LSW

Sewage Submersible Pump



Two-channel impeller



Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- AISI 304 shaft
- Max. liquid temperature: 40°C
- Max. immerse depth: 5m

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8

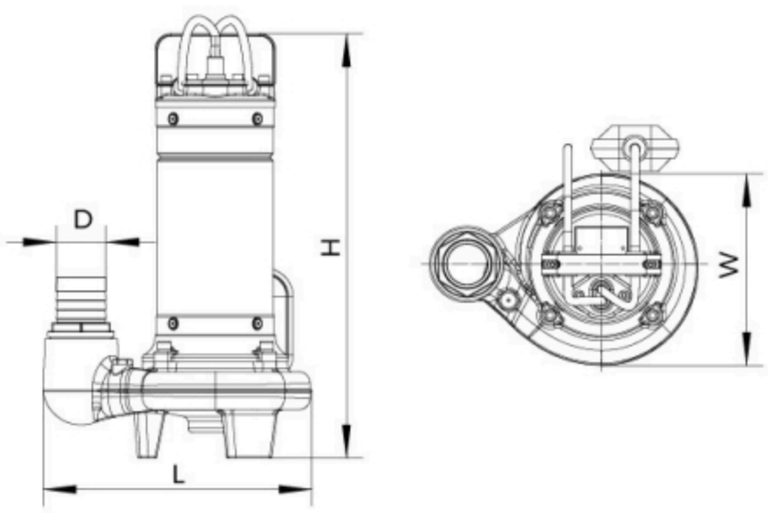
Identification Codes

LSW m 75 A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

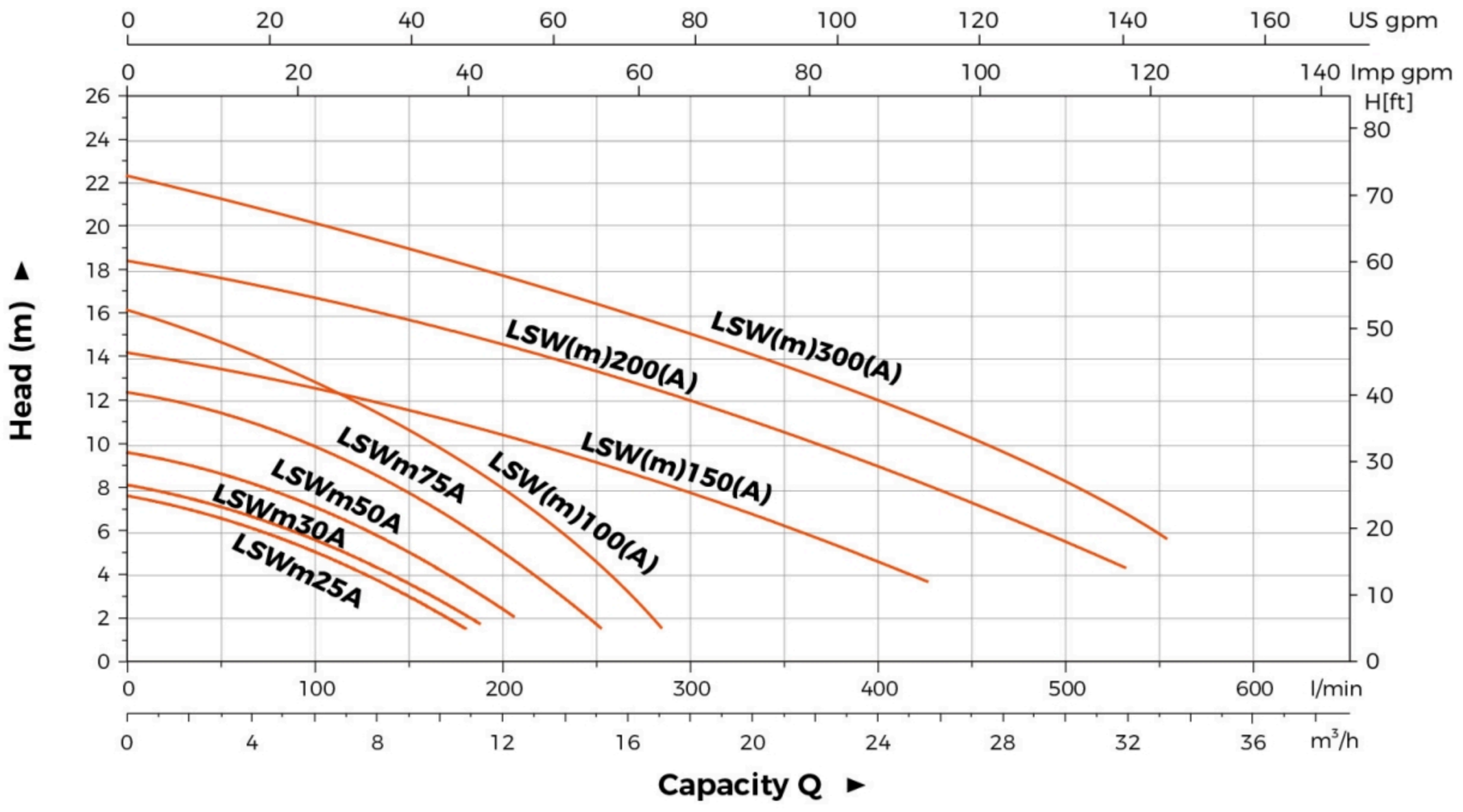
Model	Power		Voltage/Frequency	Rated Flow	Rated Head	Max. Flow	Max. Head	Max.dia. of particle
	kW	HP	V/Hz	m^3/h	m	m^3/h	m	mm
LSWm25A	0.18	0.25	180-220/50	6	5	11	8	20
LSWm30A	0.25	0.37	180-220/50	8	5	12	9	20
LSWm50A	0.37	0.5	180-220/50	8	6	13	11	20
LSWm75A	0.55	0.75	180-220/50	10	8	16	13.5	20
LSW(m)100(A)	0.75	1.0	180-220/50	10	11	19	17	20
LSW(m)150(A)	1.1	1.5	180-220/50	15	10	26	13.5	25
LSW(m)200(A)	1.5	2.0	180-220/50	18	12	32	19	25
LSW(m)300(A)	2.2	3	180-220/50	20	15	34.5	23	25



Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSWm25A	G1 1/2 / 40	221	158	362
LSWm30A	G1 1/2 / 40	221	158	362
LSWm50A	G1 1/2 / 40	221	158	372
LSWm75A	G2/50	260	185	410
LSW(m)100(A)	G2/50	260	185	410
LSW(m)150(A)	G2/50	269	186	450
LSW(m)200(A)	G2/50	269	186	470
LSW(m)300(A)	G2/50	269	186	470

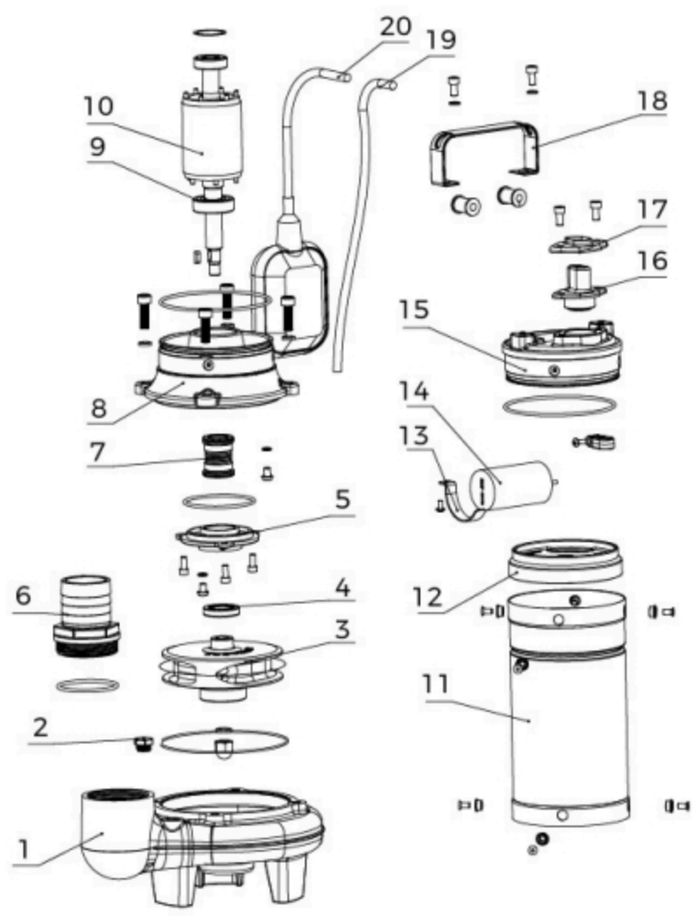
Hydraulic Performance Curves



Material Table

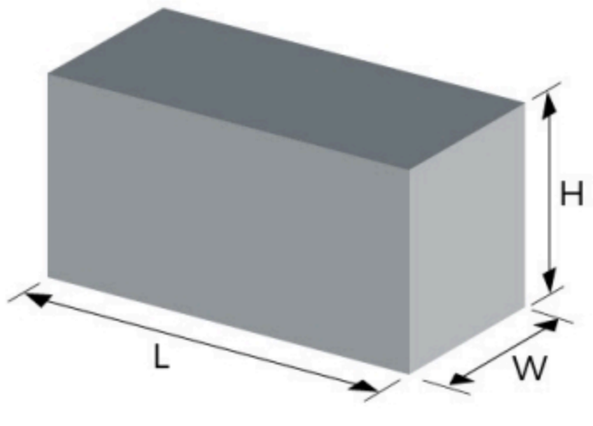
No.	Part	Material
1	Pump body	HT 200
2	Exhaust value	HP59-1
3	Impeller	HT 200
4	Oil seal	
5	Oil chamber cover	HT 200
6	Connector	ABS
7	Mechanical seal	SiC/Carbon +Carbon/Ceramic
8	Oil chamber	HT 200
9	Bearing	
10	Rotor	45# + AISI 304

No.	Part	Material
11	Stator	
12	Upper cover	ADC 12
13	Capacitor clamp	Q235
14	Capacitor	
15	Top cover	HT 200
16	Cable sheathing	Neoprene
17	Cable cover	AISI 304
18	Handle	AISI 304
19	Cable line	
20	Float switch	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LSWm25A	10.25	235	230	425	1218
LSWm30A	10.45	235	230	425	1218
LSWm50A	10.8	235	230	425	1218
LSWm75A	14.5	310	230	475	826
LSW(m)100(A)	14.5	310	230	475	826
LSW(m)150(A)	18.6	315	230	515	750
LSW(m)200(A)	20.45	315	230	535	722
LSW(m)300(A)	22.3	315	230	555	696



LSW

Sewage Submersible Pump





Impeller (1HP)



Rotary Knife (1HP)



Fixed Cutterhead (1HP)



Cutting Impeller (≥1.5HP)



Fixed Cutterhead (≥1.5HP)

Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- AISI 304 shaft
- Max. liquid temperature:40˚C
- Max. immerse depth: 5m

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8

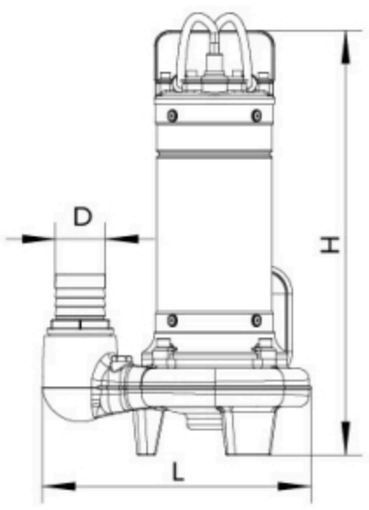
Identification Codes

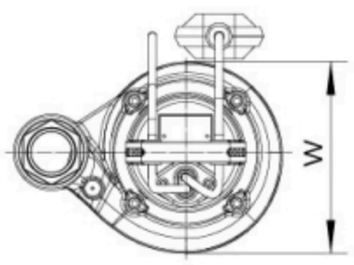
LSW m 150 C A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- C — Cutting Blade
- 150 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

