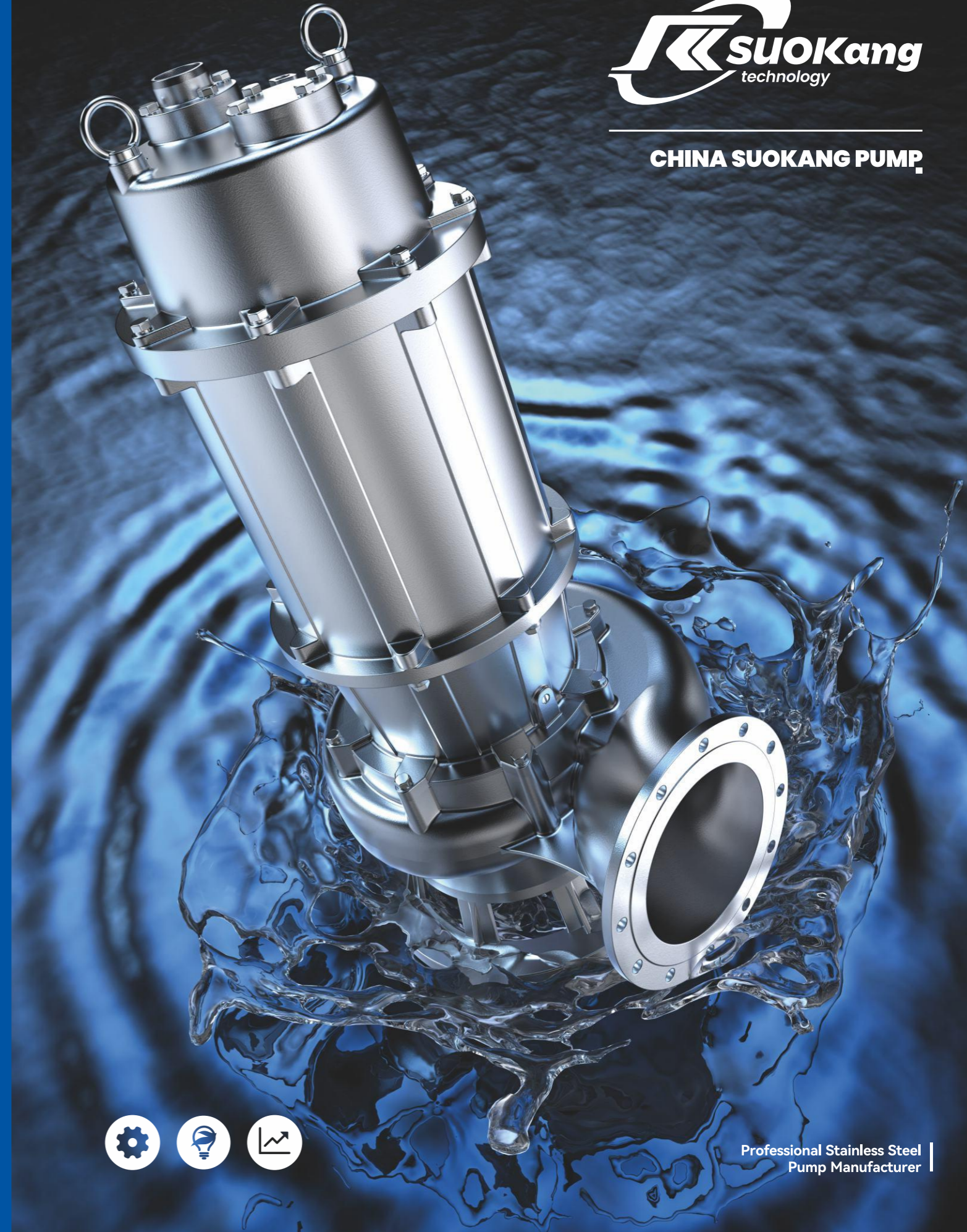


CHINA SUOKANG PUMP INDUSTRY TECHNOLOGY CO.,LTD.



CHINA SUOKANG PUMP



China Suokang Pump Industry Technology Co., Ltd.

Address: Danya Industrial Zone, Zeguo Town, Wenling City, Zhejiang Province
Tel: 0086-137-3653-3381 0086-181-5862-5888
E-mail: sales@suokangpump.cn general@suokangpump.cn

◀ www.suokangpump.cn



Note: There may be discrepancies between the descriptions, data, and actual products of all series of products in this catalog. Please refer to the actual product. Any changes will not be notified separately.



Professional Stainless Steel
Pump Manufacturer

Stainless steel pump professional manufacturer

- **Enterprise mission**
Inherit international quality and serve global partners
- **Core values**
Efficiency, Service, Cooperation, Win-win, Leadership
- **Corporate vision**
Change industry patterns, lead pump industry standards



Born Extreme
Think What You Think !



About us

China Suokang Pump Industry Technology Co., Ltd. is a modern pump manufacturing enterprise integrating professional production, scientific research, development, sales, and service. The factory is located in the hometown of Chinese pumps — Zeguo Town, Taizhou City. Facing new opportunities and challenges in the market, the company will always base itself on high-end product quality, strong market competitiveness, and perfect after-sales service. We are committed to building "Suokang" into a well-known Chinese brand and creating greater wealth space for our customers.

Our current specialized products include: Q(D)X-S all-stainless steel submersible electric pumps (threaded), BWQ explosion-proof sewage and waste submersible electric pumps, WQ(D)-S all-stainless steel sewage and waste submersible electric pumps (threaded), WQ(D)-S all-stainless steel sewage and waste submersible electric pumps (national standard flange), SGR(W)-S stainless steel vertical and horizontal pipeline centrifugal pumps, ZW-S stainless steel all-precision casting self-priming sewage pumps.


Crear Quality Creating The Future.

The company has gathered a large number of high-quality scientific research and management talents, ensuring the reliability of our products and the development of the brand. The meticulous style of engineering technicians and the friendly and enthusiastic service attitude of sales staff have made our products consistently well-received in the market.

The company follows the business policy of "equality and mutual benefit, emphasis on practical results, diversity, and common development" and "keeping promises, quality assurance, small profits, and righteousness". With the best credibility and reasonable prices, we warmly welcome new and old customers at home and abroad to establish long-term friendly trade cooperation and create new glories in the 21st century!

OUR APPLICATION FIELDS

Our pumps are applied in various fields, mainly including food processing, domestic water extraction, agriculture and forestry irrigation, sewage treatment, seawater aquaculture, landscape fountains, chemical industry, and other occasions.



**“Natural extreme
think what you want ”**

Every detail is ingenious,
with exceptional appreciation
and endless possibilities!



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FOR YOU THE WORLD!

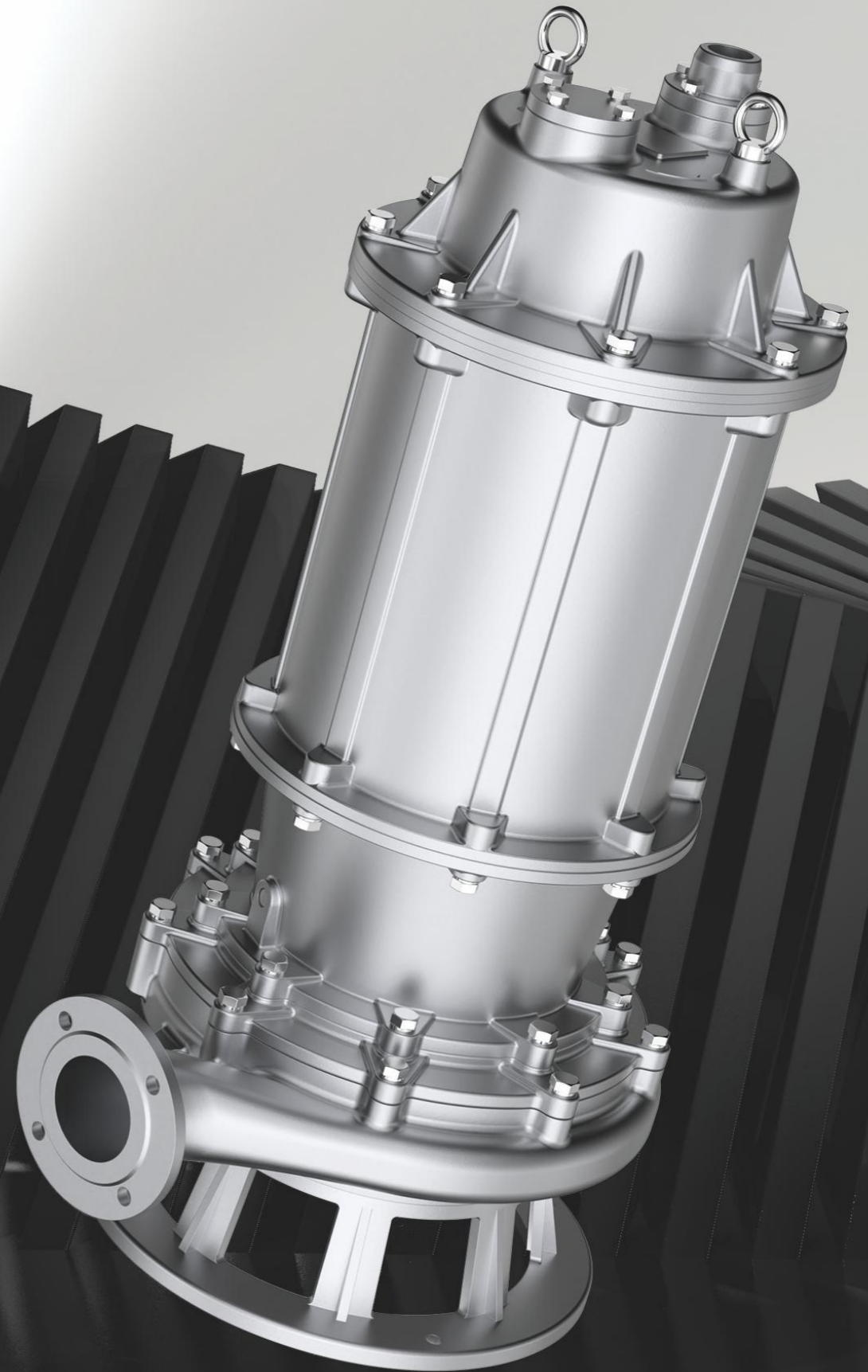
Stainless steel pumps feature corrosion resistance, high strength, durability, sanitary safety, good thermal stability, low maintenance costs, and a variety of models and applications.

These characteristics and advantages make stainless steel pumps widely used across multiple industries and fields, becoming the preferred equipment for handling corrosive media and demanding sanitary safety requirements.



- Corrosion resistance
- Quiet operation

- Smooth Flow Rate
- Long Service Life



Q(D)X-S

Q(D)X-S All-Stainless Steel
Compact Submersible Electric Pump (Threaded)

Product overview

The Q(D)X-S all-stainless steel compact submersible pump is precision cast entirely from stainless steel, making it corrosion-resistant, environmentally friendly, and durable, with a small footprint and attractive appearance.

Product features

1. It adopts fluorine rubber double-end mechanical seals and fluorine rubber radial "O" ring seals, effectively providing a protective seal against harsh liquids.
2. The motor uses vacuum impregnation to achieve Class F insulation, and has a built-in thermal protection device, greatly extending the pump's service life.
3. Anti-corrosion cables, PTFE mechanical seals, and high-temperature resistant motors can be customized according to customer requirements. (Suitable for use in environments with liquid temperatures $\leq 100^{\circ}\text{C}$).
4. The use of a stainless steel closed stamping welded impeller greatly increases the head.

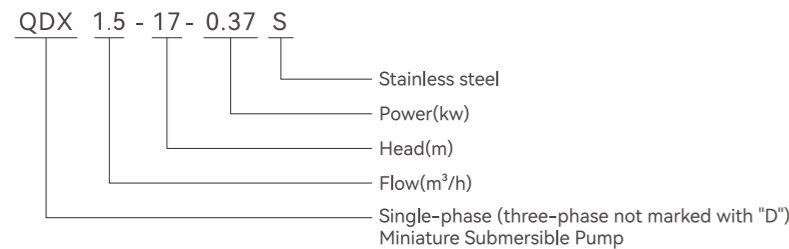
Main uses

It's suitable for general corrosive media in industrial and mining enterprises, food industry, seawater aquaculture, landscape engineering, deep well water extraction, chemical plating, farmland irrigation, etc.

Terms of use

1. The submerged depth from the center of the impeller should not exceed 5m;
2. The temperature of the conveying medium should not be higher than $+40^{\circ}\text{C}$;
3. The PH value of the conveying medium is 304 (4-10) and 316 (2-13);
4. The kinematic viscosity of the conveying medium is $7 \times 10^{-7} - 23 \times 10^{-6} \text{m}^2/\text{s}$.

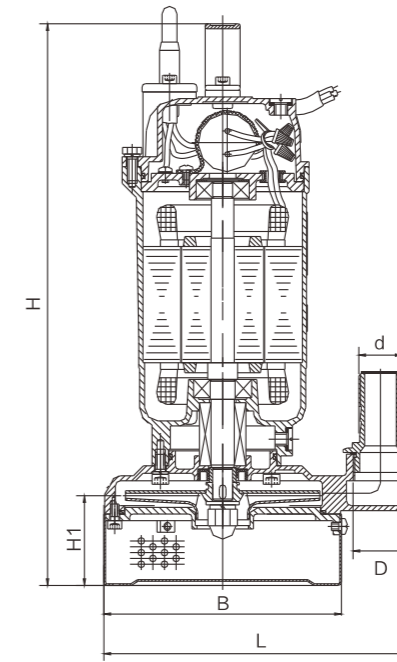
Model description



Mechanical Seal



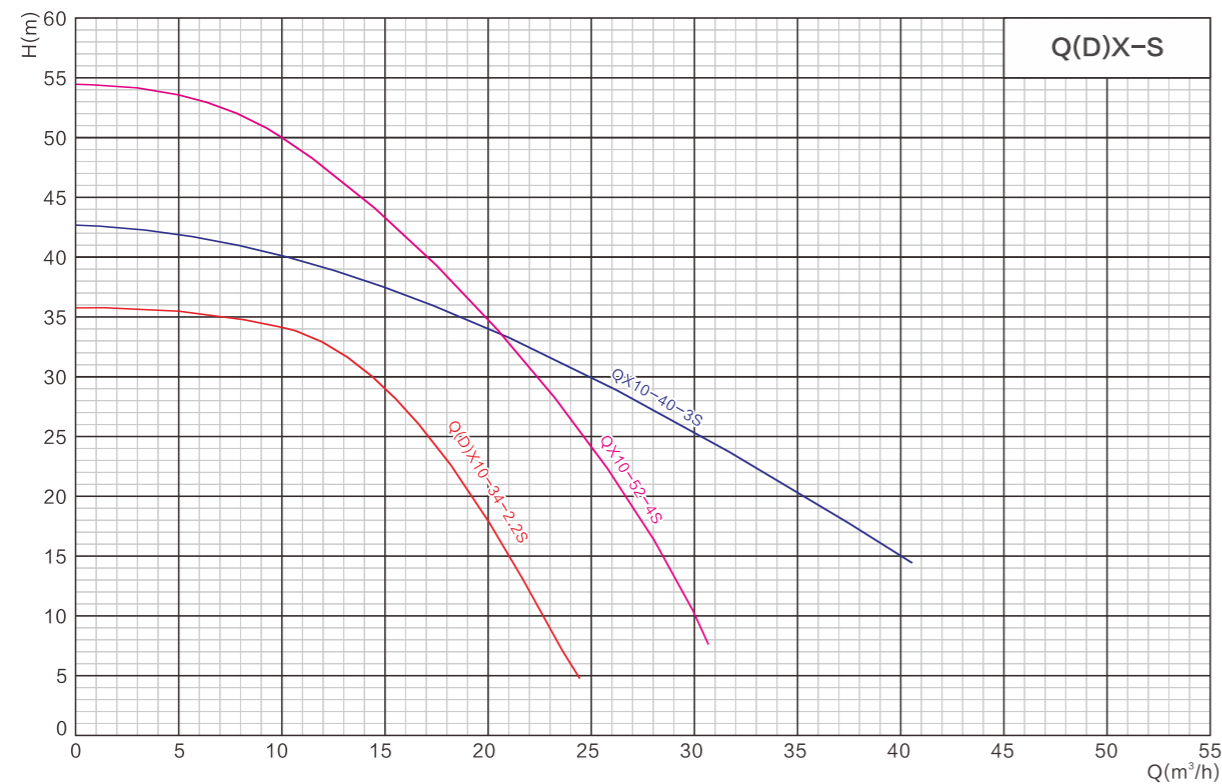
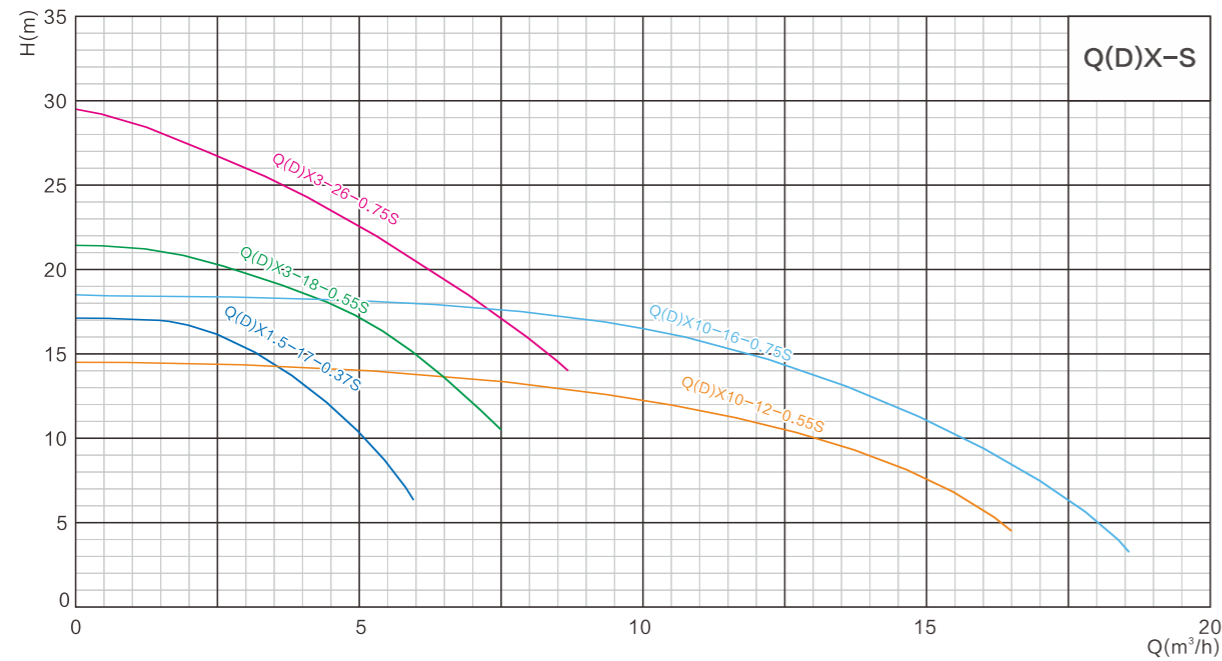
Installation dimensions



Technical parameters

NO.	Model	Rated Flow Rate (m^3/h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Synchronized Speed (r/min)	Exterior Installation Dimensions				Pump Outlet Size		
								L	B	H	H1	D	d	D0
1	Q(D)X1.5-17-0.37S	1.5	17	0.37	220/380	25	3000	197	147	341	53	G1	$\Phi 27$	\
2	Q(D)X3-18-0.55S	3	18	0.55	220/380	25	3000	206	157	369	56	G1	$\Phi 27$	\
3	Q(D)X6-14-0.55S	6	14	0.55	220/380	40	3000	240	157	369	55	\	$\Phi 40$	90
4	Q(D)X10-12-0.55S	10	12	0.55	220/380	50	3000	242	157	369	55	\	$\Phi 50$	90
5	Q(D)X3-26-0.75S	3	26	0.75	220/380	25	3000	240	182	404	65	G1	$\Phi 27$	\
6	Q(D)X6-18-0.75S	6	18	0.75	220/380	40	3000	242	157	398	55	\	$\Phi 40$	90
7	Q(D)X10-16-0.75S	10	16	0.75	220/380	50	3000	242	157	398	55	\	$\Phi 50$	90
8	Q(D)X6-24-1.1S	6	24	1.1	220/380	40	3000	276	195	471	68	G1½	$\Phi 40$	\
9	Q(D)X10-18-1.1S	10	18	1.1	220/380	50	3000	276	195	471	68	G1½	$\Phi 50$	\
10	Q(D)X6-32-1.5S	6	32	1.5	220/380	40	3000	276	195	471	68	G1½	$\Phi 40$	\
11	Q(D)X10-24-1.5S	10	24	1.5	220/380	50	3000	276	195	471	68	G1½	$\Phi 50$	\
12	Q(D)X10-34-2.2S	10	34	2.2	220/380	50	3000	304	250	556	81	G1½	$\Phi 50$	\
13	QX10-40-3S	10	40	3	380	50	3000	304	250	576	81	G1½	$\Phi 50$	\
14	QX10-52-4S	10	52	4	380	50	3000	304	250	600	81	G1½	$\Phi 50$	\
15	QX10-62-5.5S	10	62	5.5	380	50	3000	355	293	636	79	G1½	$\Phi 50$	\
16	QX10-72-7.5S	10	72	7.5	380	50	3000	355	293	636	79	G1½	$\Phi 50$	\

Performance graph



WQ(D)-S

WQ(D)-S All-Stainless Steel Sewage Submersible Electric Pump (Threaded)

Product Overview

The WQ(D)-S series of all-stainless steel precision cast sewage submersible pumps adopt a unique single and double channel impeller structure, greatly improving the passing ability of dirt.

