57	300WQ400-20-45	300	400	20	1450	45	64		
58	300WQ600-20-55	300	600	20	1450	55	73		
59	300WQ800-20-75	300	800	20	1450	75	75		
60	300WQ950-20-90	300	950	20	1450	90	76		
61	300WQ950-24-110	300	950	24	1450	110	76		
62	350WQ1100-10-55	350	1100	10	980	45	85		GAK-350
63	350WQ1180-13-75	350	1180	13	980	75	84		
64	350WQ1200-15-90	350	1200	15	980	90	84		
65	350WQ1130-18-90	350	1130	18	980	90	83		
66	350WQ1250-20-110	350	1250	20	740	110	83		
67	350WQ1500-20-132	350	1500	20	740	132	82		
68	350WQ1500-26-160	350	1500	26	740	160	83		
69	400WQ1800-10-75	400	1800	10	740	75	85	GAK-400	
70	400WQ1690-12-90	400	1690	12	980	90	85		
71	400WQ2000-13.5-110	400	2000	13.5	980	110	85		
72	400WQ1700-22-160	400	1700	22	740	160	83.5		
73	400WQ2000-18-160	400	2000	18	980	160	85		
74	400WQ1950-23-185	400	1950	23	980	185	85		
75	400WQ1980-26-220	400	1980	26	980	220	83		
76	400WQ1800-32-250	400	1800	32	740	250	82		
77	450WQ2300-10-90	450	2300	10	740	90	85		GAK-450
78	450WQ2250-11-110	450	2250	11	740	110	85		
79	450WQ2260-14-132	450	2260	14	740	132	85		
80	450WQ2280-20-185	450	2280	20	740	185	83		
81	450WQ2300-25-250	450	2300	25	740	250	83		
82	450WQ2300-29-280	450	2300	29	740	280	83		
83	450WQ2100-36-315	450	2100	36	740	315	83		
84	500WQ2490-10-110	500	2490	10	740	110	85	GAK-500	
85	500WQ2500-16-160	500	2500	16	740	160	85		
86	500WQ2490-18-185	500	2490	18	740	185	85		
87	500WQ2500-12-132	500	2500	12	740	132	85		
88	500WQ2400-22-220	500	2400	22	740	220	85		
89	500WQ2650-24-250	500	2650	24	740	250	85		
90	500WQ2400-28-280	500	2400	28	740	280	85		