Model	Power		Voltage/Frequency	Rated Flow	Rated Head	Max. Flow	Max. Head
	kW	HP	V/Hz	m^3/h	m	m^3/h	m
LSW(m)100C(A)	0.75	1.0	180-220/50	8	7.5	15	12.5
LSW(m)150C(A)	1.1	1.5	180-220/50	15	8	24 .5	12.5
LSW(m)200C(A)	1.5	2.0	180-220/50	16	11	28	15.5
LSW(m)300C(A)	2.2	3.0	180-220/50	19	12.5	32	21.5

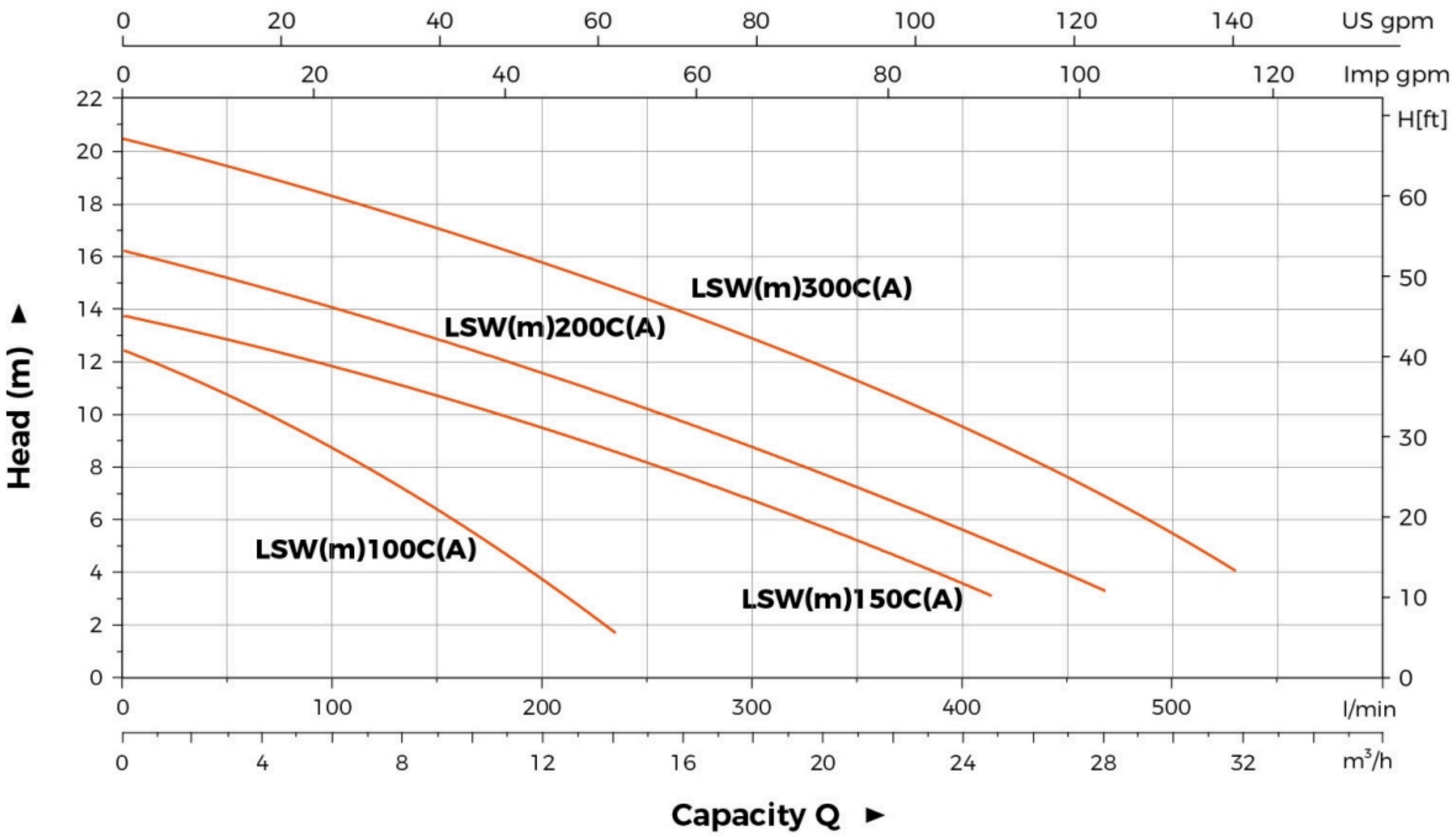




Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSW(m)100C(A)	G2/50	260	185	403
LSW(m)150C(A)	G2/50	269	186	446
LSW(m)200C(A)	G2/50	269	186	460
LSW(m)300C(A)	G2/50	269	186	480