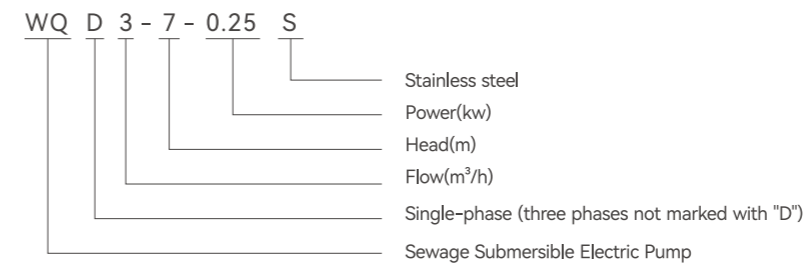
Product Features

1. The oil chamber adopts fluorine rubber double-end mechanical seals, and the outer chamber adopts a single-end fluorine rubber mechanical seal structure, effectively reducing the problem of water ingress caused by friction between sand and the shaft, resulting in shaft wear.
2. The motor adopts vacuum impregnation to achieve Class F insulation, and is equipped with a thermal protection device, effectively extending the service life of the pump.
3. The precision cast pump casing is lightweight, corrosion-resistant, energy-saving, beautiful in appearance, hygienic, and environmentally friendly.
4. The electric pump is equipped with an overheat (<2.2kW) and current protector (2.2~4kW) to prevent motor overload and overheating.
5. Anti-corrosion cables, PTFE mechanical seals, and high-temperature resistant motors can be customized according to customer requirements. (Suitable for use in environments with liquid temperatures ≤100°C).

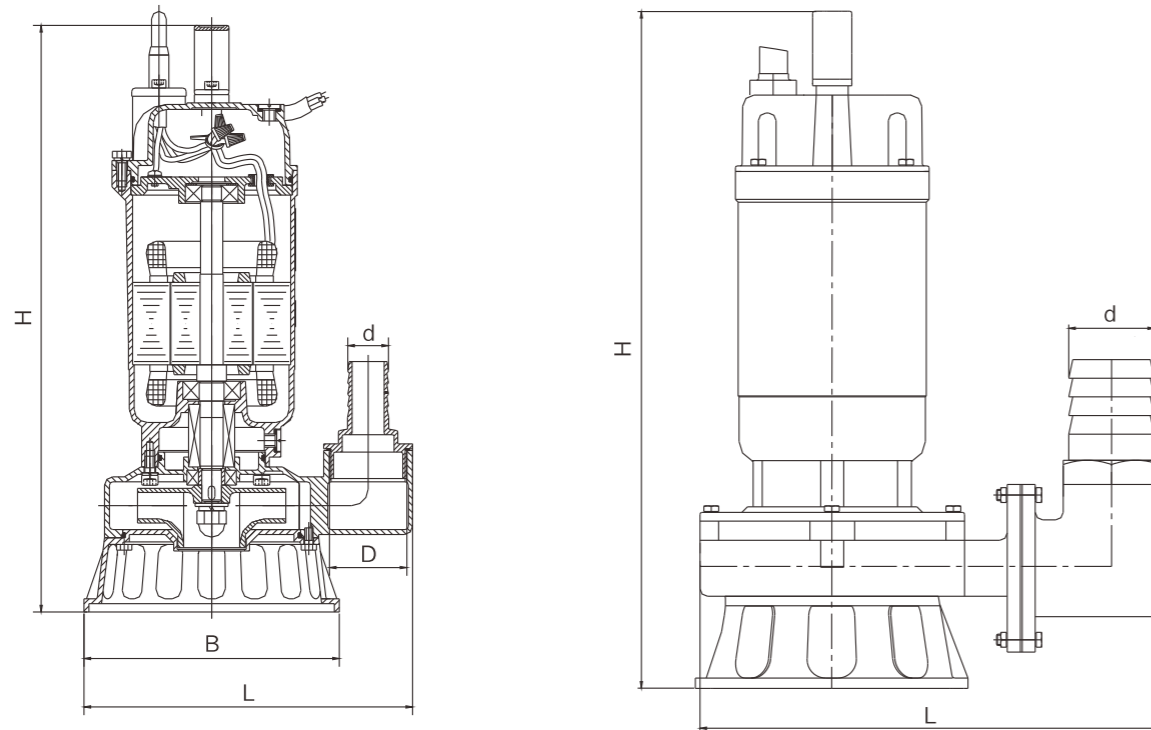
Main Uses

It's suitable for building construction, hospitals, residential areas, municipal engineering, road traffic and construction, chemical plating, factory sewage, aquaculture, pharmacy, beverages, seawater and brine, solid particles contained in general corrosive media, long fiber wastewater, sewage.

Model Description



Installation dimensions



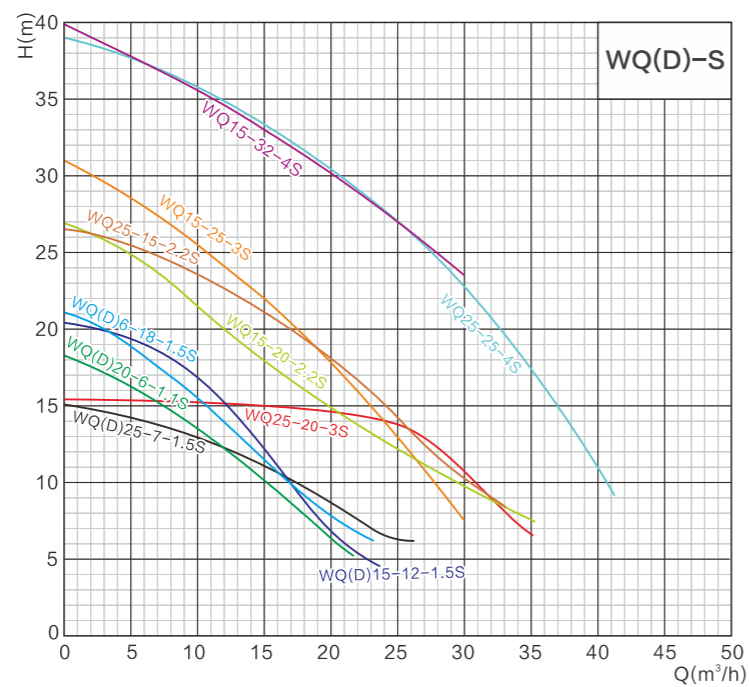
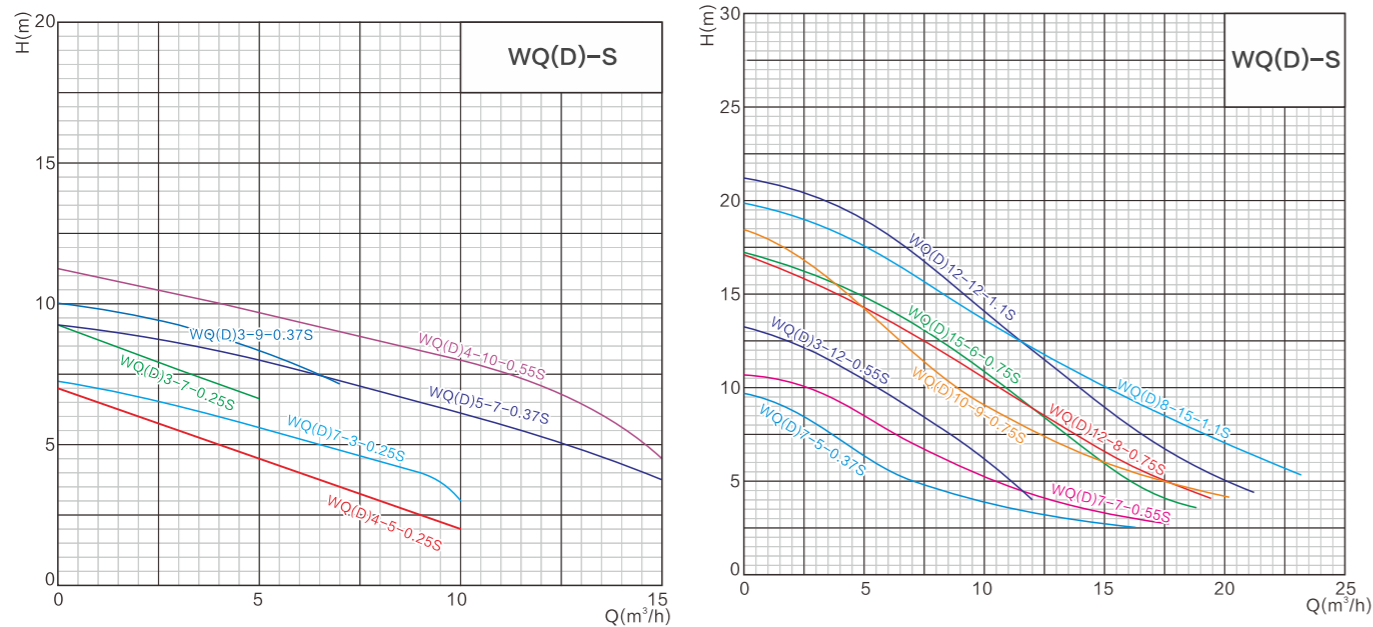
Technical parameters

Model	Rated Flow Rate (m ³ /h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	L	B	H	D	d	Gross Weight (kg)	Dimensions (cm)
25WQD3-7-0.25S	3	7	0.25	220	25	200	Φ155	360	G1 ¹ / ₂	Φ25	10	39×16×19
32WQD4-5-0.25S	4	5	0.25	220	32	200	Φ155	360	G1 ¹ / ₂	Φ32	10	39×16×19
40WQD7-3-0.25S	7	3	0.25	220	40	200	Φ155	360	G1 ¹ / ₂	Φ40	10	39×16×19
25WQD3-9-0.37S	3	9	0.37	220	25	200	Φ155	360	G1 ¹ / ₂	Φ25	10	39×16×19
32WQD5-7-0.37S	5	7	0.37	220	32	200	Φ155	360	G1 ¹ / ₂	Φ32	10	39×16×19
40WQD7-5-0.37S	7	5	0.37	220	40	200	Φ155	360	G1 ¹ / ₂	Φ40	10	39×16×19
25WQD3-12-0.55S	3	12	0.55	220	25	233	Φ165	387	G1 ¹ / ₂	Φ25	11	41×16×19
32WQD4-10-0.55S	4	10	0.55	220	32	233	Φ165	387	G1 ¹ / ₂	Φ32	11	41×16×19
40WQD7-7-0.55S	7	7	0.55	220	40	233	Φ165	387	G1 ¹ / ₂	Φ40	11	41×16×19
40WQD10-9-0.75S	10	9	0.75	220	40	233	Φ165	420	G1 ¹ / ₂	Φ40	17	44×20×24
50WQD12-8-0.75S	12	8	0.75	220	50	233	Φ165	420	G1 ¹ / ₂	Φ50	17	44×20×24
65WQD15-6-0.75S	15	6	0.75	220	65	233	Φ165	420	G1 ¹ / ₂	Φ65	17	44×20×24

Technical parameters

Model	Rated Flow Rate (m ³ /h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	L	B	H	D	d	Gross Weight (kg)	Dimensions (cm)
40WQD8-15-1.1S	8	15	1.1	220	40	233	Φ165	448	G1 ¹ / ₂	Φ40	19	47×20×24
50WQD12-12-1.1S	12	12	1.1	220	50	233	Φ165	448	G1 ¹ / ₂	Φ50	19	47×20×24
65WQD20-6-1.1S	20	6	1.1	220	65	233	Φ165	448	G1 ¹ / ₂	Φ65	19	47×20×24
40WQD6-18-1.5S	6	18	1.5	220	40	233	Φ165	448	G1 ¹ / ₂	Φ40	20	47×20×24
50WQD15-12-1.5S	15	12	1.5	220	50	233	Φ165	448	G1 ¹ / ₂	Φ50	20	47×20×24
65WQD25-7-1.5S	25	7	1.5	220	65	233	Φ165	448	G1 ¹ / ₂	Φ65	20	47×20×24
50WQD15-20-2.2S	15	20	2.2	220	50	262	Φ188	510	G1 ¹ / ₂	Φ50	34	59×22×28
65WQD25-15-2.2S	25	15	2.2	220	65	262	Φ188	510	G1 ¹ / ₂	Φ65	34	59×22×28
25WQ3-7-0.25S	3	7	0.25	380	25	200	Φ155	360	G1 ¹ / ₂	Φ25	10	39×16×19
32WQ4-5-0.25S	4	5	0.25	380	32	200	Φ155	360	G1 ¹ / ₂	Φ32	10	39×16×19
40WQ7-3-0.25S	7	3	0.25	380	40	200	Φ155	360	G1 ¹ / ₂	Φ40	10	39×16×19
25WQ3-9-0.37S	3	9	0.37	380	25	200	Φ155	360	G1 ¹ / ₂	Φ25	10	39×16×19
32WQ5-7-0.37S	5	7	0.37	380	32	200	Φ155	360	G1 ¹ / ₂	Φ32	10	39×16×19
40WQ7-5-0.37S	7	5	0.37	380	40	200	Φ155	360	G1 ¹ / ₂	Φ40	10	39×16×19
25WQ3-12-0.55S	3	12	0.55	380	25	233	Φ165	387	G1 ¹ / ₂	Φ25	11	41×16×19
32WQ4-10-0.55S	4	10	0.55	380	32	233	Φ165	387	G1 ¹ / ₂	Φ32	11	41×16×19
40WQ7-7-0.55S	7	7	0.55	380	40	233	Φ165	387	G1 ¹ / ₂	Φ40	11	41×16×19
40WQ10-9-0.75S	10	9	0.75	380	40	233	Φ165	420	G1 ¹ / ₂	Φ40	17	44×20×24
50WQ12-8-0.75S	12	8	0.75	380	50	233	Φ165	420	G1 ¹ / ₂	Φ50	17	44×20×24
65WQ15-6-0.75S	15	6	0.75	380	65	233	Φ165	420	G1 ¹ / ₂	Φ65	17	44×20×24
40WQ8-15-1.1S	8	15	1.1	380	40	233	Φ165	448	G1 ¹ / ₂	Φ40	19	47×20×24
50WQ12-12-1.1S	12	12	1.1	380	50	233	Φ165	448	G1 ¹ / ₂	Φ50	19	47×20×24
65WQ20-6-1.1S	20	6	1.1	380	65	233	Φ165	448	G1 ¹ / ₂	Φ65	19	47×20×24
40WQ6-18-1.5S	6	18	1.5	380	40	233	Φ165	448	G1 ¹ / ₂	Φ40	20	47×20×24
50WQ15-12-1.5S	15	12	1.5	380	50	233	Φ165	448	G1 ¹ / ₂	Φ50	20	47×20×24
65WQ25-7-1.5S	25	7	1.5	380	65	233	Φ165	448	G1 ¹ / ₂	Φ65	20	47×20×24
50WQ15-20-2.2S	15	20	2.2	380	50	262	Φ188	510	G1 ¹ / ₂	Φ50	33	59×22×28
65WQ25-15-2.2S	25	15	2.2	380	65	262	Φ188	510	G1 ¹ / ₂	Φ65	33	59×22×28
50WQ15-25-3S	15	25	3	380	50	262	Φ188	530	G1 ¹ / ₂	Φ50	36	62×23×30
65WQ25-20-3S	25	20	3	380	65	262	Φ188	530	G1 ¹ / ₂	Φ65	36	62×23×30
50WQ15-32-4S	15	32	4	380	50	262	Φ188	555	G1 ¹ / ₂	Φ50	38	64×24×30
65WQ25-25-4S	25	25	4	380	65	262	Φ188	555	G1 ¹ / ₂	Φ65	38	64×24×30

Performance graph



WQ(D)-S

WQ(D)-S All-Stainless Steel Sewage Submersible Electric Pump
(National Standard Flange) (Can be equipped with stirring and cutting devices)
2P-2900rpm

Product Overview

The national standard flange WQ(D)-S all-stainless steel precision cast sewage submersible pump adopts a stainless steel precision cast casing, which has the characteristics of corrosion resistance, environmental protection, high head, and large flow.

Product features

1. The oil chamber adopts fluorine rubber double-end mechanical seals, while the outer chamber adopts a single-end fluorine rubber mechanical oil seal structure, effectively reducing the problem of water ingress caused by shaft wear due to friction between sand and the shaft.
2. The motor adopts vacuum impregnation to achieve Class F insulation and is equipped with a thermal protection device, effectively extending the pump's service life.
3. According to customer requirements, a stirring device can be added. This device generates strong stirring force as the motor shaft rotates, turning sediment in the sewage tank into suspended matter before discharge. A cutting device can also be included, which can shred long fibers, plastics, paper bags, straw, and other debris in the sewage before discharge.
4. Anti-corrosion cables, PTFE mechanical seals, and high-temperature resistant motors can be customized according to special customer requirements. (Suitable for use in environments with liquid temperatures $\leq 100^{\circ}\text{C}$).

Main uses

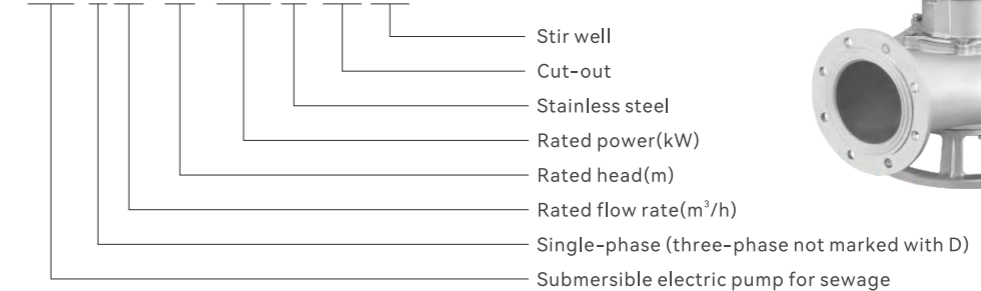
It's suitable for building construction, hospitals, residential areas, municipal engineering, road traffic and construction, chemical plating, factory sewage, aquaculture, pharmacy, beverages, seawater and brine, solid particles contained in general corrosive media, long fiber wastewater, sewage.

