

**ZW-S**  
Stainless steel casting self-priming sewage pump

**Product Introduction:**

1. ZW-S self-priming sewage pumps use precision casting technique of stainless steel to mold which can ensure the surface roughness of parts in maximum extent, reduce hydraulic loss in flow channel and improve efficiency;
2. It adopts hydraulic model after optimized design and improves hydraulic efficiency so as to reach the goal of energy conservation and emission reduction;
3. It uses impeller of structure of double channel, which improves suspended solid passing and sewage discharge capacity;
4. It optimizes the area of recirculation hole of pump body to reduce the time of self-priming in the same installation height;
5. The water inlet connector has check valve. When using the water pump, it doesn't have to install the bottom valve which can simplify the installation process and facilitate pump maintenance and replacement;
6. According to different operating requirements, it can use PTFE mechanical sealing, explosion-proof motor, etc.



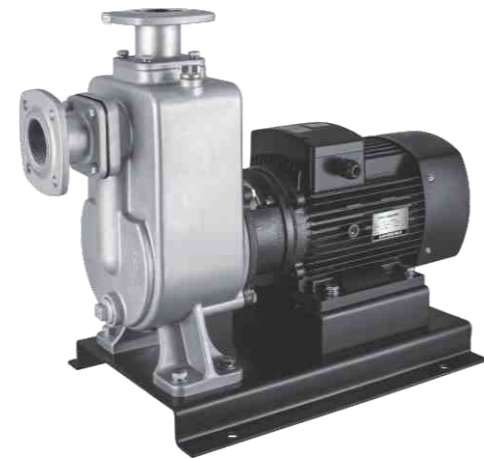
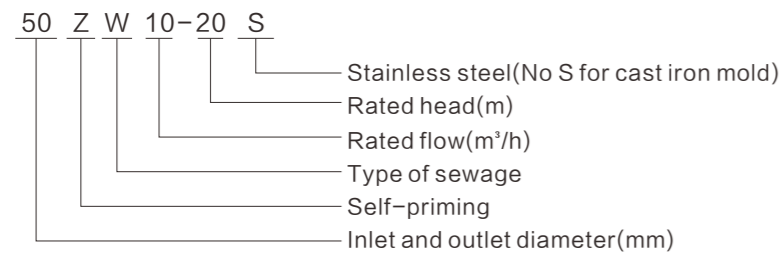
**Application fields:**

The pump can be used to pass sewage water, excrement, and liquid with suspended solid such as fiber, scrap of paper, fruit, fish, etc. It is widely applied in chemical, petroleum, pharmacy, mining, paper, fiber, slurry, textile, food, power plant, municipal pollution discharge project, public facilities pollution discharge and pond aquaculture, etc.