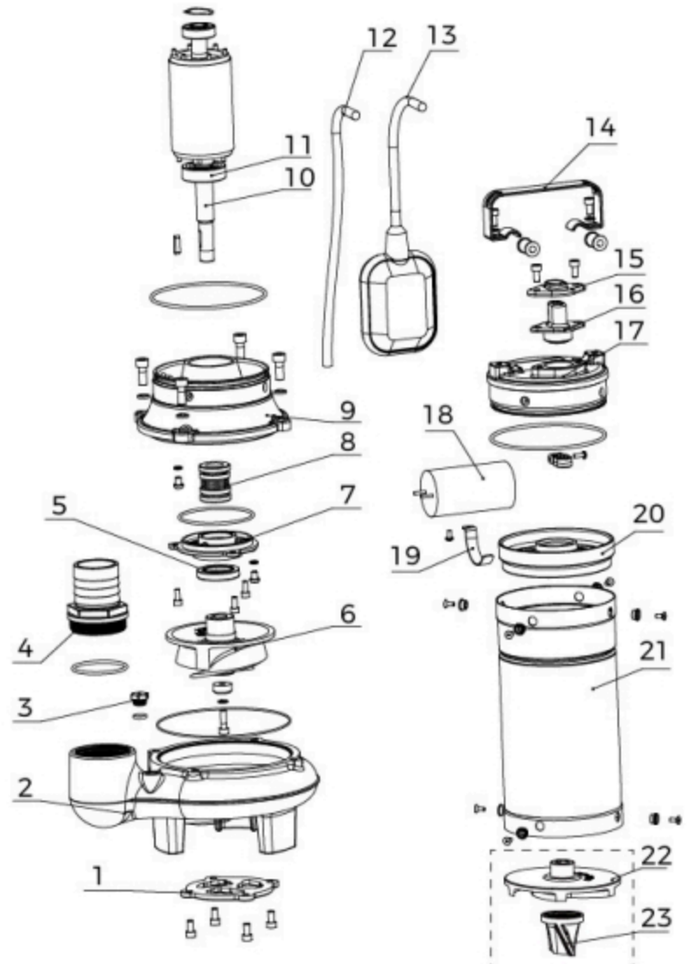
Hydraulic Performance Curves



Material Table

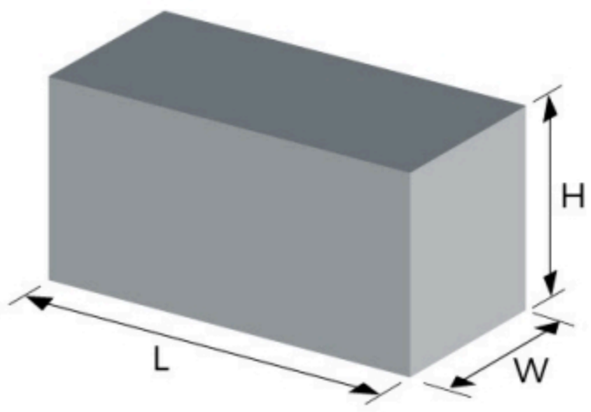
No.	Part	Material
1	Cutting blade	AISI 304
2	Pump body	HT 200
3	Exhaust value	HP59-1
4	Connector	ABS
5	Oil seal	
6	Impeller	Stainless steel (1.1-2.2kW)
7	Oil chamber cover	HT 200
8	Mechanical seal	SiC/Carbon +Carbon/Ceramic
9	Oil chamber	HT 200
10	Rotor	45# + AISI 304
11	Bearing	

No.	Part	Material
12	Cable line	
13	Float switch	
14	Handle	AISI 304
15	Cable cover	AISI 304
16	Cable sheathing	Neoprene
17	Top cover	HT 200
18	Capacitor	
19	Capacitor clamp	Q235
20	Upper cover	ADC 12
21	Stator	
22	Impeller (0.75kW)	HT 200
23	Rotary knife (0.75kW)	AISI 304



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LSW(m)100C(A)	14.8	310	230	468	839
LSW(m)150C(A)	18.55	315	230	510	757
LSW(m)200C(A)	19.95	315	230	525	736
LSW(m)300C(A)	21.35	315	230	555	696



LSW
Sewage Submersible Pump