Terms of use

1. The submerged depth from the center of the impeller should not exceed 5m;
2. The temperature of the conveying medium should not be higher than $+40^{\circ}\text{C}$;
3. The PH value of the conveying medium is 304 (4-10) and 316 (2-13);
4. The kinematic viscosity of the conveying medium is $7 \times 10^{-2} - 23 \times 10^{-4} \text{m}^2/\text{s}$.
5. Can pass through the maximum particle diameter: $\phi 20\text{mm}/2"$, $\phi 25\text{mm}/2.5"$, $\phi 30\text{mm}/3"$, $\phi 35\text{mm}/4"$, $\phi 45\text{mm}/6"$, $\phi 50/8"$, $\phi 50\text{mm}/8"$, $\phi 55\text{mm}/10"$, $\phi 70\text{mm}/12"$

Model Description

WQ D 10 - 10 - 0.75 S QG JY



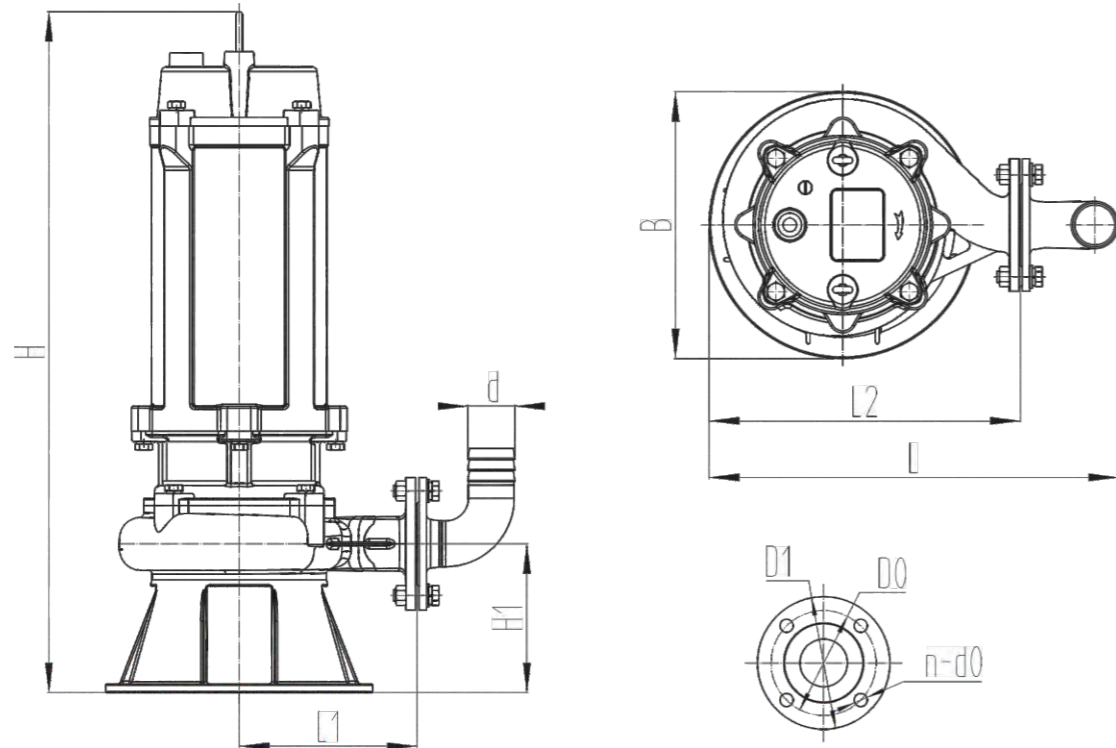
Technical parameters

Model	Rated Flow Rate (m³/h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Speed (r/min)	Exterior installation dimensions						Pump outlet flange and connection size				Gross Weight (kg)	Dimensions (cm)
							L	L1	L2	B	H	H1	d	D0	n-∅	D1		
50WQ(D)10-10-0.75S	10	10	0.75	220/380	50	2900	352	142	248	214	482	111	∅50	∅110	4-∅14	∅140	25/24	52×22×25
65WQ(D)15-6-0.75S	15	6	0.75	220/380	65	2900	361	142	248	214	482	111	∅65	∅130	4-∅14	∅160	27/26	52×22×25
50WQ(D)15-10-1.1S	15	10	1.1	220/380	50	2900	352	142	248	214	510	111	∅50	∅110	4-∅14	∅140	27/26	54×22×25
65WQ(D)25-7-1.1S	25	7	1.1	220/380	65	2900	361	142	248	214	510	111	∅65	∅130	4-∅14	∅160	28	54×22×25
50WQ(D)15-12-1.5S	15	12	1.5	220/380	50	2900	352	142	248	214	510	111	∅50	∅110	4-∅14	∅140	29/28	54×22×25
65WQ(D)25-10-1.5S	25	10	1.5	220/380	65	2900	361	142	248	214	510	111	∅65	∅130	4-∅14	∅160	29	54×22×25
50WQ(D)15-20-2.2S	15	20	2.2	220/380	50	2900	367	157	264	214	560	116	∅50	∅110	4-∅14	∅140	40/38	59×22×28
65WQ(D)25-15-2.2S	25	15	2.2	220/380	65	2900	380	159	266	216	560	118	∅65	∅130	4-∅14	∅160	41/40	59×22×28
80WQ(D)40-9-2.2S	40	9	2.2	220/380	80	2900	406	170	282	220	562	122	∅75	∅150	4-∅18	∅190	44/42	60×23×29
100WQ(D)50-7-2.2S	50	7	2.2	220/380	100	2900	462	178	292	230	580	130	∅100	∅170	4-∅18	∅210	47/45	62×23×30
50WQ15-25-3S	15	25	3	380	50	2900	377	166	275	225	590	116	∅50	∅110	4-∅14	∅140	43	62×23×30
65WQ25-20-3S	25	20	3	380	65	2900	397	170	285	230	590	117	∅65	∅130	4-∅14	∅160	44	62×23×30
80WQ40-15-3S	40	15	3	380	80	2900	422	182	300	230	590	120	∅75	∅150	4-∅18	∅190	47	63×25×32
100WQ50-10-3S	50	10	3	380	100	2900	462	178	292	230	600	130	∅100	∅170	4-∅18	∅210	48	63×25×32
50WQ15-32-4S	15	32	4	380	50	2900	377	166	275	225	615	116	∅50	∅110	4-∅14	∅140	47	64×24×30
65WQ25-25-4S	25	25	4	380	65	2900	397	170	285	230	615	117	∅65	∅130	4-∅14	∅160	48	64×24×30
80WQ40-18-4S	40	18	4	380	80	2900	422	182	300	230	615	120	∅75	∅150	4-∅18	∅190	51	66×25×32
100WQ50-15-4S	50	15	4	380	100	2900	462	178	292	230	630	130	∅100	∅170	4-∅18	∅210	52	66×25×32
50WQ20-32-5.5S	20	32	5.5	380	50	2900	415	187	315	260	683	125	∅50	∅110	4-∅14	∅140	65	72×26×33
65WQ30-25-5.5S	30	25	5.5	380	65	2900	427	187	315	260	683	125	∅65	∅130	4-∅14	∅160	68	72×26×33
80WQ50-18-5.5S	50	18	5.5	380	80	2900	457	199	332	267	703	136	∅75	∅150	4-∅18	∅190	71	75×27×34
100WQ80-10-5.5S	80	10	5.5	380	100	2900	502	199	333	272	715	140	∅100	∅170	4-∅18	∅210	74	75×27×34

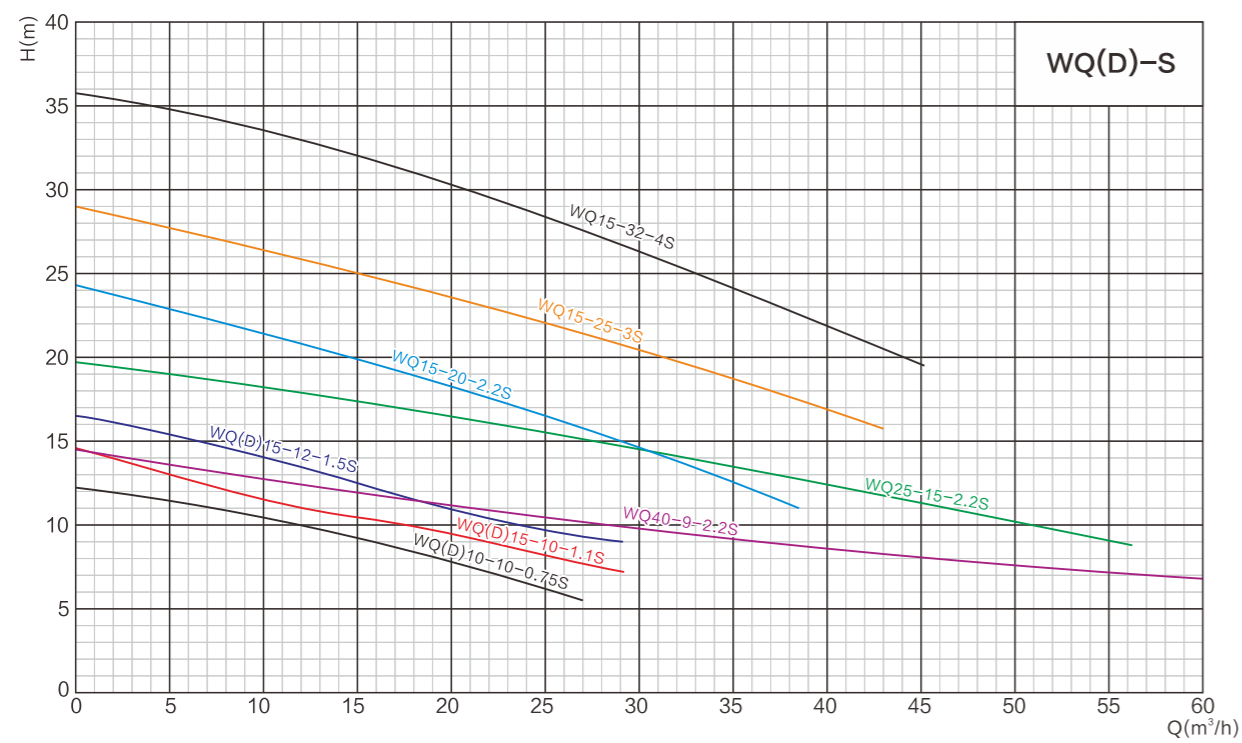
Technical parameters

Model	Rated Flow Rate (m³/h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Speed (r/min)	Exterior installation dimensions						Pump outlet flange and connection size				Gross Weight (kg)	Dimensions (cm)
							L	L1	L2	B	H	H1	d	D0	n-∅	D1		
150WQ100-7-5.5S	100	7	5.5	380	150	2900	586	224	362	278	725	146	∅150	∅225	8-∅18	∅265	80	76×29×38
50WQ20-40-7.5S	20	40	7.5	380	50	2900	430	187	330	280	715	156	∅50	∅110	4-∅14	∅140	71	76×29×34
65WQ30-32-7.5S	30	32	7.5	380	65	2900	441	187	330	280	715	156	∅65	∅130	4-∅14	∅160	73	76×29×34
80WQ45-22-7.5S	45	22	7.5	380	80	2900	462	199	340	285	735	170	∅75	∅150	4-∅18	∅190	76	78×29×34
100WQ80-15-7.5S	80	15	7.5	380	100	2900	509	199	340	290	747	175	∅100	∅170	4-∅18	∅210	78	78×29×34
150WQ100-10-7.5S	100	10	7.5	380	150	2900	588	224	365	290	757	180	∅150	∅225	8-∅18	∅265	84	79×31×38
65WQ30-50-11S	30	50	11	380	65	2900	475	218	361	288	880	173	∅65	∅130	4-∅14	∅160	/	93×30×37
80WQ45-42-11S	45	42	11	380	80	2900	488	220	365	290	892	184	∅75	∅150	4-∅18	∅190	/	93×30×37
100WQ100-20-11S	100	20	11	380	100	2900	540	220	370	302	895	177	∅100	∅170	4-∅18	∅210	/	93×30×37
150WQ180-10-11S	180	10	11	380	150	2900	622	241	398	310	905	183	∅150	∅225	8-∅18	∅265	/	93×40×45
200WQ250-6-11S	250	6	11	380	200	2900	/	300	487	377	953	219	∅200	∅280	8-∅18	∅320	/	93×40×45
65WQ30-60-15S	30	60	15	380	65	2900	475	218	361	288	880	173	∅65	∅130	4-∅14	∅160	/	93×30×37
80WQ45-52-15S	45	52	15	380	80	2900	488	220	365	290	892	184	∅75	∅150	4-∅18	∅190	/	93×30×37
100WQ100-25-15S	100	25	15	380	100	2900	540	220	370	302	895	177	∅100	∅170	4-∅18	∅210	/	93×30×37
150WQ150-15-15S	150	15	15	380	150	2900	622	241	398	310	905	183	∅150	∅225	8-∅18	∅265	/	93×40×45
200WQ200-11-15S	200	11	15	380	200	2900	/	300	487	377	953	219	∅200	∅280	8-∅18	∅320	/	93×40×45
80WQ60-50-18.5S	60	50	18.5	380	80	2900	488	220	365	290	982	184	∅75	∅150	4-∅18	∅190	/	103×30×37
100WQ100-28-18.5S	100	28	18.5	380	100	2900	540	220	370	302	985	177	∅100	∅170	4-∅18	∅210	/	103×30×37
150WQ180-18-18.5S	180	18	18.5	380	150	2900	622	241	398	310	996	183	∅150	∅225	8-∅18	∅265	/	103×40×45
200WQ250-15-18.5S	250	15	18.5	380	200	2900	/	300	487	377	1043	219	∅200	∅280	8-∅18	∅320	/	103×40×45
80WQ60-55-22S	60	55	22	380	80	2900	488	220	365	290	982	184	∅75	∅150	4-∅18	∅190	/	103×30×37
100WQ100-30-22S	100	30	22	380	100	2900	540	220	370	302	985	177	∅100	∅170	4-∅18	∅210	/	103×30×37
150WQ150-25-22S	150	25	22	380	150	2900	622	241	398	310	996	183	∅150	∅225	8-∅18	∅265	/	103×40×45
200WQ250-18-22S	250	18	22	380	200	2900	/	300	487	377	1043	219	∅200	∅280	8-∅18	∅320	/	103×40×45

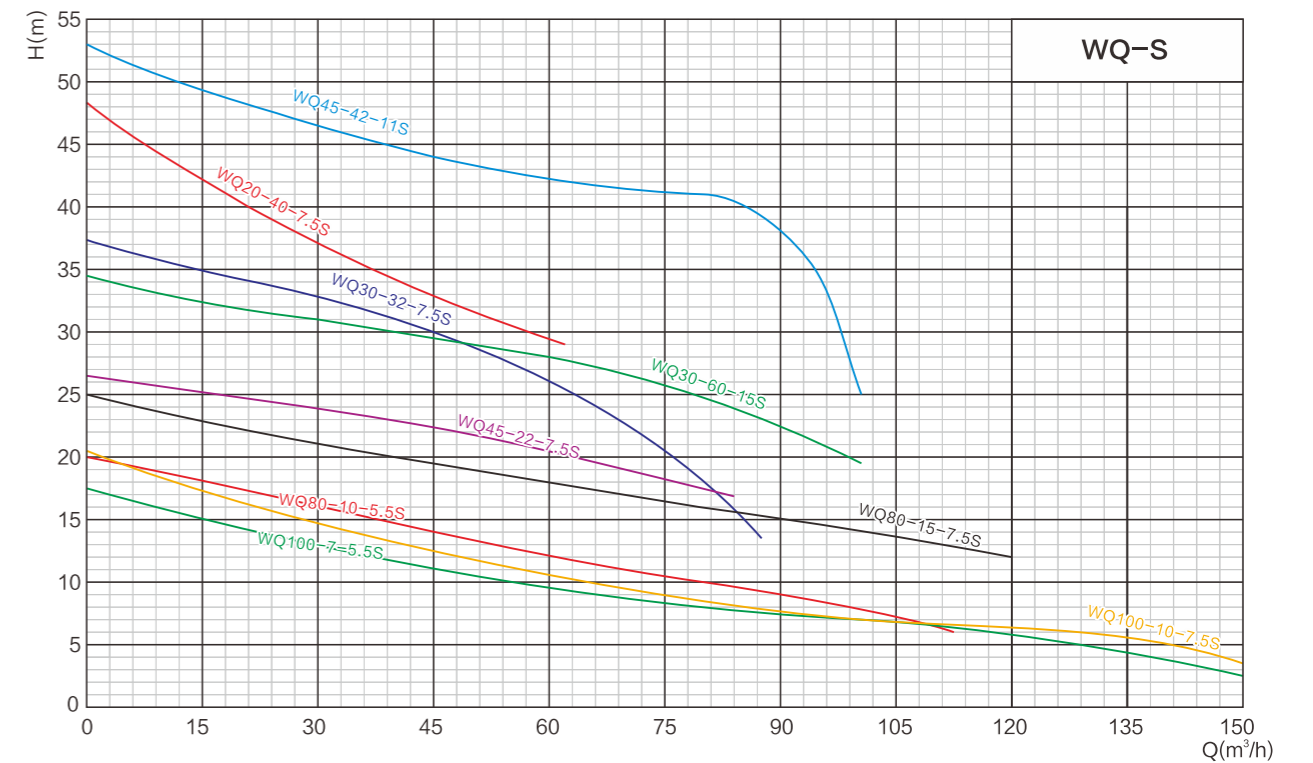
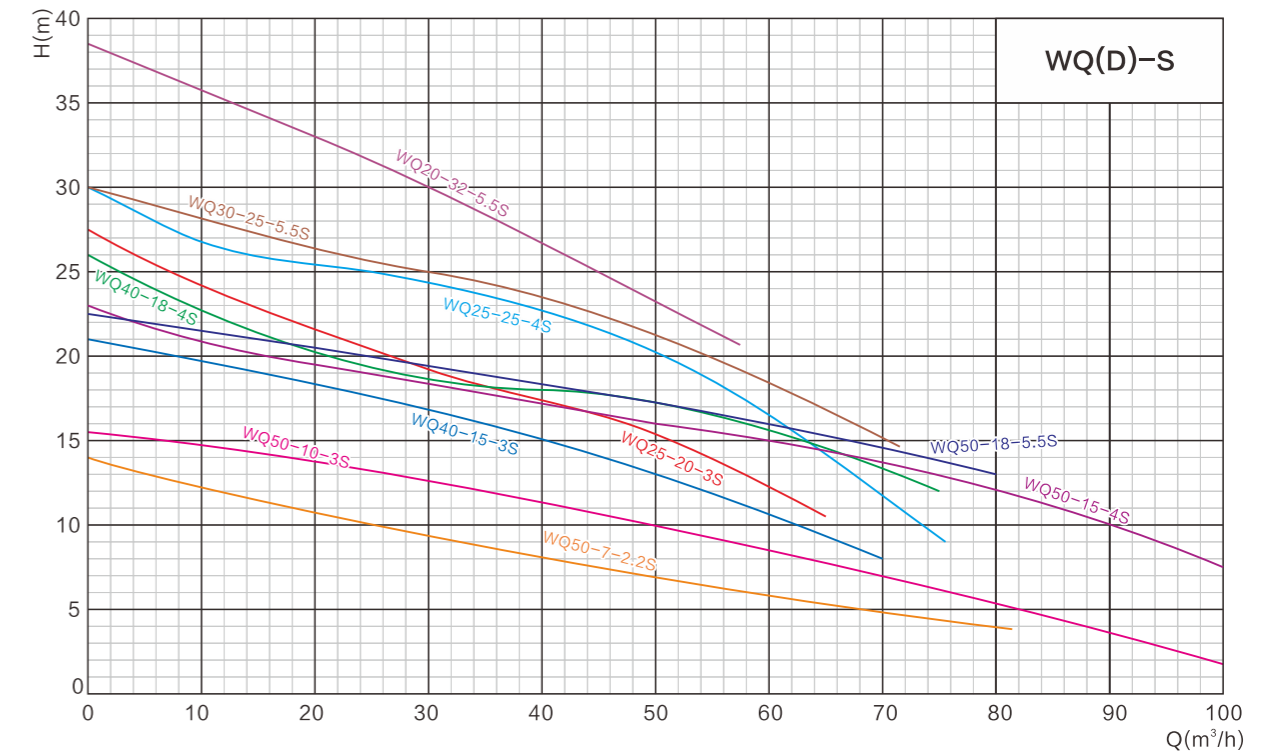
Installation dimensions



Performance graph



Performance graph



WQ-S

WQ-S All-Stainless Steel Sewage Submersible Electric Pump
(Can be equipped with stirring devices)
4P-1450rpm

Product Overview

The national standard flange WQ-S all-stainless steel precision cast sewage submersible pump adopts a stainless steel precision cast casing, which has the characteristics of corrosion resistance, environmental protection, high head, and large flow.