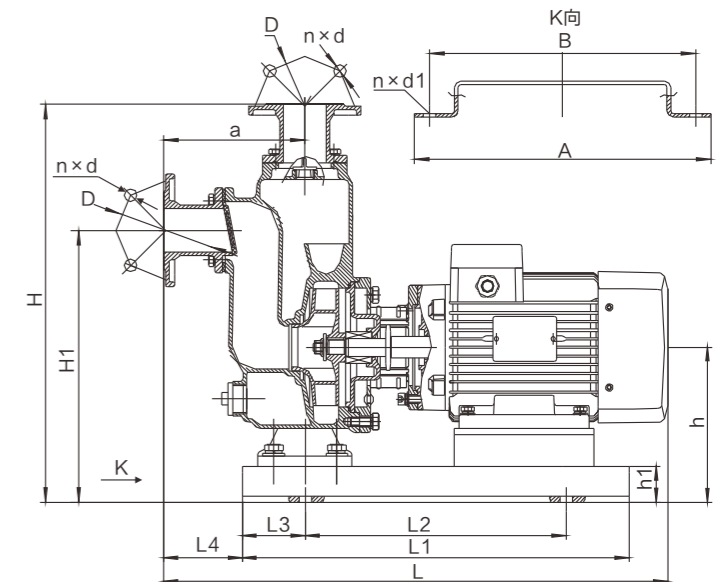
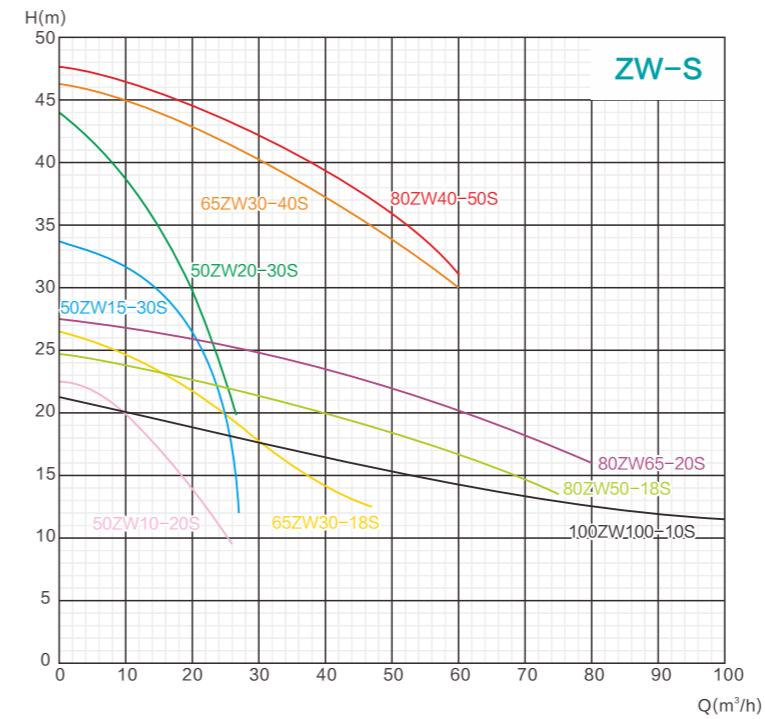
**Service Conditions:**

1. Applicable medium: Max. volume ratio of solid impurities: 2%. (if medium has small particles which requires wear-resistant mechanical sealing, please state when ordering.)
2. The ambient temperature ≤ 40°C, relative humidity ≤ 95%, altitude ≤ 1000m.
3. The PH of medium: 304(4-10), 316(2-13).

**Model Description:**



**Technical Parameters:**



Model	Flow (m³/h)	Head (m)	Power (kw)	Voltage (V)	Caliber (mm)	A	B	n × d1	D	n × d	a	H	H1	h	h1	L	L1	L2	L3	L4	G.W. (kg)	Size (cm)
50ZW10-20S	10	20	2.2	380	50	330	296	4 × φ14	φ110	4 × φ14	157	442	302	172	40	560	430	290	70	87	49	59 × 35 × 54
50ZW15-30S	15	30	3	380	50	350	316	4 × φ14	φ110	4 × φ14	162	505	365	210	50	624	50	360	70	92	67	67 × 38 × 62
65ZW30-18S	30	18	4	380	65	350	316	4 × φ14	φ130	4 × φ14	182	522	375	210	50	650	500	360	70	112	/	68 × 38 × 62
65ZW40-16S	40	16	4	380	65	350	316	4 × φ14	φ130	4 × φ14	182	522	375	210	50	650	500	360	70	112	/	68 × 38 × 62
50ZW20-30S	20	30	5.5	380	50	400	360	4 × φ14	φ110	4 × φ14	176	547	410	210	50	747	600	450	75	101	/	79 × 43 × 65
80ZW50-18S	50	18	5.5	380	80	400	360	4 × φ14	φ150	4 × φ18	213	581	390	210	50	790	600	450	75	138	/	83 × 43 × 68
80ZW65-20S	65	20	7.5	380	80	400	360	4 × φ14	φ150	4 × φ18	213	611	420	230	50	791	600	450	75	137	/	83 × 43 × 71
100ZW100-10S	100	10	7.5	380	100	400	360	4 × φ14	φ170	4 × φ18	239	636	430	230	50	826	600	450	75	164	/	87 × 43 × 74
65ZW30-40S	30	40	11	380	65	460	420	4 × φ14	φ130	4 × φ14	195	632	455	240	60	889	700	540	80	115	/	99 × 50 × 74
80ZW40-50S	40	50	15	380	80	400	360	4 × φ14	φ150	4 × φ18	216	661	470	250	50	902	600	450	75	141	/	93 × 43 × 76