Semi-open impeller



Only LSW(m)200XA model comes with a base.

Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- AISI 304 shaft
- Max. liquid temperature: 40˚C
- Max. immerse depth: 5m

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8

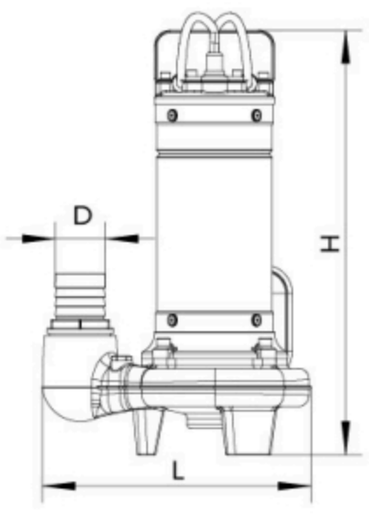
Identification Codes

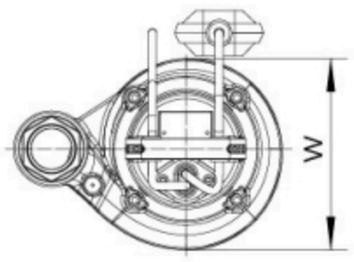
LSW m 75 X A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- X — Semi-open Impeller
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

Model	Power		Voltage/Frequency	Rated Flow	Rated Head	Max. Flow	Max. Head	Max.dia. of particle
	kW	HP	V/Hz	m^3/h	m	m^3/h	m	mm
LSWm25XA	0.18	0.25	180-240/50	4	5	8	7	15
LSWm30XA	0.25	0.3	180-240/50	4	6	10	7.5	15
LSWm75XA	0.5	0.75	180-240/50	8	6.5	17	8.5	25
LSW(m)100X(A)	0.75	1	180-240/50	10	8	20	11	25
LSW(m)150X(A)	1.1	1.5	180-240/50	15	8	23	11.5	35
LSW(m)200X(A)	1.5	2	180-240/50	16.5	10.5	26.5	17	15