Product features

1. The oil chamber adopts fluorine rubber double-end mechanical seals, while the outer chamber adopts a single-end fluorine rubber mechanical oil seal structure, effectively reducing the problem of water ingress caused by shaft wear due to friction between sand and the shaft.
2. The motor adopts vacuum impregnation to achieve Class F insulation and is equipped with a thermal protection device, effectively extending the pump's service life.
3. According to customer requirements, a stirring device can be added. This device generates strong stirring force as the motor shaft rotates, turning sediment in the sewage tank into suspended matter before discharge. A cutting device can also be included, which can shred long fibers, plastics, paper bags, straw, and other debris in the sewage before discharge.

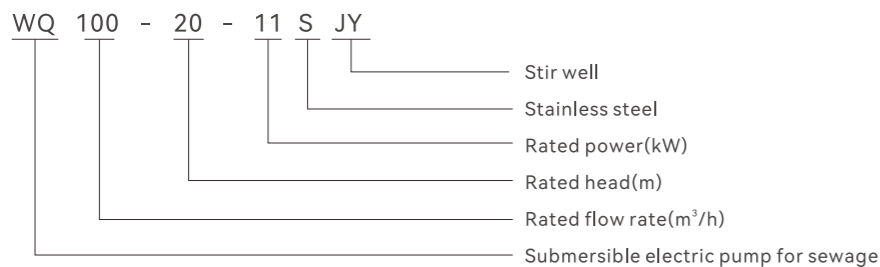
Main uses

It's suitable for building construction, hospitals, residential areas, municipal engineering, road traffic and construction, chemical plating, factory sewage, aquaculture, pharmacy, beverages, seawater and brine, solid particles contained in general corrosive media, long fiber wastewater, sewage.

Terms of use

1. The submerged depth from the center of the impeller should not exceed 5m;
2. The temperature of the conveying medium should not be higher than +40°C;
3. The PH value of the conveying medium is 304 (4-10) and 316 (2-13);
4. The kinematic viscosity of the conveying medium is $7 \times 10^{-7} - 23 \times 10^{-6} \text{m}^2/\text{s}$.

Model Description



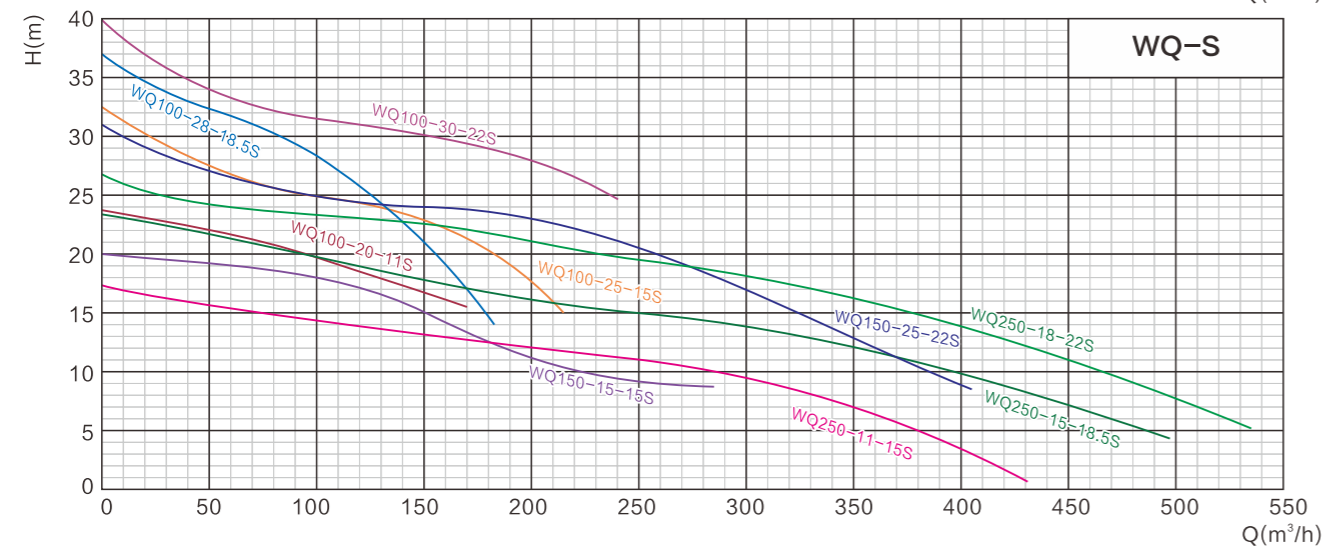
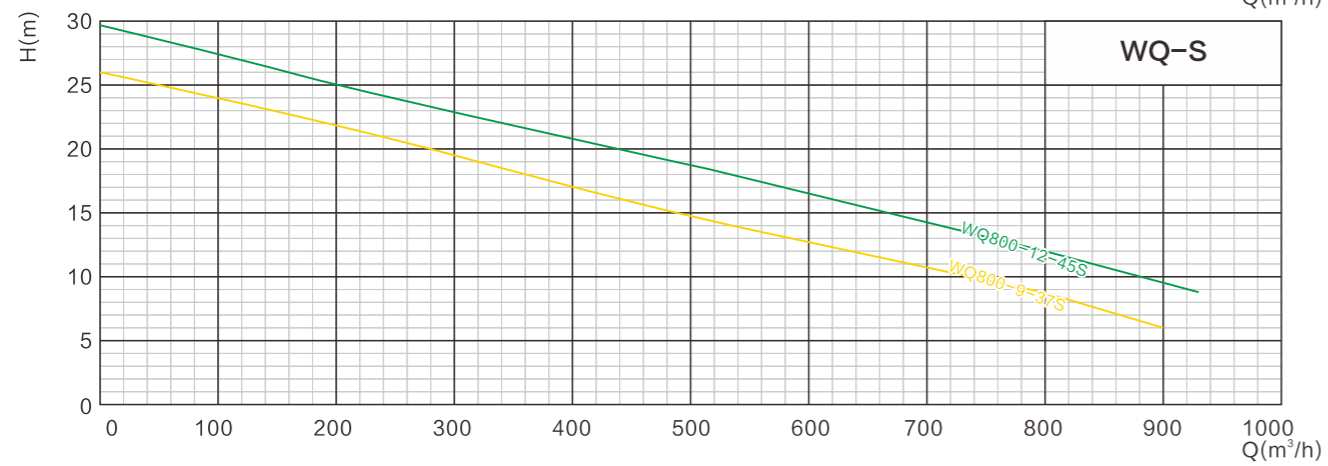
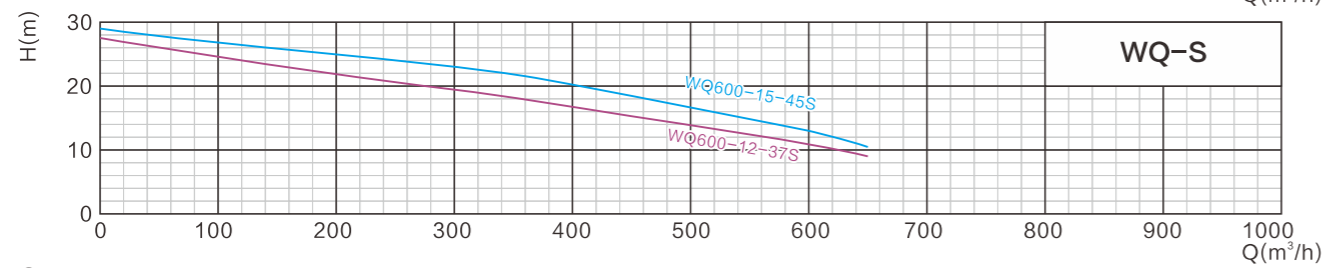
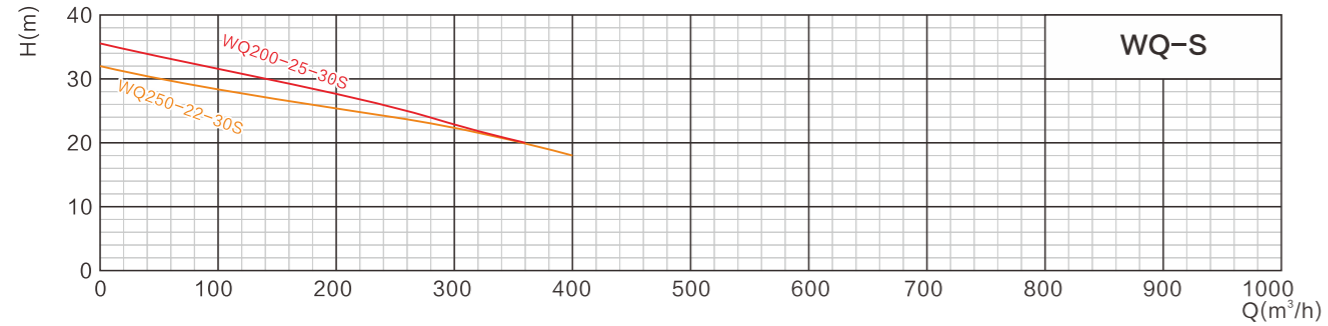
Stir the impeller well Mechanical Seal



Technical parameters

Model	Rated Flow Rate (m ³ /h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Speed (r/min)	Exterior installation dimensions						Pump outlet flange and connection size				Gross Weight (kg)	Dimensions (cm)
							L	L1	L2	B	H	H1	d	D0	n-∅	D1		
WQ100-20-11S	100	20	11	380	∅100	1450	786	346	615	537	1078	251	∅100	∅170	4-∅18	∅210	/	120×62×86
WQ180-10-11S	180	10	11	380	∅150	1450	793	320	570	477	1091	257	∅150	∅225	8-∅18	∅265	/	120×56×86
WQ250-7-11S	250	7	11	380	∅200	1450	878	320	570	467	1109	266	/	∅280	8-∅18	∅320	/	125×56×96
WQ100-25-15S	100	25	15	380	∅100	1450	786	346	615	537	1078	251	∅100	∅170	4-∅18	∅210	/	120×62×86
WQ150-15-15S	150	15	15	380	∅150	1450	793	320	570	477	1091	257	∅150	∅225	8-∅18	∅265	/	120×56×86
WQ250-11-15S	250	11	15	380	∅200	1450	878	320	570	467	1109	266	/	∅280	8-∅18	∅320	/	125×56×96
WQ100-28-18.5S	100	28	18.5	380	∅100	1450	765	355	595	480	994	184	∅100	∅170	4-∅18	∅210	/	125×56×66
WQ180-18-18.5S	180	18	18.5	380	∅150	1450	830	366	606	497	1020	195	∅150	∅225	8-∅18	∅265	/	125×56×66
WQ250-15-18.5S	250	15	18.5	380	∅200	1450	/	366	606	497	1020	195	/	∅280	8-∅18	∅320	/	125×56×66
WQ100-30-22S	100	30	22	380	∅100	1450	765	355	595	480	994	184	∅100	∅170	4-∅18	∅210	/	125×56×66
WQ150-25-22S	150	25	22	380	∅150	1450	830	366	606	497	1020	195	∅150	∅225	8-∅18	∅265	/	125×56×66
WQ250-18-22S	250	18	22	380	∅200	1450	/	366	606	497	1020	195	/	∅280	8-∅18	∅320	/	125×56×66
WQ200-25-30S	200	25	30	380	∅150	1450	836	350	615	530	1230	257	∅150	∅225	8-∅18	∅265	/	140×60×90
WQ250-22-30S	250	22	30	380	∅200	1450	942	370	644	548	1249	266	/	∅280	8-∅18	∅320	/	142×62×100
WQ600-9-30S	600	9	30	380	∅250	1450	/	410	712	604	1290	285	/	∅335	12-∅18	∅375	/	145×67×78
WQ800-7-30S	800	7	30	380	∅300	1450	/	460	790	660	1325	303	/	∅395	12-∅22	∅440	/	150×73×86
WQ120-50-37S	120	50	37	380	∅100	1450	831	400	662	530	1230	222	∅100	∅170	4-∅18	∅210	/	140×58×70
WQ200-30-37S	200	30	37	380	∅150	1450	842	360	618	530	1252	227	∅150	∅225	8-∅18	∅265	/	140×58×65
WQ350-25-37S	350	25	37	380	∅200	1450	/	382	640	557	1300	257	/	∅280	8-∅18	∅320	/	145×60×70
WQ600-12-37S	600	12	37	380	∅250	1450	/	382	640	557	1322	266	/	∅335	12-∅18	∅375	/	145×60×70
WQ800-9-37S	800	9	37	380	∅300	1450	/	407	700	577	1340	257	/	∅395	12-∅22	∅440	/	145×60×75
WQ1000-7-37S	1000	7	37	380	∅350	1450	/	415	708	577	1230	257	/	∅460	16-∅22	∅505	/	145×60×75
WQ100-60-45S	100	60	45	380	∅100	1450	831	400	662	530	1230	222	∅100	∅170	4-∅18	∅210	/	140×58×70
WQ200-35-45S	200	35	45	380	∅150	1450	842	360	618	530	1252	227	∅150	∅225	8-∅18	∅265	/	140×58×65
WQ400-25-45S	400	25	45	380	∅200	1450	/	382	640	557	1300	257	/	∅280	8-∅18	∅320	/	145×60×70
WQ600-15-45S	600	15	45	380	∅250	1450	/	382	640	557	1322	266	/	∅335	12-∅18	∅375	/	145×60×70
WQ800-12-45S	800	12	45	380	∅300	1450	/	407	700	577	1340	257	/	∅395	12-∅22	∅440	/	145×60×75
WQ1000-9-45S	1000	9	45	380	∅350	1450	/	415	708	577	1230	257	/	∅460	16-∅22	∅505	/	145×60×75

Performance graph



BWQ BWQ Explosion-Proof Sewage
Submersible Electric Pump

PRODUCT OVERVIEW

The BWQ series of explosion-proof submersible sewage pumps for industrial use is our company's latest explosion-proof product. Its explosion-proof performance complies with the standards of GB3836.1-2021 "Explosive atmospheres—Part 1:Equipment—General requirements" and GB3836.2-2010 "Explosive atmospheres—Part 2:Equipment protection by flameproof enclosures"d". The explosion-proof mark is Ex db IIC T4 Gb. The entire series of products has obtained explosion-proof certification, with a complete range of models for easy selection.

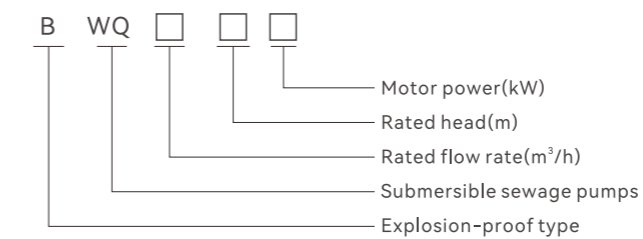
Main uses

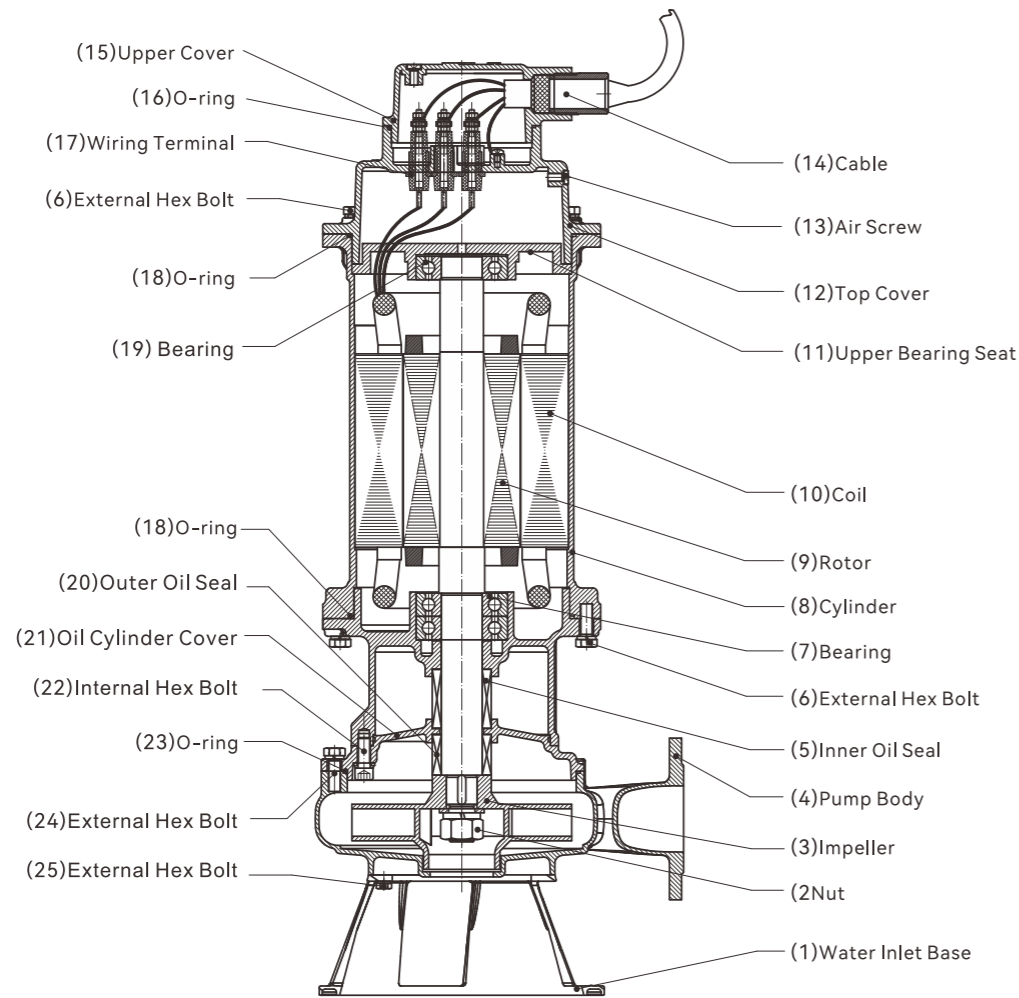
BWQ products are used for sewage discharge in explosive mixtures of flammable gases or vapors and air formed in factory environments rated IIB/IIC with temperature classes T1-T4. They are suitable for use in coal chemistry, petrochemicals, municipal engineering, urban industry, hospitals, hotels, residential areas, and other places.

Terms of use

1. Locations that meet the explosion-proof marking requirements of the product and have explosion-proof requirements.
2. Rated voltage: 220V, 380V, 660V, 1140V
3. Conveying medium temperature: 0-40°C (choose a hot water pump type for this temperature range)
4. PH value of the conveying medium: 5-9
5. Medium density: ≤1100Kg/m³
6. Maximum diving depth: 20m

Model Description





No	Name	Quantity	Material	No	Name	Quantity	Material
1	Water Inlet Base	1	304	14	Cable	1	Assembly
2	Nut	1	304	15	Upper Cover	1	304
3	Impeller	1	304	16	O-ring	1	Fluorine Rubber
4	Pump Body	1	304	17	Wiring Terminal	1	Assembly
5	Inner Oil Seal	1	Assembly	18	O-ring	3	Fluorine Rubber
6	External Hex Bolt	12	304	19	Bearing	2	Assembly
7	Bearing	1	Assembly	20	O-ring	1	Assembly
8	Cylinder	1	304	21	Oil Cylinder Cover	1	304
9	Rotor	1	Assembly	22	Internal Hex Bolt	4	304
10	Coil	1	Assembly	23	O-ring	1	Fluorine Rubber
11	Upper Bearing Seat	1	HT200	24	External Hex Bolt	6	304
12	Top Cover	1	304	25	External Hex Bolt	4	304
13	Air Screw	1	304				

Technical parameters

Model	Rated Flow Rate (m ³ /h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Speed (r/min)	Dimensions (cm)
BWQ(D)10-10-0.75S	10	10	0.75	220/380	50	2900	62x23x26
BWQ(D)15-6-0.75S	15	6	0.75	220/380	65	2900	62x23x26
BWQ(D)15-10-1.1S	15	10	1.1	220/380	50	2900	62x23x26
BWQ(D)25-7-1.1S	25	7	1.1	220/380	65	2900	62x23x26
BWQ(D)15-12-1.5S	15	12	1.5	220/380	50	2900	62x23x26
BWQ(D)25-10-1.5S	25	10	1.5	220/380	65	2900	62x23x26
BWQ(D)15-20-2.2S	15	20	2.2	220/380	50	2900	68x25x30
BWQ(D)25-15-2.2S	25	15	2.2	220/380	65	2900	68x25x30
BWQ(D)40-9-2.2S	40	9	2.2	220/380	80	2900	68x25x30
BWQ(D)50-7-2.2S	50	7	2.2	220/380	100	2900	68x25x30
BWQ15-25-3S	15	25	3	380	50	2900	70x25x32
BWQ25-20-3S	25	20	3	380	65	2900	70x25x32
BWQ40-15-3S	40	15	3	380	80	2900	70x25x32
BWQ50-10-3S	50	10	3	380	100	2900	70x25x32
BWQ15-32-4S	15	32	4	380	50	2900	70x25x32
BWQ25-25-4S	25	25	4	380	65	2900	70x25x32
BWQ40-18-4S	40	18	4	380	80	2900	70x25x32
BWQ50-15-4S	50	15	4	380	100	2900	70x25x32
BWQ20-32-5.5S	20	32	5.5	380	50	2900	84x31x38
BWQ30-25-5.5S	30	25	5.5	380	65	2900	84x31x38
BWQ50-18-5.5S	50	18	5.5	380	80	2900	84x31x38
BWQ80-10-5.5S	80	10	5.5	380	100	2900	84x31x38
BWQ100-7-5.5S	100	7	5.5	380	150	2900	84x31x38
BWQ20-40-7.5S	20	40	7.5	380	50	2900	84x31x38
BWQ30-32-7.5S	30	32	7.5	380	65	2900	84x31x38
BWQ45-22-7.5S	45	22	7.5	380	80	2900	84x31x38
BWQ80-15-7.5S	80	15	7.5	380	100	2900	84x31x38
BWQ100-10-7.5S	100	10	7.5	380	150	2900	84x31x38
BWQ30-50-11S	30	50	11	380	60	2900	95x40x44
BWQ45-42-11S	45	42	11	380	80	2900	95x40x44
BWQ100-20-11S	100	20	11	380	100	2900	95x40x44
BWQ180-10-11S	180	10	11	380	150	2900	95x40x44
BWQ250-6-11S	250	6	11	380	200	2900	95x40x44
BWQ30-60-15S	30	60	15	380	65	2900	95x40x44
BWQ45-52-15S	45	52	15	380	80	2900	95x40x44
BWQ100-25-15S	100	25	15	380	100	2900	95x40x44
BWQ150-15-15S	150	15	15	380	150	2900	95x40x44
BWQ200-11-15S	200	11	15	380	200	2900	95x40x44

QY-S QY-S All-Stainless Steel Oil Immersion Submersible Electric Pump

Product Overview

The QY series oil-filled compact submersible pump (hereinafter referred to as the electric pump) consists of three parts: the water pump, seal, and electric motor. The water pump, located at the top of the electric pump, has a centrifugal or axial flow structure; the electric motor, located at the bottom of the electric pump, is an oil-filled three-phase asynchronous motor; the water pump and electric motor are sealed with an internally mounted integral mechanical seal box, and the fixed sealing surfaces are sealed with an "O"-shaped oil-resistant rubber sealing ring for static sealing.

1. The QY all-stainless steel oil-filled submersible pump has a beautiful appearance and small size. A unique floating oil bladder is installed inside the lower part of the pump. As the temperature of the electric pump increases, the oil bladder adjusts its position downward to prevent bursting due to temperature increase, regulating the internal and external pressure to ensure the safety and reliability of the pump operation.

2. The mechanical seal adopts a double-sided fluororubber seal, and a single-sided mechanical seal is used outdoors to effectively protect the motor from water ingress and prevent burnout.

3. The use of Class F insulated motors and conical bearings extends the life of the electric pump.

Main uses

1. The working medium is a non-corrosive liquid, with the volume ratio of particles in the medium not exceeding 0.10%, and the particle size not greater than 0.20mm.

2. The medium temperature does not exceed 40°C.

3. The PH value of the conveyed medium is 304 (4-10) and 316 (4-13);

4. The electric pump should be used within the operating range near the rated head and should be completely immersed in water for use. The diving depth should not exceed 3m, and the deepest should not exceed 5m.

5. The electric pump is more than 0.5m away from the bottom of the water, but it cannot be trapped in the mud.

6. The power frequency is three-phase 50HZ, and the voltage fluctuation range is 0.9-1.1 times the rated value.

Technical parameters

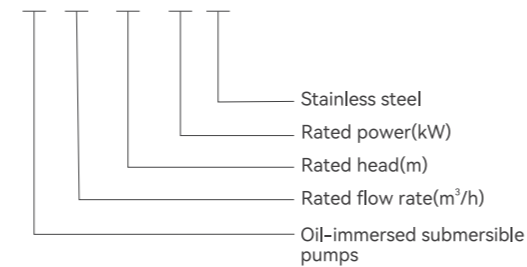
Model	Rated Flow Rate (m ³ /h)	Rated Head (m)	Rated power (kW)	Voltage (V)	Calibre (mm)	Speed (r/min)
QY15-26-2.2S	15	26	2.2	380	50	2900
QY25-17-2.2S	25	17	2.2	380	65	2900
QY38-14-2.2S	38	14	2.2	380	80	2900
QY65-7-2.2S	65	7	2.2	380	100	2900
QY100-4.5-2.2S	100	5	2.2	380	150	2900
QY15-36-3S	15	36	3	380	50	2900
QY25-26-3S	25	26	3	380	65	2900
QY40-16-3S	40	16	3	380	80	2900
QY65-10-3S	65	10	3	380	100	2900
QY100-6-3S	100	6	3	380	150	2900
QY12.5-50-4S	13	50	4	380	50	2900
QY25-32-4S	25	32	4	380	65	2900
QY40-21-4S	40	21	4	380	80	2900
QY65-15-4S	65	15	4	380	100	2900
QY100-9-4S	100	9	4	380	150	2900
QY160-5.5-4S	160	6	4	380	200	2900
QY25-42-5.5S	25	42	5.5	380	65	2900
QY40-28-5.5S	40	28	5.5	380	80	2900
QY65-19-5.5S	65	19	5.5	380	100	2900
QY100-12-5.5S	100	12	5.5	380	150	2900
QY160-8-5.5S	160	8	5.5	380	200	2900
QY25-52-7.5S	25	52	7.5	380	65	2900
QY40-38-7.5S	40	38	7.5	380	80	2900
QY65-25-7.5S	65	25	7.5	380	100	2900
QY100-15-7.5S	100	15	7.5	380	150	2900
QY160-11-7.5S	160	11	7.5	380	200	2900

Product features

This series of electric pumps has a wide range of applications by flow and head, and is widely used in rural areas, industrial and mining industries, and is suitable for water supply and drainage in farmland drainage and irrigation, garden sprinkler irrigation, underground water lifting, water tower water delivery, urban construction water and other occasions.

Model Description

QY 15 - 26 - 2.2 S



WB(S)/WBZ(S) WB(S)/WBZ(S) Stainless Steel Centrifugal Self-Priming Miniature Electric Pump

Product Overview

The WB(S) and WBZ(S) series pumps are stainless steel centrifugal and self-priming micro pumps independently developed by our company. The impeller adopts a semi-open vortex structure, and the flow parts and connections are made of precision cast stainless steel.

Product features

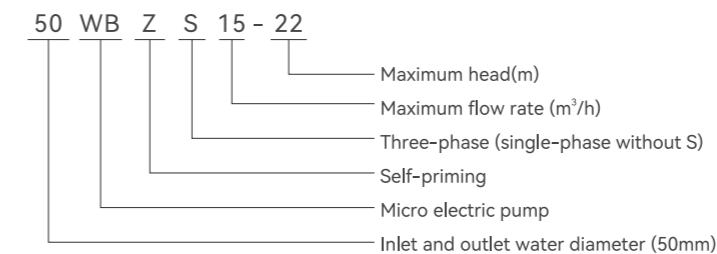
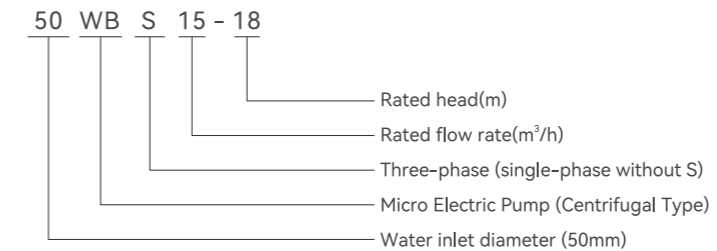
1. It adopts a stainless steel 316 welded shaft structure.

2. It uses PTFE mechanical seals and can be equipped with explosion-proof motors according to different customer needs.

Main uses

This series of pumps can transport liquids with temperatures not exceeding 103°C, containing fine soft particles or fibers, corrosive, or liquids with hygienic requirements. It is widely used in food, beverage, medicine, sewage treatment, chemical industry, electroplating, bleaching and dyeing, fine chemicals, and other industries.

Model Description



Impeller PTFE Mechanical Seal



(Classic)



(Classic)

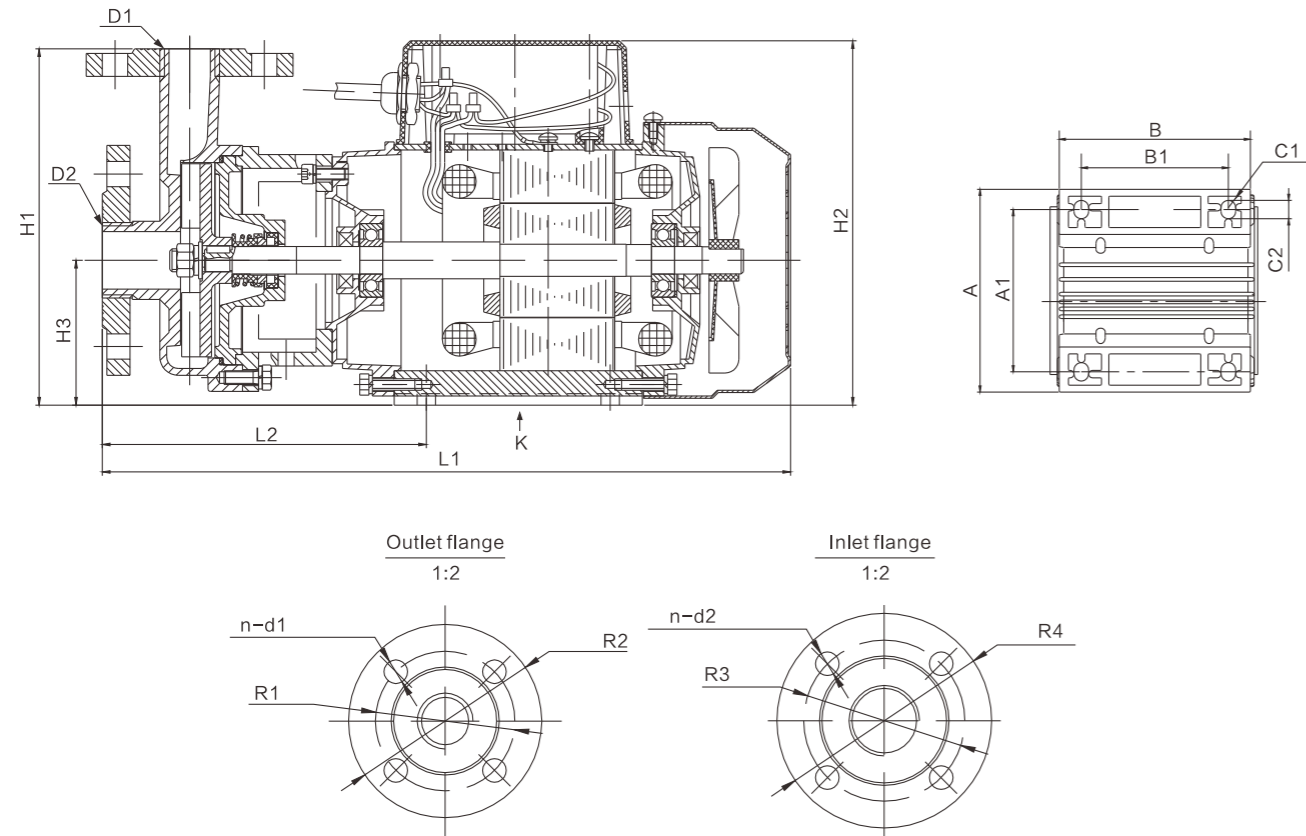


(Explosion-proof)



(Explosion-proof)

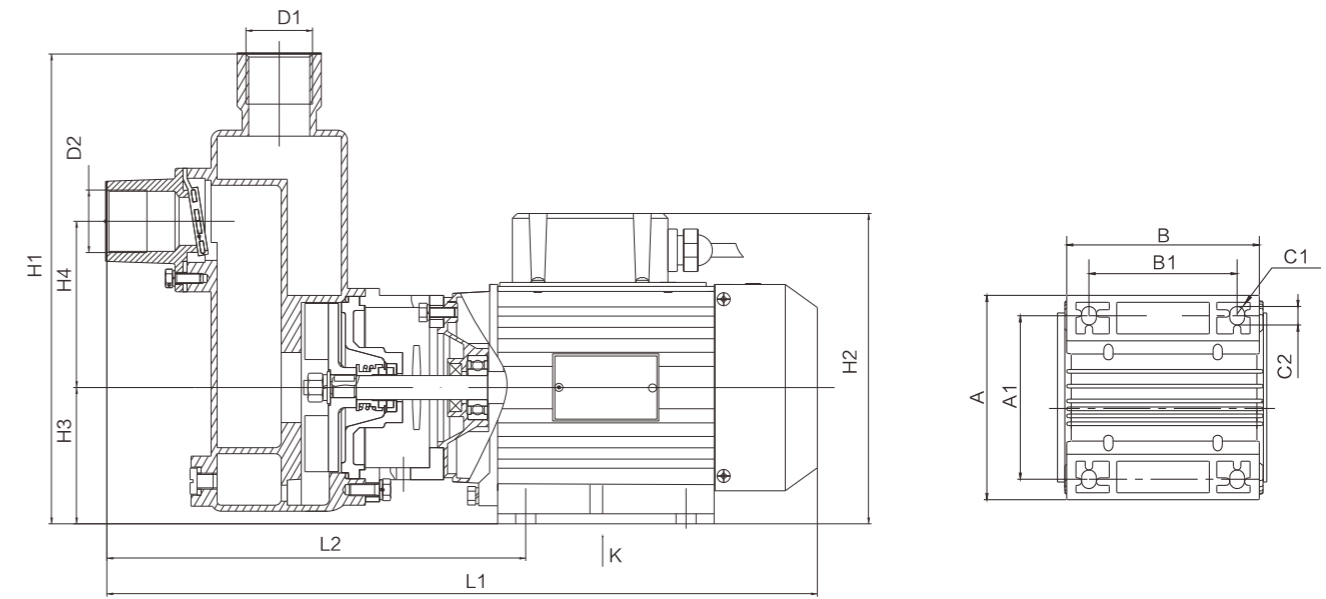
Installation dimensions



Technical parameters

Model	Flow (m ³ /h)	Head (m)	Power (kW)	Voltage (V)	Speed (r/min)	Calibre (mm)	H1	H2	H3	L1	L2	D1	D2	A	A1	B	B1	C1	C2	R1	R2	R3	R4	n-d1	n-d2	Weight (kg)	Dimensions (cm)
25WB3-10	3	10	220	0.37	2850	25	156	159	63	308	148	G3/4	G1	123	100	100	80	R4	10	Φ65	Φ90	Φ75	Φ100	4-Φ11	4-Φ11	7.5	33x16x18
25WBS3-10	3	10	380	0.37	2850	25	156	159	63	308	148	G3/4	G1	123	100	100	80	R4	10	Φ65	Φ90	Φ75	Φ100	4-Φ11	4-Φ11	12	33x16x18
40WB6-13	6	13	220	0.55	2850	40	184	154	71	345	162	G1	G1 1/2	151	112	110	90	R3.5	7	Φ75	Φ100	Φ100	Φ130	4-Φ11	4-Φ14	12	38x20x21
40WBS6-13	6	13	380	0.55	2850	40	184	154	71	345	162	G1	G1 1/2	151	112	110	90	R3.5	7	Φ75	Φ100	Φ100	Φ130	4-Φ11	4-Φ14	23	38x20x21
40WB5-20	5	20	220	0.75	2850	40	184	154	71	345	162	G1	G1 1/2	151	112	110	90	R3.5	7	Φ75	Φ100	Φ100	Φ130	4-Φ11	4-Φ14	24	38x20x21
40WBS5-20	5	20	380	0.75	2850	40	184	154	71	345	162	G1	G1 1/2	151	112	110	90	R3.5	7	Φ75	Φ100	Φ100	Φ130	4-Φ11	4-Φ14	25	38x20x21
50WB10-16	10	16	220	1.1	2850	50	216	207	90	423	201	G1 1/2	G2	180	140	151	125	R3.5	7	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	7	47x24x26
50WBS10-16	10	16	380	1.1	2850	50	216	207	90	423	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	12	47x24x26
50WB15-18	15	18	220	1.5	2850	50	216	207	90	423	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	13.5	47x24x26
50WBS15-18	15	18	380	1.5	2850	50	216	207	90	423	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	22	47x24x26
50WB13.5-22	13.5	22	220	2.2	2850	50	232	207	90	425	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	25	47x24x26
50WBS13.5-22	13.5	22	380	2.2	2850	50	232	207	90	425	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	29	47x24x26
50WBS15-22	15	22	380	3	2850	50	232	207	90	425	201	G1 1/2	G2	180	140	151	125	R5.5	11	Φ100	Φ130	Φ110	Φ140	4-Φ14	4-Φ14	32	47x24x26