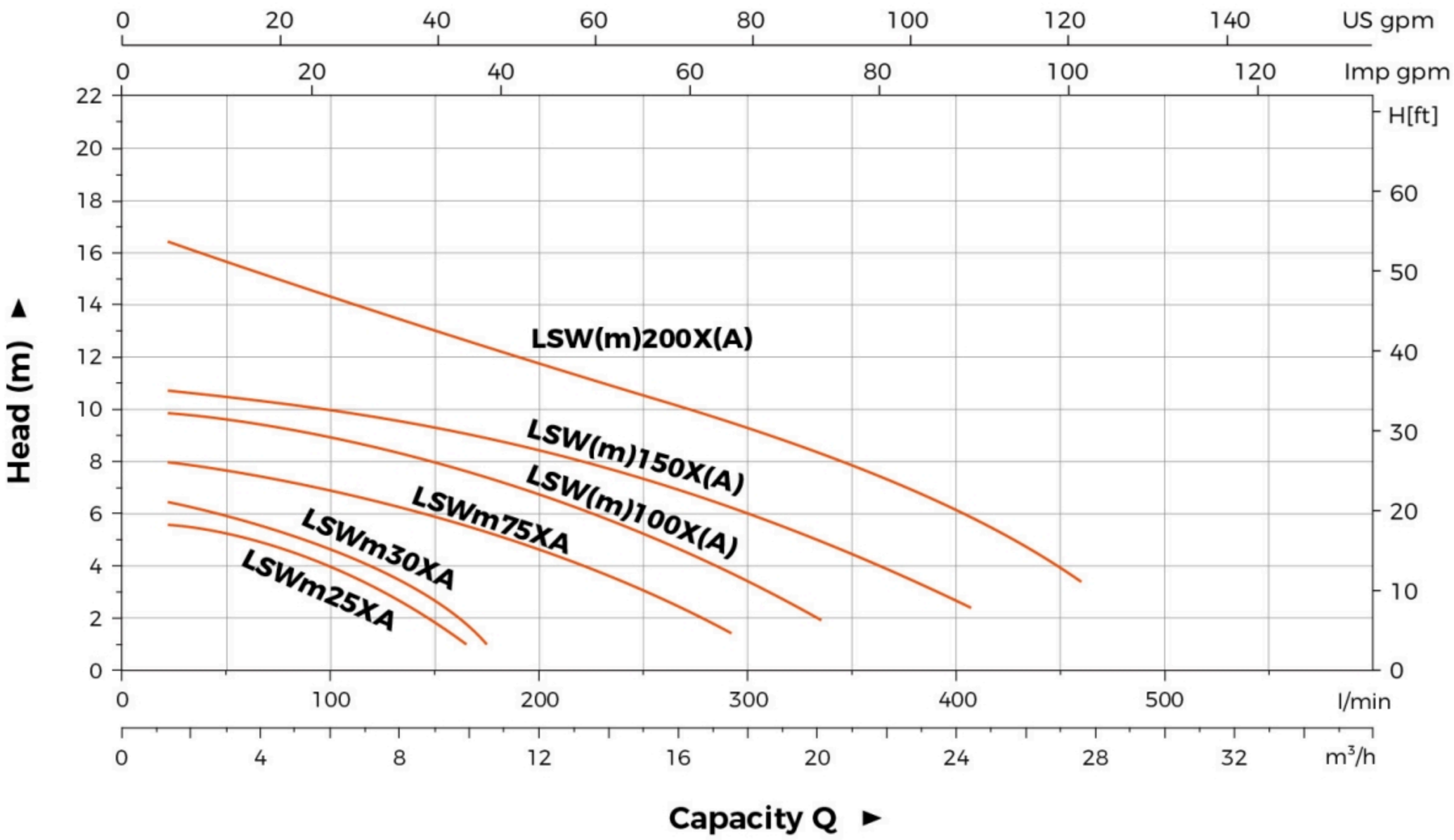




Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSWm25XA	G1 1/4 / 32	172	121	353
LSWm30XA	G1 1/4 / 32	172	121	363
LSWm75XA	G2/50	233	165	423
LSW(m)100X(A)	G2/50	233	165	433
LSW(m)150X(A)	G2/50	277	204	482
LSW(m)200X(A)	G2/50	270	186	480