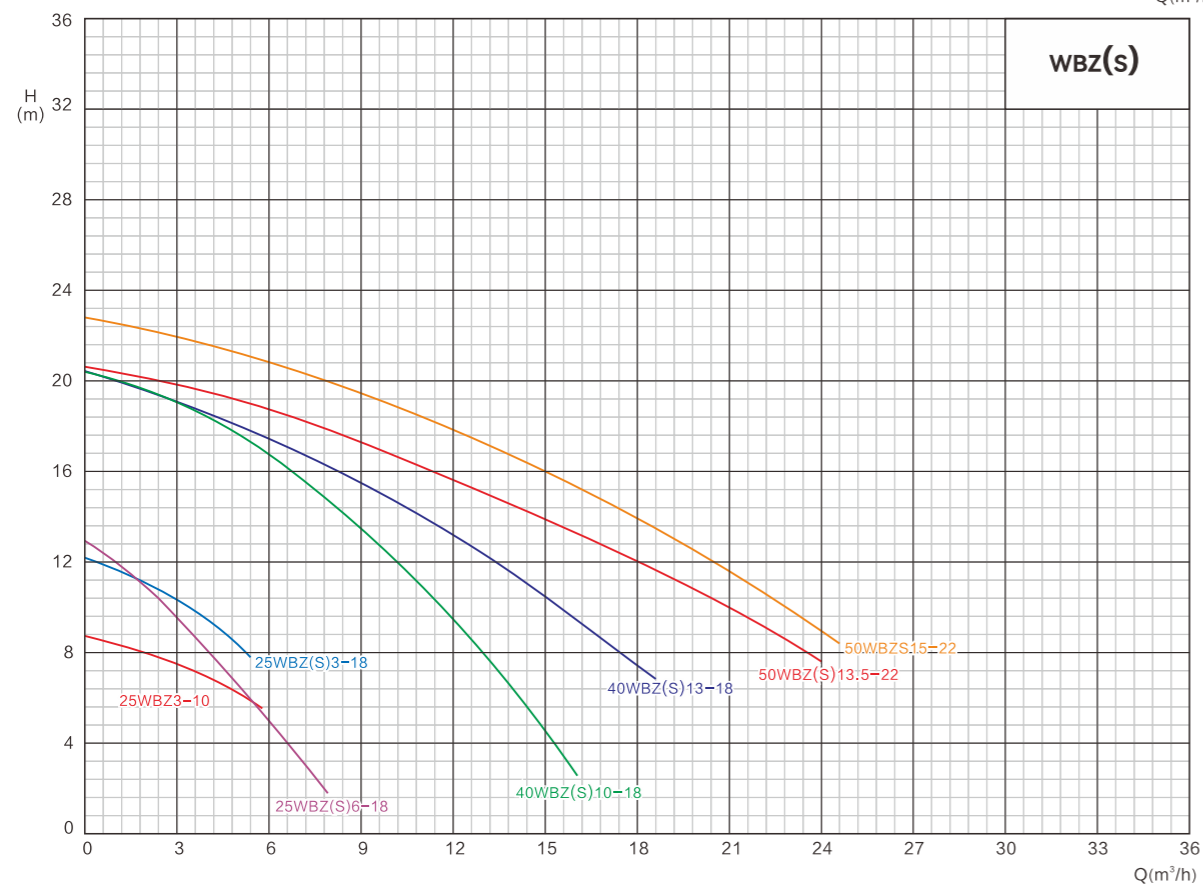
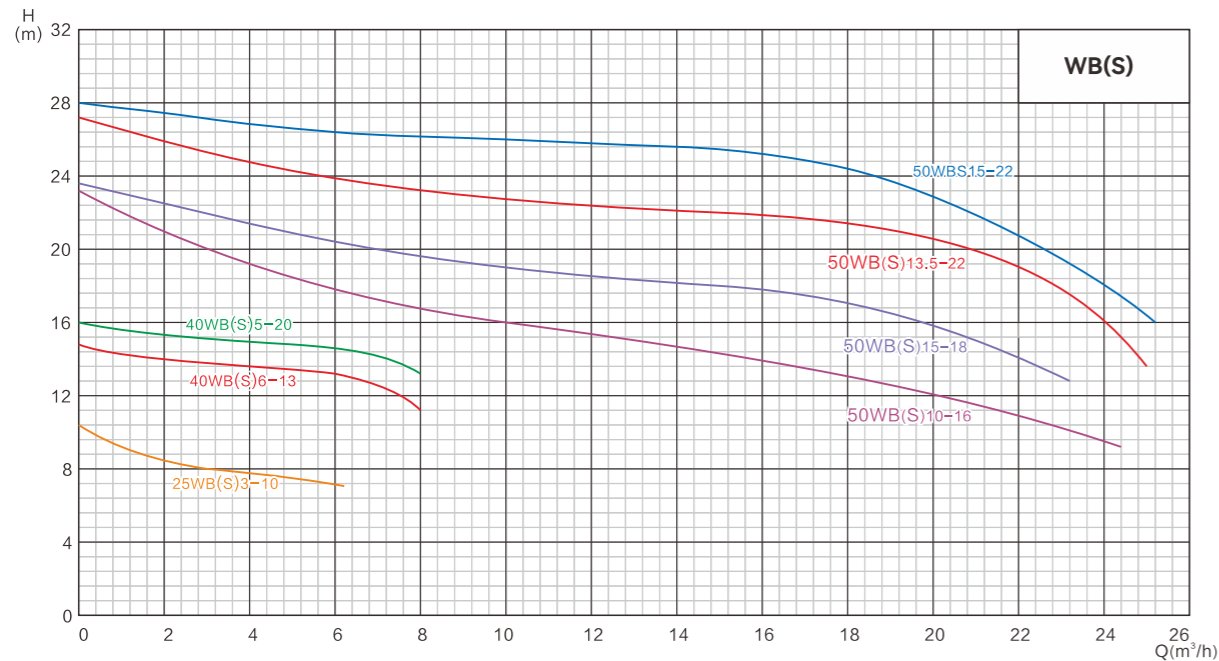
Installation dimensions



Technical parameters

Model	Flow (m ³ /h)	Head (m)	Voltage (V)	Power (kW)	Speed (r/min)	Calibre (mm)	H1	H2	H3	H4	L1	L2	D1	D2	A	A1	B	B1	C1	C2	Weight (kg)	Dimensions (cm)
25WBZ3-10	2	10	220	0.37	2850	25	229	159	63	70	360	197	G1	G1	123	100	100	80	R4	10	9.5	38x17x27
25WBZS3-10	2	10	380	0.37	2850	25	229	159	63	70	360	197	G1	G1	123	100	100	80	R4	10	9.5	38x17x27
25WBZ3-18	2	11	220	0.55	2850	25	260	154	71	85	394	210	G1	G1	151	112	110	90	R3.5	7	15	40x18x29
25WBZS3-18	2	11	380	0.55	2850	25	260	154	71	85	394	210	G1	G1	151	112	110	90	R3.5	7	14.5	40x18x29
25WBZ6-18	3	10	220	0.75	2850	25	260	154	71	85	394	210	G1	G1	151	112	110	90	R3.5	7	16	40x18x29
25WBZS6-18	3	10	380	0.75	2850	25	260	154	71	85	394	210	G1	G1	151	112	110	90	R3.5	7	14.5	40x18x29
40WBZ10-18	7	16	220	1.1	2850	40	305	207	90	98	490	243	G1 1/2	G1 1/2	180	140	151	125	R3.5	7	26	50x22x34
40WBZS10-18	7	16	380	1.1	2850	40	305	207	90	98	470	243	G1 1/2	G1 1/2	180	140	151	125	R5.5	11	26	50x22x34
40WBZ13-18	10	15	220	1.5	2850	40	305	207	90	98	490	243	G1 1/2	G1 1/2	180	140	151	125	R5.5	11	26	50x22x34
40WBZS13-18	10	15	380	1.5	2850	40	305	207	90	98	470	243	G1 1/2	G1 1/2	180	140	151	125	R5.5	11	26	50x22x34
50WBZ13.5-22	10	16	220	2.2	2850	50	308	207	90	100	490	247	G2	G2	180	140	151	125	R5.5	11	30	50x22x34
50WBZS13.5-22	10	16	380	2.2	2850	50	308	207	90	100	470	247	G2	G2	180	140	151	125	R5.5	11	29	50x22x34
50WBZ15-22	10	18	380	3	2850	50	308	207	90	100	470	247	G2	G2	180	140	151	125	R5.5	11	33	50x22x34

Performance graph



SGR(W)-S

SGR(W)-S Stainless Steel Vertical and Horizontal Pipeline Centrifugal Pump

Product Overview

The SGR(W)-S series stainless steel vertical and horizontal pipeline centrifugal pump (hereinafter referred to as the electric pump) is a new generation of single-stage centrifugal pump product designed by the company. It is divided into basic and cutting types, which can replace conventional centrifugal pumps used in general occasions. According to different customer needs, PTFE mechanical seals and explosion-proof motors can be customized.

Product features

1. The pump has a compact structure, small size, and beautiful appearance. Its vertical structure installation occupies a small area, and its center of gravity coincides with the center of the pump foot, thus enhancing the operating stability and service life of the pump.
2. The inlet and outlet diameters are the same and on the same centerline, making installation convenient without changing the pipeline. It can be directly installed at any position of the pipeline like a valve. The motor with a rain cover can also be placed outdoors.
3. The motor and pump are coaxial, simplifying the intermediate structure and increasing operational stability. The impeller has excellent dynamic and static balance, resulting in low vibration, reduced noise during operation, extended bearing life, and improved operating environment.
4. The motor adopts an efficient heat dissipation cast aluminum casing, imported bearings, stainless steel 316 welded rotor shaft, fluororubber "O" rings, fluororubber mechanical seals, and all flow parts are made of precision cast stainless steel.
5. Maintenance is convenient without dismantling the pipeline. Maintenance can be performed by simply removing the connecting frame and taking out the motor and transmission components.
6. Its unique structure and careful design not only reduce the pump room area and improve space utilization but also significantly save infrastructure investment.

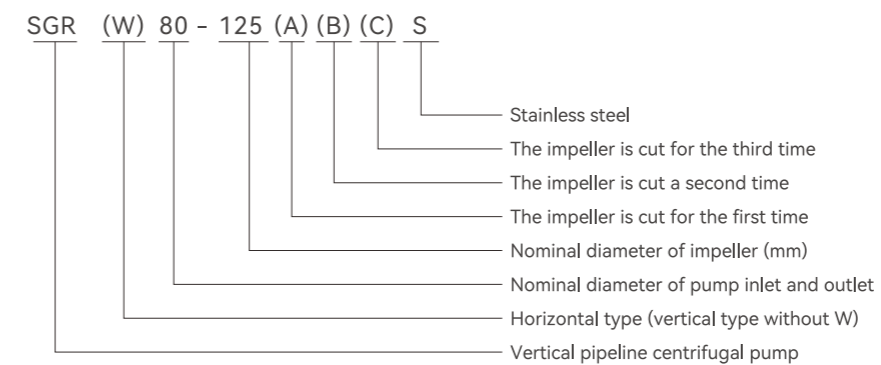
Main uses

The SGR(W)-S series stainless steel vertical and horizontal pipeline centrifugal pumps can be used to transport clear water and other liquids with similar physicochemical properties to clear water. They are suitable for industrial and urban water supply and drainage, water pressurization and delivery in high-rise buildings, landscape irrigation, fire protection pressurization, long-distance transportation, HVAC refrigeration, and other hot and cold water circulation pressurization and equipment support, as well as pumps for boiler hot water pressurization and delivery in energy, metallurgy, chemicals, textiles, papermaking, hotels, restaurants, and other industries, and pumps for urban heating system circulation. The operating medium temperature is $T \leq 103^{\circ}\text{C}$.

Terms of use

1. Applicable medium: The volume content of insoluble solids should not exceed 0.1% of the unit volume, and the particle size should not be greater than 0.2mm. (If the medium contains fine particles, a wear-resistant mechanical seal must be used. Please specify this when ordering.)
2. The ambient temperature should not exceed 40°C , the relative humidity should not exceed 95%, and the altitude should not exceed 1000m.
3. The PH value of the transportation medium for 304 is (4-10) and for 316 is (2-13).

Model Description



SGR



SGRW

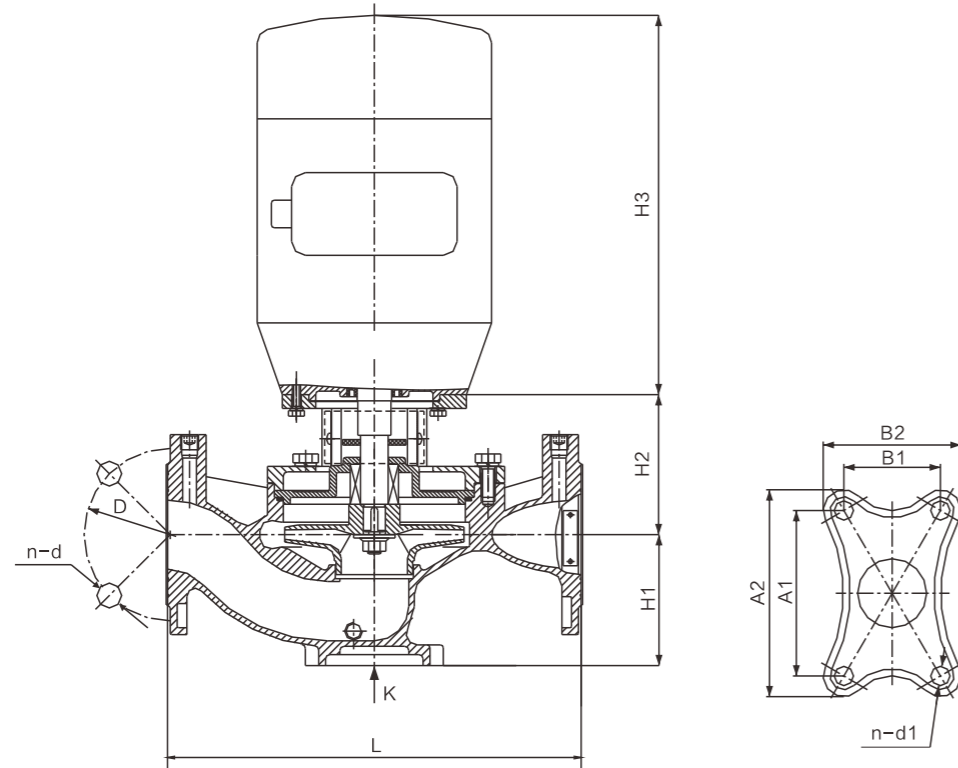


SGR(Explosion-proof)



SGRW(Explosion-proof)

Installation dimensions



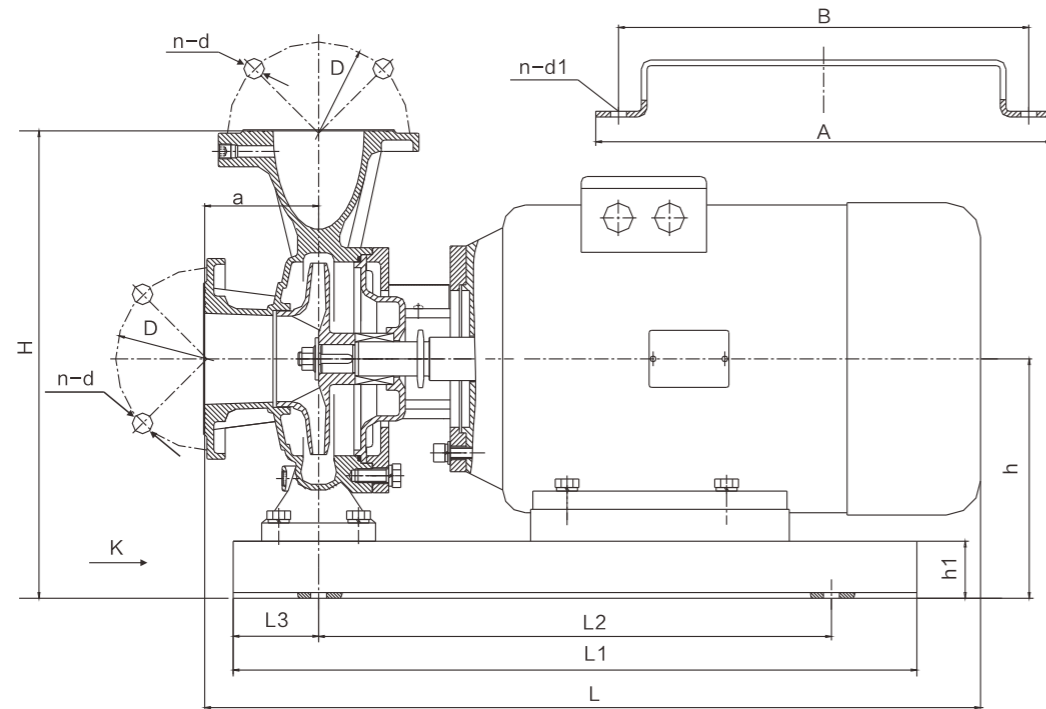
Technical parameters

Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	NPSH is a must (m)	L	H1	H2	H3	D	n-d	A1	A2	B1	B2	n-d1	Weight (kg)	Dimensions (cm)
SGR40-125-S	4.4	21.5	1.1	2900	2.3	300	85	101	228	Φ110	4-Φ18	120	150	70	100	4-Φ18	27	54×34×29
SGR40-125A-S	6.3	20	0.75	2900	2.3	300	85	101	228	Φ110	4-Φ18	120	150	70	100	4-Φ18	27	54×34×29
SGR40-160-S	3.9	18.5	2.2	2900	2.3	320	85	101	25	Φ110	4-Φ18	120	150	70	100	4-Φ18	34	58×35×31
SGR40-160A-S	5.6	16	1.5	2900	2.3	320	85	101	275	Φ110	4-Φ18	120	150	70	100	4-Φ18	31	58×35×31
SGR40-160B-S	7.4	14.5	1.1	2900	2.3	320	85	101	228	Φ110	4-Φ18	120	150	70	100	4-Φ18	29	53×35×31
SGR40-200-S	3.75	34	4	2900	2.3	360	95	120	350	Φ110	4-Φ18	130	170	80	100	4-Φ18	54	68×40×34
SGR40-200A-S	5.1	29	3	2900	2.3	360	95	120	305	Φ110	4-Φ18	130	170	80	100	4-Φ18	46	64×40×34
SGR40-200B-S	7.8	26.5	2.2	2900	2.3	360	95	106	275	Φ110	4-Φ18	130	170	80	100	4-Φ18	37	61×40×34
SGR50-100-S	8.8	13.6	1.1	2900	2.3	290	90	101	228	Φ125	4-Φ18	120	150	70	100	4-Φ18	28	54×34×29
SGR50-100A-S	11.7	11.3	0.75	2900	2.3	290	90	101	228	Φ125	4-Φ18	120	150	70	100	4-Φ18	26	55×33×23
SGR50-125-S	8	11	1.5	2900	2.3	300	95	101	275	Φ125	4-Φ18	120	150	70	100	4-Φ18	32	55×33×23
SGR50-125A-S	11.1	14	1.1	2900	2.3	300	95	101	228	Φ125	4-Φ18	120	150	70	100	4-Φ18	30	55×33×23
SGR50-160-S	8.8	34.7	3	2900	2.0	340	100	120	305	Φ125	4-Φ18	130	170	80	120	4-Φ18	44	61×38×30
SGR50-160A-S	11.7	32	2.2	2900	2.3	340	100	106	275	Φ125	4-Φ18	130	170	80	120	4-Φ18	37	58×38×30
SGR50-160B-S	15.2	26	1.5	2900	2.3	340	100	106	275	Φ125	4-Φ18	130	170	80	120	4-Φ18	35	60×38×31
SGR50-200-S	7.3	51	5.5	2900	2.3	340	100	129	380	Φ125	4-Φ18	130	170	80	120	4-Φ18	73	73×42×34

Technical parameters

Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	NPSH is a must (m)	L	H1	H2	H3	D	n-d	A1	A2	B1	B2	n-d1	Weight (kg)	Dimensions (cm)
SGR50-200A-S	7	45.5	4	2900	2.3	380	100	125	350	Φ125	4-Φ18	130	170	80	120	4-Φ14	57	66×42×34
SGR50-200B-S	14	44	3	2900	2.3	380	100	125	305	Φ125	4-Φ18	130	170	80	120	4-Φ14	48	62×42×34
SGR50-250-S	6.5	42.5	11	2900	2.3	440	105	144	505	Φ125	4-Φ18	160	200	100	140	4-Φ18	165	86×49×50
SGR50-250A-S	10.5	36.5	7.5	2900	2.3	440	105	132	380	Φ125	4-Φ18	160	200	100	140	4-Φ14	92	74×49×36
SGR50-250B-S	12.5	35	7.5	2900	2.3	440	105	132	380	Φ125	4-Φ18	160	200	100	140	4-Φ14	91	74×49×36
SGR50-250C-S	13	33.5	5.5	2900	2.3	440	105	132	380	Φ125	4-Φ18	160	200	100	140	4-Φ14	86	74×49×36
SGR65-125-S	8.8	82	3	2900	2.5	340	100	120	305	Φ145	4-Φ18	160	200	100	140	4-Φ14	43	61×38×27
SGR65-125A-S	11.6	77.5	2.2	2900	2.5	340	100	106	275	Φ145	4-Φ18	160	200	100	140	4-Φ14	37	61×38×27
SGR65-160-S	7.6	61.4	4	2900	2.5	380	100	125	350	Φ145	4-Φ18	160	200	100	140	4-Φ14	56	66×42×30
SGR65-160A-S	10.8	60	4	2900	2.5	380	100	125	350	Φ145	4-Φ18	160	200	100	140	4-Φ14	55	66×42×30
SGR65-160B-S	14	58	3	2900	2.5	380	100	125	305	Φ145	4-Φ18	160	200	100	140	4-Φ14	48	66×42×30
SGR65-200-S	15.2	68	7.5	2900	2.5	400	105	129	380	Φ145	4-Φ18	160	200	100	140	4-Φ14	81	74×44×34
SGR65-200A-S	17.5	71.5	7.5	2900	2.5	400	105	129	380	Φ145	4-Φ18	160	200	100	140	4-Φ14	79	74×44×34
SGR65-200B-S	21.6	70	5.5	2900	2.5	400	105	129	380	Φ145	4-Φ18	160	200	100	140	4-Φ14	75	74×44×34
SGR65-250-S	25	82	15	2900	2.5	480	120	144	490	Φ145	4-Φ18	180	220	120	160	4-Φ18	170	87×53×49
SGR65-250A-S	32.5	76.5	11	2900	2.5	480	120	144	505	Φ145	4-Φ18	180	220	120	160	4-Φ18	156	87×53×49
SGR65-250B-S	37.5	71.5	11	2900	2.5	480	120	144	505	Φ145	4-Φ18	180	220	120	160	4-Φ18	157	87×53×49
SGR80-100-S	16.4	46.4	3	2900	3.0	400	130	120	305	Φ160	4-Φ18	160	200	100	140	4-Φ18	45	66×44×27
SGR80-100A-S	23.4	44	2.2	2900	3.0	400	130	106	275	Φ160	4-Φ18	160	200	100	140	4-Φ18	36	59×44×22
SGR80-125-S	30.4	40	5.5	2900	3.0	400	120	129	380	Φ160	4-Φ18	160	200	100	140	4-Φ14	72	75×44×34
SGR80-125A-S	21.6	34.5	4	2900	3.0	400	120	125	350	Φ160	4-Φ18	160	200	100	140	4-Φ14	55	68×44×34
SGR80-160-S	28	32	7.5	2900	3.0	400	125	129	380	Φ160	4-Φ18	160	200	100	140	4-Φ14	83	75×44×34
SGR80-160A-S	37.5	30.6	7.5	2900	3.0	400	125	129	380	Φ160	4-Φ18	160	200	100	140	4-Φ14	82	75×44×34
SGR80-160B-S	44.7	28	4	2900	3.0	400	125	129	380	Φ160	4-Φ18	160	200	100	140	4-Φ14	75	75×44×34
SGR80-200-S	30.3	26	15	2900	3.0	430	130	144	490	Φ160	4-Φ18	160	200	100	140	4-Φ18	160	87×48×49
SGR80-200A-S	43.5	24	11	2900	3.0	430	130	132	380	Φ160	4-Φ18	160	200	100	140	4-Φ14	89	76×48×36
SGR80-200B-S	56.3	21	11	2900	3.0	430	130	144	505	Φ160	4-Φ18	160	200	100	140	4-Φ18	147	87×48×49
SGR100-125-S	35	53.5	11	2900	4.5	440	140	149	505	Φ180	4-Φ18	180	220	120	160	4-Φ18	146	90×49×49
SGR100-125A-S	50	50	7.5	2900	4.5	440	140	137	380	Φ180	4-Φ18	180	220	120	160	4-Φ14	95	78×49×36
SGR100-125B-S	65	47	5.5	2900	4.5	440	140	137	380	Φ180	4-Φ18	180	220	120	160	4-Φ14	98	78×49×36
SGR100-160-S	70	36.5	15	2900	4.5	500	150	146	490	Φ180	4-Φ18	180	220	120	160	4-Φ18	165	94×55×50
SGR100-160A-S	100	32	11	2900	4.5	500	150	146	505	Φ180	4-Φ18	180	220	120	160	4-Φ18	156	94×55×50
SGR100-160B-S	121.6	27	11	2900	4.5	500	150	146	505	Φ180	4-Φ18	180	220	120	160	4-Φ18	158	94×55×50
SGR100-160C-S	152	24	7.5	2900	4.5	500	150	134	380	Φ180	4-Φ18	180	220	120	160	4-Φ14	108	80×55×50

Installation dimensions



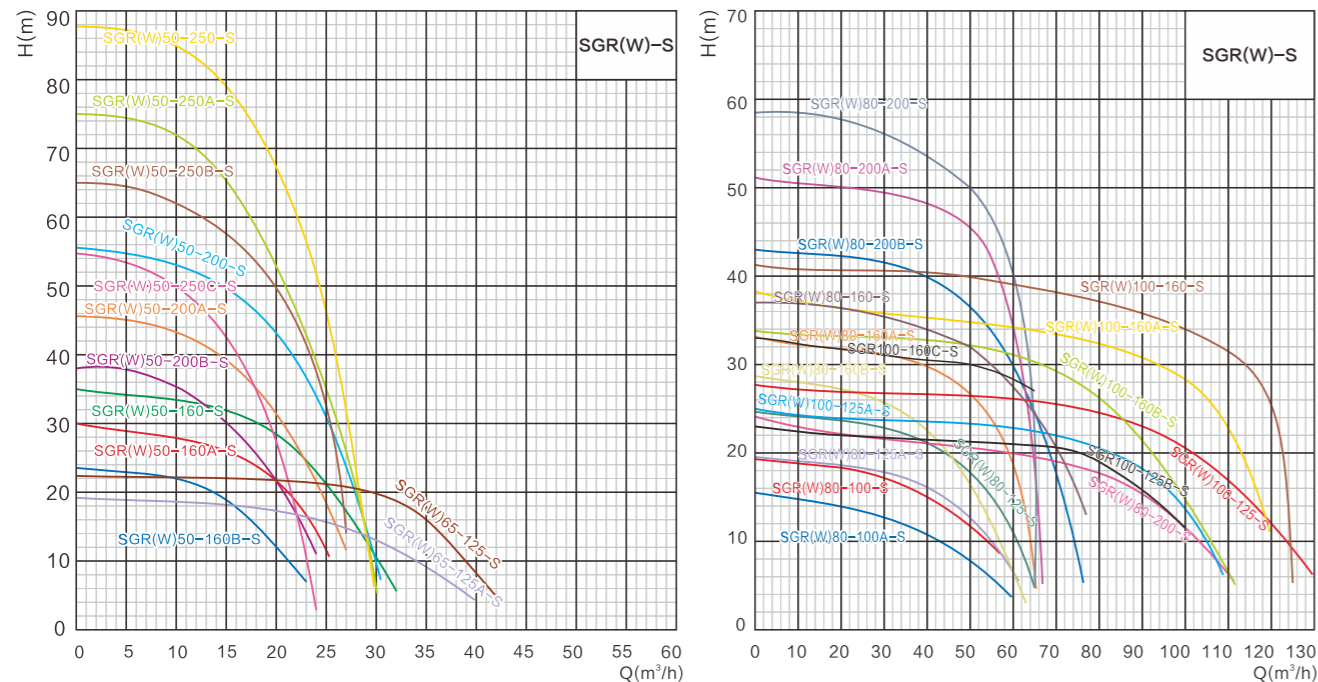
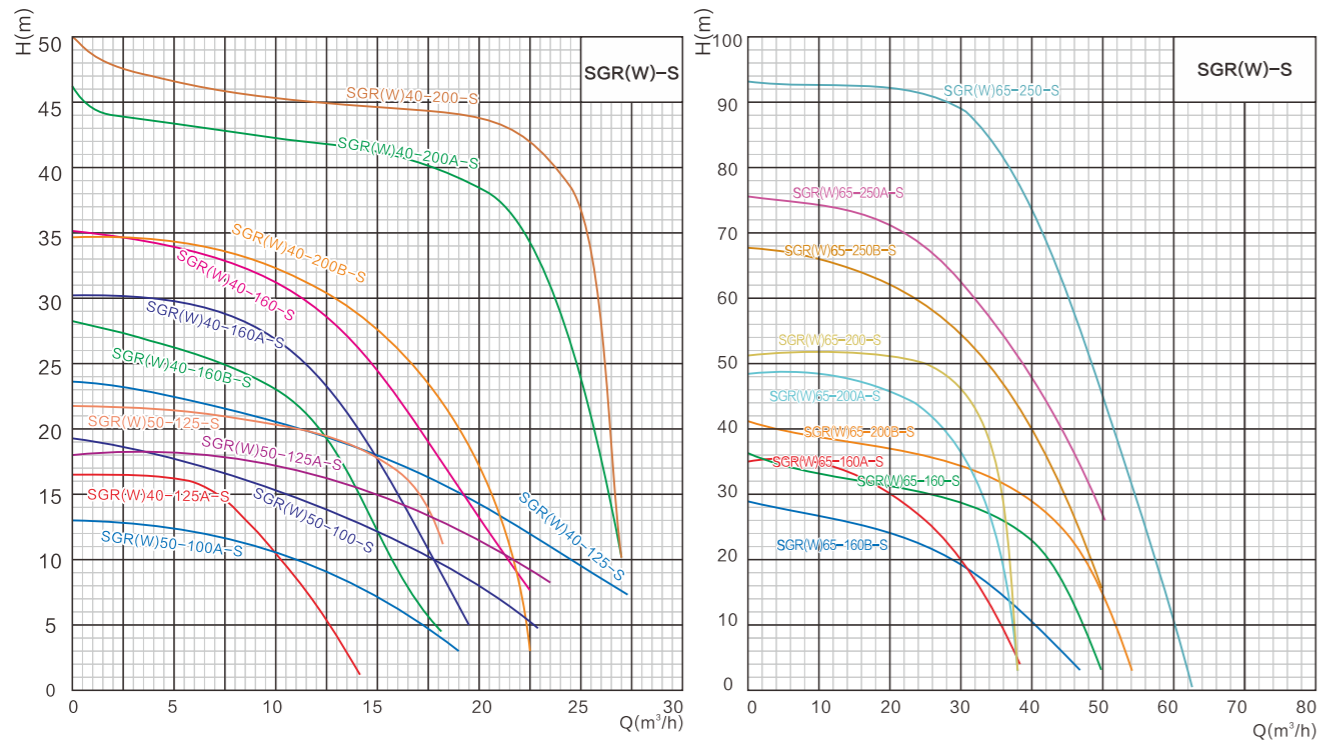
Technical parameters

Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	NPSH is a must (m)	L	L1	L2	L3	A	B	H	h	h1	D	a	n-Φd	n-Φd1	Weight (kg)	Dimensions (cm)
SGRW40-125-S	4.4	21.5	1.1	2900	2.3	416	400	260	70	310	276	312	172	40	Φ110	80	4-Φ18	4-Φ14	36	46×36×42
SGRW40-125A-S	6.3	20	0.75	2900	2.3	416	400	260	70	310	276	312	172	40	Φ110	80	4-Φ18	4-Φ14	33	46×36×42
SGRW40-160-S	3.75	34	2.2	2900	2.3	461	430	290	70	330	296	332	172	40	Φ110	80	4-Φ18	4-Φ14	43	52×38×42
SGRW40-160A-S	5.9	28	1.5	2900	2.3	461	430	290	70	330	296	332	172	40	Φ110	80	4-Φ18	4-Φ14	41	52×38×42
SGRW40-160B-S	5.5	24	1.1	2900	2.3	416	400	260	70	310	276	332	172	40	Φ110	80	4-Φ18	4-Φ14	36	46×36×42
SGRW40-200-S	4.4	51	4	2900	2.3	512	500	360	70	350	316	390	210	50	Φ110	80	4-Φ18	4-Φ14	61	60×40×48
SGRW40-200A-S	5.9	44	3	2900	2.3	512	500	360	70	350	316	390	210	50	Φ110	80	4-Φ18	4-Φ14	57	60×40×48
SGRW40-200B-S	3.7	42	2.2	2900	2.3	466	430	290	70	330	296	380	200	40	Φ110	80	4-Φ18	4-Φ14	47	60×38×48
SGRW50-100-S	8.8	13.6	1.1	2900	2.3	416	400	260	70	310	276	317	172	40	Φ125	80	4-Φ18	4-Φ14	36	46×36×42
SGRW50-100A-S	11.7	11.3	0.75	2900	2.3	416	400	260	70	310	276	317	172	40	Φ125	80	4-Φ18	4-Φ14	34	46×36×42
SGRW50-125-S	8.8	20.3	1.5	2900	2.3	461	430	290	70	330	296	322	172	40	Φ125	80	4-Φ18	4-Φ14	39	52×38×42
SGRW50-125A-S	11.7	18.2	1.1	2900	2.3	416	400	260	70	310	276	322	172	40	Φ125	80	4-Φ18	4-Φ14	36	46×36×42
SGRW50-160-S	8.8	34.7	3	2900	2.0	512	500	360	70	350	316	370	210	50	Φ125	80	4-Φ18	4-Φ14	57	60×40×46
SGRW50-160A-S	11.7	30	2.2	2900	2.3	466	430	290	70	330	296	360	200	40	Φ125	80	4-Φ18	4-Φ14	45	52×38×48
SGRW50-160B-S	7.3	23	1.5	2900	2.3	466	430	290	70	330	296	360	200	40	Φ125	80	4-Φ18	4-Φ14	42	52×38×48
SGRW50-200-S	12.5	50	5.5	2900	2.3	616	600	450	75	400	360	390	210	50	Φ125	80	4-Φ18	4-Φ14	88	72×45×48

Technical parameters

Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	NPSH is a must (m)	L	L1	L2	L3	A	B	H	h	h1	D	a	n-Φd	n-Φd1	Weight (kg)	Dimensions (cm)
SGRW50-200A-S	7	45.5	4	2900	2.3	517	500	360	70	350	316	390	210	50	Φ125	80	4-Φ18	4-Φ14	64	60×40×48
SGRW50-200B-S	10.5	35	3	2900	2.3	517	500	360	70	350	316	390	210	50	Φ125	80	4-Φ18	4-Φ14	57	60×40×48
SGRW50-250-S	8.8	82	11	2900	2.3	760	700	540	80	460	420	460	240	60	Φ125	100	4-Φ18	4-Φ14	159	87×51×55
SGRW50-250A-S	11.6	70	7.5	2900	2.3	640	600	450	75	400	360	450	230	50	Φ125	100	4-Φ18	4-Φ14	111	74×45×55
SGRW50-250B-S	10.8	60	7.5	2900	2.3	640	600	450	75	400	360	450	230	50	Φ125	100	4-Φ18	4-Φ14	110	74×45×55
SGRW50-250C-S	10	52	5.5	2900	2.3	640	600	450	75	400	360	450	230	50	Φ125	100	4-Φ18	4-Φ14	102	74×45×55
SGRW65-125-S	17.5	21.5	3	2900	2.5	512	500	360	70	350	316	370	210	50	Φ145	80	4-Φ18	4-Φ14	55	60×40×46
SGRW65-125A-S	15.6	17	2.2	2900	2.5	466	430	290	70	330	296	360	200	40	Φ145	80	4-Φ18	4-Φ14	44	52×38×48
SGRW65-160-S	25	32	4	2900	2.5	517	500	360	70	350	316	390	210	50	Φ145	80	4-Φ18	4-Φ14	63	60×40×48
SGRW65-160A-S	16.4	30	4	2900	2.5	517	500	360	70	350	316	390	210	50	Φ145	80	4-Φ18	4-Φ14	63	60×40×48
SGRW65-160B-S	21.6	24	3	2900	2.5	517	500	360	70	350	316	390	210	50	Φ145	80	4-Φ18	4-Φ14	59	60×40×48
SGRW65-200-S	17.5	52.7	7.5	2900	2.5	636	600	450	75	400	360	410	210	50	Φ145	100	4-Φ18	4-Φ14	97	74×45×50
SGRW65-200A-S	16.4	46.4	7.5	2900	2.5	636	600	450	75	400	360	410	210	50	Φ145	100	4-Φ18	4-Φ14	96	74×45×50
SGRW65-200B-S	21.8	38	5.5	2900	2.5	636	600	450	75	400	360	410	210	50	Φ145	100	4-Φ18	4-Φ14	90	74×45×50
SGRW65-250-S	25	80	15	2900	2.5	760	700	540	80	460	420	480	240	60	Φ145	100	4-Φ18	4-Φ14	160	88×52×59
SGRW65-250A-S	23.4	70	11	2900	2.5	760	700	540	80	460	420	480	240	60	Φ145	100	4-Φ18	4-Φ14	149	88×52×59
SGRW65-250B-S	15	61	11	2900	2.5	760	700	540	80	460	420	480	240	60	Φ145	100	4-Φ18	4-Φ14	150	88×52×59
SGRW80-100-S	31.3	11	3	2900	3.0	532	500	360	70	350	316	410	210	50	Φ160	100	4-Φ18	4-Φ14	60	62×40×50
SGRW80-100A-S	44.7	10	2.2	2900	3.0	486	430	290	70	330	296	400	200	40	Φ160	100	4-Φ18	4-Φ14	46	54×38×50
SGRW80-125-S	35	22	5.5	2900	3.0	636	600	450	75	400	360	410	210	50	Φ160	100	4-Φ18	4-Φ14	86	74×45×50
SGRW80-125A-S	45	16	4	2900	3.0	537	500	360	70	350	316	410	210	50	Φ160	100	4-Φ18	4-Φ14	63	62×40×50
SGRW80-160-S	50	32	7.5	2900	3.0	636	600	450	75	400	360	410	210	50	Φ160	100	4-Φ18	4-Φ14	95	74×45×50
SGRW80-160A-S	32.7	30.6	7.5	2900	3.0	636	600	450	75	400	360	410	210	50	Φ160	100	4-Φ18	4-Φ14	93	74×45×50
SGRW80-160B-S	30.3	26	4	2900	3.0	636	600	450	75	400	360	410	210	50	Φ160	100	4-Φ18	4-Φ14	87	74×45×50
SGRW80-200-S	35	53.5	15	2900	3.0	760	700	540	80	460	420	455	240	60	Φ160	100	4-Φ18	4-Φ14	167	87×51×54
SGRW80-200A-S	47	44	11	2900	3.0	760	700	540	80	460	420	455	240	60	Φ160	100	4-Φ18	4-Φ14	155	87×51×54
SGRW80-200B-S	30.5	40.6	7.5	2900	3.0	640	600	450	75	400	360	445	230	50	Φ160	100	4-Φ18	4-Φ14	105	74×45×54
SGRW100-125-S	100	20	11	2900	4.5	764	700	540	80	460	420	460	240	60	Φ180	100	4-Φ18	4-Φ14	151	87×51×55
SGRW100-125A-S	89	16	7.5	2900	4.5	644	600	450	75	400	360	450	230	50	Φ180	100	4-Φ18	4-Φ14	101	74×44×54
SGRW100-125B-S	50	20	5.5	2900	4.5	644	600	450	75	400	360	450	230	50	Φ180	100	4-Φ18	4-Φ14	100	74×44×54
SGRW100-160-S	100	32	15	2900	4.5	760	700	540	80	460	420	490	240	60	Φ180	100	4-Φ18	4-Φ14	165	87×51×58
SGRW100-160A-S	93.5	28	11	2900	4.5	760	700	540	80	460	420	490	240	60	Φ180	100	4-Φ18	4-Φ14	153	87×51×58
SGRW100-160B-S	86.6	24	11	2900	4.5	760	700	540	80	460	420	490	240	60	Φ180	100	4-Φ18	4-Φ14	152	87×51×58
SGRW100-160C-S	35	31	7.5	2900	4.5	758	600	450	75	400	360	450	230	50	Φ180	100	4-Φ18	4-Φ14	110	74×44×54

Performance graph



ZW-S ZW-S Stainless Steel All-Precision
Casting Self-Priming Sewage Pump

Product features

1. The ZW-S self-priming sewage pump adopts stainless steel precision casting process to ensure the surface roughness of components to the greatest extent, reduce hydraulic losses in the flow channel, and improve the efficiency of the electric pump.
2. It adopts an optimized hydraulic model to improve hydraulic efficiency, thereby achieving the goal of energy conservation and emission reduction.
3. It uses a double-channel impeller, providing stronger solid suspension handling capabilities and better sewage disposal effects.
4. The area of the pump body's return hole has been improved, resulting in a shorter self-priming time for the pump at the same installation height.
5. A check valve structure is designed at the water inlet joint, eliminating the need to install a foot valve under the liquid during pump operation, simplifying the installation process and facilitating pump maintenance and replacement.
6. PTFE mechanical seals and explosion-proof features can be customized according to different needs.

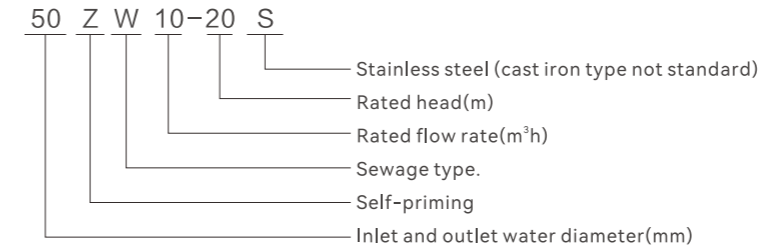
Main uses

The pump can be used to transport sewage, feces, or liquids containing solids such as fibers, paper scraps, fruits, fish, etc. It is suitable for use in various industries such as chemicals, petroleum, pharmaceuticals, mining, paper making, fibers, pulp, textiles, food, power plants, as well as municipal sewage projects, public facility sewage disposal, and pond aquaculture.

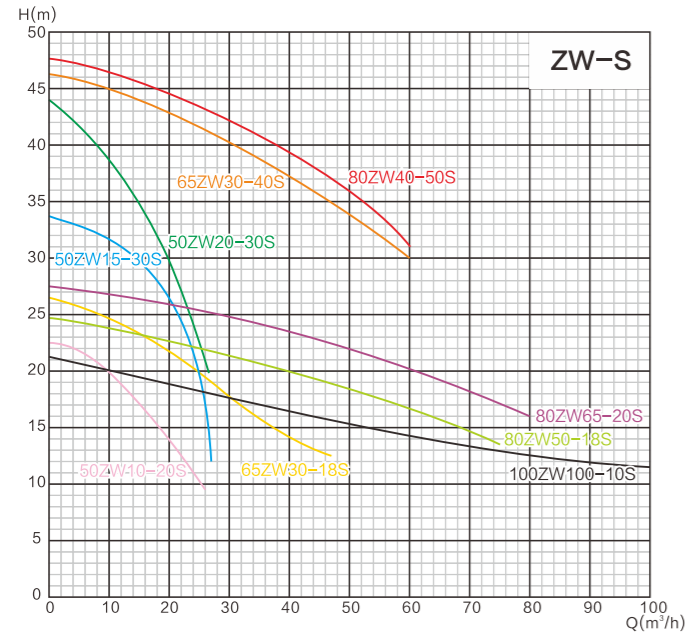
Terms of use

1. Applicable medium: The volume content of insoluble solids should not exceed 0.1% of the unit volume, and the particle size should not be greater than 0.2mm. (If the medium contains fine particles, a wear-resistant mechanical seal must be used. Please specify this when ordering.)
2. The ambient temperature should not exceed 40°C, the relative humidity should not exceed 95%, and the altitude should not exceed 1000m.
3. The PH value of the transportation medium for 304 is (4-10) and for 316 is (2-13).

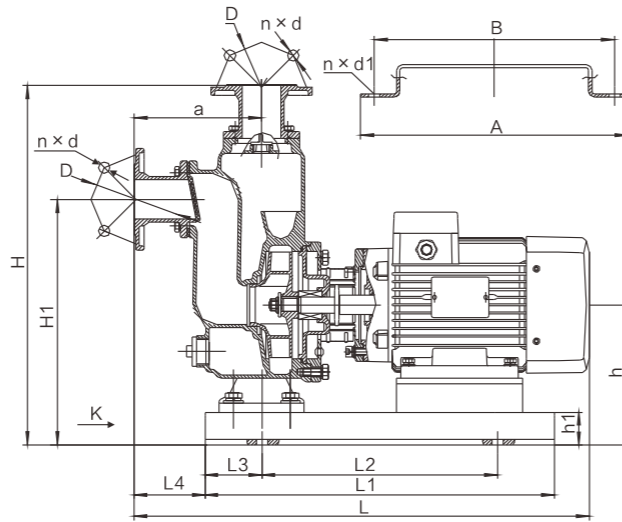
MODEL DESCRIPTION



Performance graph



Installation dimensions

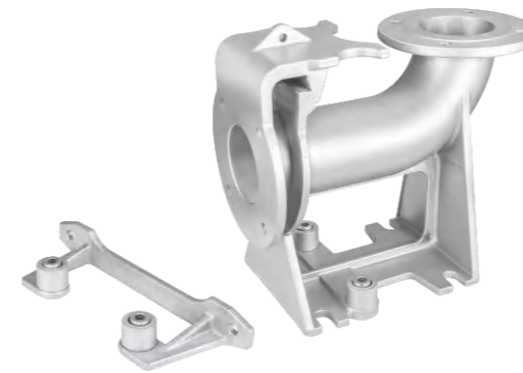
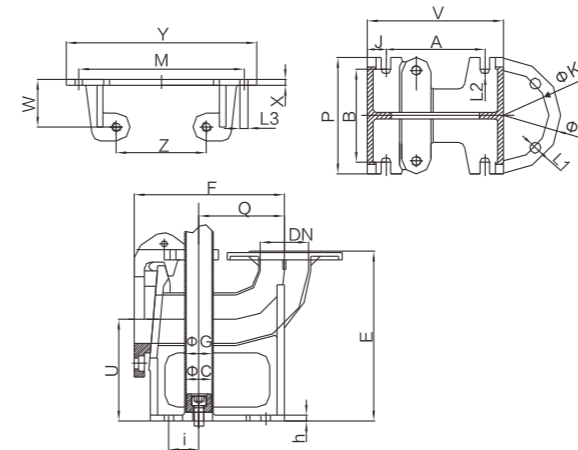


Technical parameters

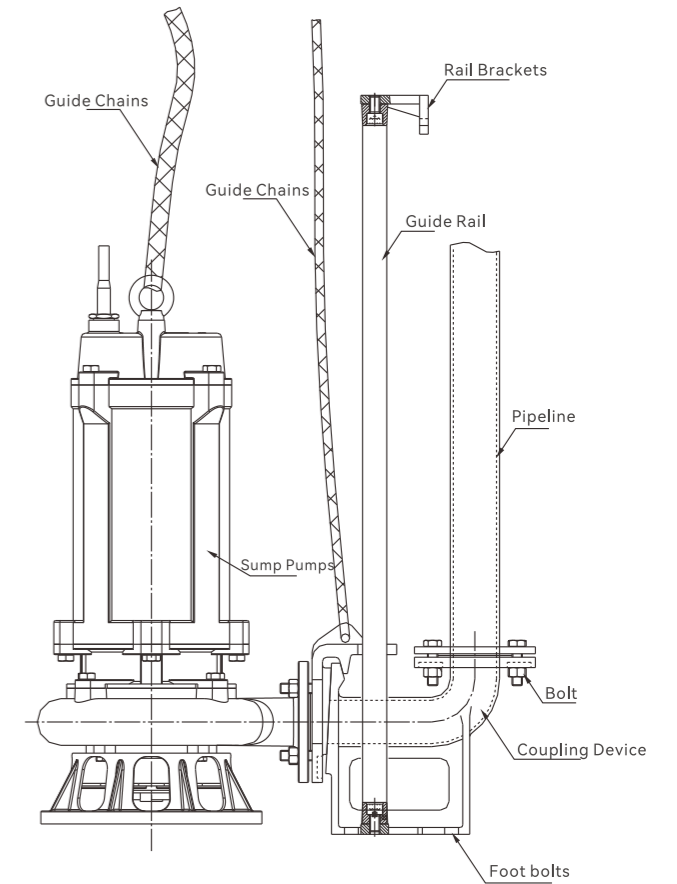
Model	Flow (m³/h)	Head (m)	Power (kW)	Voltage (V)	calibre (mm)	A	B	n×d1	D	n×d	a	H	H1	h	h1	L	L1	L2	L3	L4	Weight (kg)	Dimensions (cm)
50ZW10-20S	10	20	2.2	380	50	330	296	4×Φ14	Φ110	4×Φ14	157	442	302	172	40	560	430	290	70	87	49	59×35×54
50ZW15-30S	15	30	3	380	50	350	316	4×Φ14	Φ110	4×Φ14	162	505	365	210	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

COUPLING DEVICES

INSTALLATION DIMENSIONS



Stainless steel type



Schematic diagram of the sewage pump and coupling installation

Technical parameters

Model	Flange outer diameter	Center circle diameter	Bolt bore diameter	Fixed coupling bolt distance	Base length	Base width	Front support to the hole	Base holes	Catheter size		Coupling height	Centre length	Centre height	Catheter to outlet	Catheter to the hole	Base thickness	Hole spacing	Rail center distance	Hole	Mounting the column to the mounting surface	The support frame thickness	Overall length	Weight (kg)	
	D	K	L1	A	B	V	P	J	L2	ΦC	ΦG	E	F	U	Q	i	h	M	Z	L3	W	X	Y	
OH-50	140	110	4-Φ14	116	115	160	132	21	R8	Φ32	Φ37	207	188	130	116	29	8	220	102	2-Φ12	62	10	265	11
OH-65	160	130	4-Φ14	135	135	185	162	25	R8	Φ32	Φ37	245	211	150	122	40	9	238	130	2-Φ13.5	62	10	278	16.5
OH-80	190	150	4-Φ18	160	155	223	192	31	R8	Φ42	Φ47	282	250	170	142	50	10	274	150	2-Φ13	78.5	10	316	23
OH-100	210	170	4-Φ18	196	162	262	208	33	R10	Φ42	Φ47	335	305	200	186	56	10	305	170	2-Φ13.5	92	10	355	28
OH-150	270	225	8-Φ18	255	221	345	262	45	R10	Φ42	Φ47	415	376	260	205	95	20	110	202	2-Φ18	75	15	305	60
OH-200	320	280	8-Φ18	285	275	397	362	56	R10	Φ42	Φ47	515	456	310	260	81	20	200	280	2-Φ18	84	15	400	93

Reference table of corrosion resistance of stainless steel materials (for reference only)

NO.	Medium	Conditions of Use	304	316	316L
1	Hydrochloric Acid	<1%, below 20°C	x	x	B
2	Sulfuric Acid	5%~20%, below 40°C	x	B	A
3		> 20%~50%, below 40°C	x	x	x
4		Concentrate, below 20°C	B	A	A
5		Concentrate, above 20°C	x	x	x
6		≤65%, below 20°C	A	A	A
7	Nitric Acid	Concentrate, below 20°C	A	A	A
8		≤ 65%, above 20°C	B	B	B
9		Concentrate, above 20°C	A	A	A
10	Phosphoric Acid	Fuming, concentrated, below 43°C	A	A	A
11		Fuming, concentrated above 43°C	A	A	A
12		1% ~ 4%, 20°C ~ boiling	A	A	A
13	Phosphoric Acid	5%~9%, Stationary or stirred or aerated	A	A	A
14		10%~79%, stationary	A	A	A
15		10%~79%, stirred or aerated	A	B	B
16		10% ~ 79%, 50°C ~ boiling	B	A	A
17		≥ 80%, 20°C ~ boiling	x	B	A
18	Acetic Acid	5~49%, stirred or aerated	A	A	A
19		50~100%, below 20°C	A	A	A
20	Carbonic Acid	50~100%, above 20°C	x	x	B
21		Below saturation	A	A	A
22	Oxalic Acid	10~50%, below 20°C	A	A	A
23		10~50%, above 20°C	x	x	x
24		<5%, below 20°C	A	A	A
25	Lactic Acid	5%~10%, below 20°C	B	A	A
26		<5%, above 20°C	A	A	A
27		5%~10%, above 20°C	B	A	A
28	Calcium Sulphate	> 10%, above 20°C	x	B	B
29		Below saturation	A	A	A
30	Barium Sulfate		A	A	A
31	Ammonium Sulphate	≤5%, stirred or aerated	A	A	A
32		5% ~ saturated	B	A	A
33	Magnesium Sulfate	Below saturation	A	A	A
34	Nickel Sulfate		A	A	A
35	Potassium Sulfate		A	A	A
36	Sodium Sulfate		A	A	A
37	Aluminum Sulfate	5% ~ saturated, below 20°C	A	A	A
38		10% ~ saturated, boiling	B	A	A
39	Copper(II) Sulfate	≤5%, Stationary or stirred or aerated	A	A	A
40		Saturate	A	A	A
41	Iron Sulfate	Dilute solution	A	A	A
42	Iron(III) Sulfate	≤5%, stirred or aerated	A	A	A
43	Potassium Aluminum Sulfate	≤10%	A	A	A
44		≤10%, Below 20°C	A	A	A
45		> 10%, Above 20°C	B	A	A
46	Sodium Bisulfate	Saturated	x	B	A
47		Unsaturated	A	A	A
48	Sodium Sulphite	Saturated	x	x	x
49		< 10%	A	A	A
50	Potassium Sulfite		A	A	A
51	Ammonium Oxalate	< 5%	A	A	A
52	Ammonium Carbonate	< 5%	A	A	A
53	Barium Carbonate		A	A	A
54	Potassium Carbonate	≤1%, Below 20°C	A	A	A
55		≤1%, Above 20°C	A	A	A
56	Hydrogen Sulfide	Dry	A	A	A
57		Wet	B	A	A
58	Sodium Sulfide	Saturated	B	A	A
59	Barium Sulfide	Saturated benzene(crude benzene)	A	A	A
60	Aluminum Hydride		A	A	A
61	Hydrogen Sulfide	Dry	x	x	x
62	Barium Hydride		A	A	A
63	Magnesium Hydride	≤5% Stationary, Below 20°C	A	A	A
64		≤5% Stationary, Above 20°C	x	x	B
65	Calcium Hydride	Diluted Or Concentrated	B	A	A
66	Nickel Hydride		A	A	A
67	Zinc Hydride	Below 50%, Stationary	x	B	B
68		Above 20°C	x	B	B
69	Ammonium Hydride	≤10%	A	A	A
70		More Than 10%	B	B	A

Note 1: "A" indicates suitability, "B" indicates applicability, "x" indicates not suitable.
 Note 2: This table is for reference only and should not be used as the basis for product selection and standards. Please consult relevant industry experts before selecting products. Our company is not responsible for any loss caused by this.

Reference table of corrosion resistance of stainless steel materials (for reference only)

NO.	Medium	Conditions of Use	304	316	316L
71	Potassium Hydride		A	A	A
72			A	A	A
73	Tin Hydride IV		x	x	x
74	Tin Hydride II	<5% Stationary or stirred or aerated	x	A	A
75	Iron Hydride II	<5%, boiling	x	A	A
76	Iron(III) Hydride	1.5g/L solution	B	B	A
77		saturated	x	x	x
78		saturated	x	x	x
79	Sodium Hydride	≤1%, below 20°C	A	A	A
80		≤1%, above 20°C	B	A	A
81	Drinking Water	> 1%	B	B	A
82		≤5%, below boiling, aerated	A	A	A
83	Seawater	5~20%, below 20°C, aerated	x	B	A
84	Wort	Saturated, stationary, below 20°C	A	A	A
85	Malt Mash		A	A	A
86	Citric Acid	≤15%, stationary, below 20°C	A	A	A
87		> 15%, above 20°C	B	A	A
88	Picric Acid		A	A	A
89	Stearic Acid		A	A	A
90	Tartaric Acid	≤10%, below 20°C	A	A	A
91		10~50%, above 20°C	B	A	A
92	Tannic Acid	20 ~ 66°C	A	A	A
93	Boric Acid		A	A	A
94	Sillicic Acid	(hydrofluorosilicic Acid)	x	x	x
95	Formic Acid	<5%, stationary, 20~66°C	B	A	A
96	Butyric Acid	≤5%	A	A	A
97		0.964g/L aqueous solution	A	A	A
98	Benzoic Acid		A	A	A
99	Chloroacetic Acid	Any concentration	x	x	x
100	Soda Ash	≤5%	A	A	A
101	Sulfurous Acid	Saturated, 4~8 bar	x	B	B
102		10 bar	x	x	B
103	Hydrocyanic Acid		A	A	A
104	Hydrofluoric Acid		x	x	x
105	Malic Acid		A	A	A
106	Sodium Carbonate	< 50%, below 66°C	A	A	A
107		<50%, boiling	B	A	A
108	Calcium Carbonate	<50% molten state	x	x	x
109		Saturated	A	A	A
110	Soda Ash	Saturated	A	A	A
111	Sodium Bicarbonate	Various concentrations, below 20°C	A	A	A
112		< 50%, 66°C, Saturated	A	A	A
113	Ammonium Bicarbonate		A	A	A
114	Copper(II) Nitrate	1~5% still or stirred or aerated	A	A	A
115		5~50%, aqueous solution	A	A	A
116	Potassium Nitrate	Hot water solution	A	A	A
117		Various concentrations or melt states	A	A	A
118	Sodium Nitrate		A	A	A
119	Silver Nitrate		A	A	A
120	Zinc Nitrate		A	A	A
121	Magnesium(III) Nitrate	≤5%, Stationary or stirred or aerated	A	A	A
122		boiling	A	A	A
123	Potassium Chlorate	Saturated, 100°C	A	A	A
124	Potassium Permanganate	≤5%	A	A	A
125	Calcium Chlorate	Dilute solution	A	A	A
126	Sodium Hypochlorite	≤5%, stationary	B	A	A
127	Sodium Perchlorate	≤10%, boiling	A	A	A
128	Ammonium Perchlorate		A	A	A
129	Potassium Hypochlorite		B	B	B
130	Potassium Hydrogen Oxalate	≤25%	A	A	A
131	Potassium Diammonium Phosphate	≤5%	A	A	A
132	Sodium Fluoride		B	A	A
133	Potassium bromide		B	A	A
134	Ammonium Bromide		B	A	A
135	Potassium Cyanide		A	A	A
136	Sodium Cyanide		A	A	A
137	Zinc Cyanide		A	A	A
138	Copper(II) Cyanide	Wet	A	A	A
139	Calcium Cyanide	Saturate	A	A	A
140	Barium cyanide	≤20%	A	A	A

Note 1: "A" indicates suitability, "B" indicates applicability, "x" indicates not suitable.
 Note 2: This table is for reference only and should not be used as the basis for product selection and standards. Please consult relevant industry experts before selecting products. Our company is not responsible for any loss caused by this.

Reference table of corrosion resistance of stainless steel materials (for reference only)

NO.	Medium	Conditions of Use	304	316	316L
141	Barium Hydroxide		A	A	A
142	Zinc Hydroxide (III)	≤27%	A	A	A
143		28~50%, above 20°C	B	B	A
144	Magnesium Hydroxide		B	A	A
145	Ammonium Hydroxide	≤5%	A	A	A
146	Aluminum Hydroxide	Saturate	A	A	A
147	Strontium Hydroxide		A	A	A
148	Trisulfur	Dry	A	A	A
149		Wet	A	A	A
150	Disulfur		A	A	A
151	Carbon Disulfide		B	B	A
152	Hydrogen Peroxide		A	A	A
153	Anhydrous Ammonia	Various concentrations	B	B	A
154	Hot Water Body		A	A	A
155	Crude Ammonia Water		×	×	×
156	Varnish		A	A	A
157	Resin		A	A	A
158	Methanol	Boiling below	A	A	A
159	Ethanol		×	B	B
160	Butane	50°C~20°C	A	A	A
161	Propane	50°C~20°C	A	A	A
162	Formaldehyde	≤ 40% solution	A	A	A
163	Aniline	≤3%	A	A	A
164	Concentrate Crude Aniline		A	A	A
165	Acetone	Boiling below	A	A	A
166	Phenol		A	A	A
167	Ink		B	A	A
168	Developer		A	A	A
169	Iodoform		A	A	A
170	Chloroform		A	A	A

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Reference table of corrosion resistance of stainless steel materials (for reference only)

Medium	Nitrile rubber	Neoprene	Fluorine rubber	Polytetrafluoroethylene
Fuming Nitric Acid	×	×	B	A
Concentrated Nitric Acid	×	×	B	A
Concentrated Sulfuric Acid	×	×	A	A
Concentrated Hydrochloric Acid	×	B	B	A
Concentrated Phosphoric Acid	×	B	B	A
Concentrated Acetic Acid	×	×	×	A
Concentrated sodium hydroxide	A	A	B	A
Anhydrous Ammonia	B	B	B	A
Dilute Nitric Acid	×	×	A	A
Dilute Sulfuric Acid	B	B	B	A
Dilute Hydrochloric Acid	×	A	B	A
Dilute Acetic Acid	×	×	B	A
Dilute Sodium Gluconate	A	A	B	A
Ammonia Solution	B	B	×	A
Benzene	×	×	A	A
Gasoline	A	A	A	A
Petroleum	B	B	A	A
Carbon Tetrachloride	A	×	A	A
Carbon Disulfide	A	×	—	A
Ethanol	A	A	A	A
Propanol	×	B	×	A
cresol	×	B	B	A
Acetaldehyde	B	×	—	A
Ethylbenzene	×	×	—	A
Acrylonitrile	×	B	×	A
Butadiene	B	—	—	A
Styrene	×	×	—	A
Ethyl Acetate	×	×	×	A
Ether (at room temperature)	×	×	×	A

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