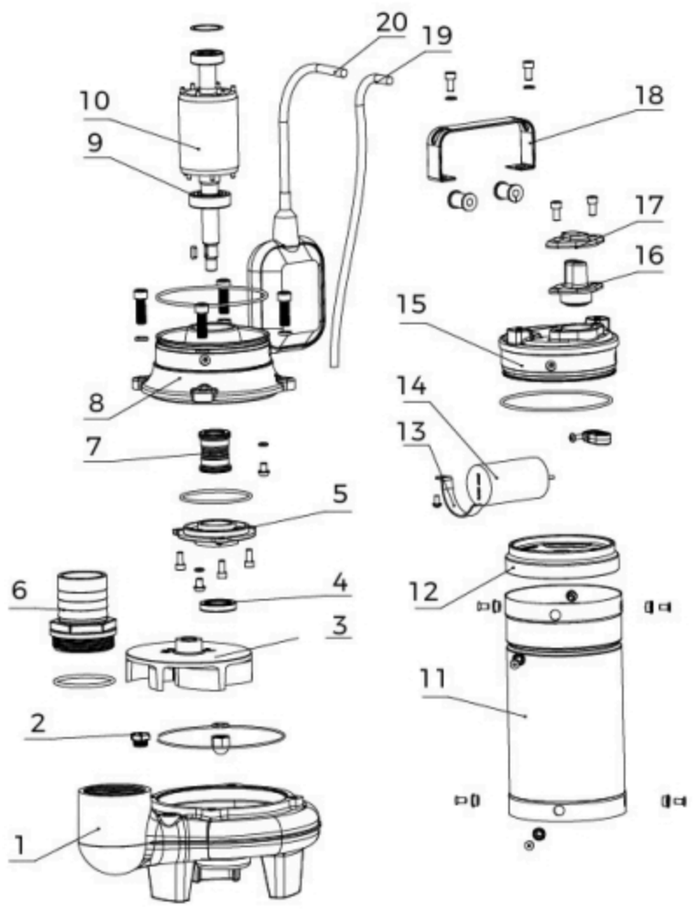
Hydraulic Performance Curves



Material Table

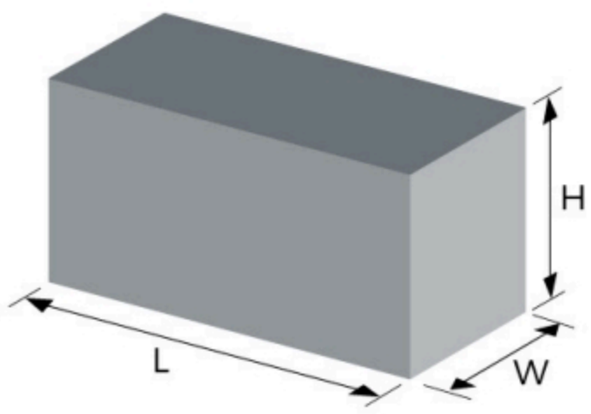
No.	Part	Material
1	Pump body	HT 200
2	Exhaust value	HP59-1
3	Impeller	HT200
4	Oil seal	
5	Oil chamber cover	HT 200
6	Connector	ABS
7	Mechanical seal	SiC/Carbon +Carbon/Ceramic
8	Oil chamber	HT 200
9	Bearing	
10	Rotor	45# + AISI 304

No.	Part	Material
11	Stator	
12	Upper cover	ADC 12
13	Capacitor clamp	Q235
14	Capacitor	
15	Top cover	HT 200
16	Cable sheathing	Neoprene
17	Cable cover	AISI 304
18	Handle	AISI 304
19	Cable line	
20	Float switch	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)
LSWm25XA	8	183	183	400
LSWm30XA	8.2	183	183	400
LSWm75XA	13.5	235	235	470
LSW(m)100X(A)	14.4	235	235	470
LSW(m)150X(A)	19.3	525	325	220
LSW(m)200X(A)	20.6	525	325	230



LSW

Sewage Submersible Pump



Semi-open impeller



Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Stainless steel pump body with special anti-rust treatment
- Fixed cable with unique design
- AISI 304 shaft
- Max. liquid temperature: 40°C
- Max. immerse depth: 5m

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8

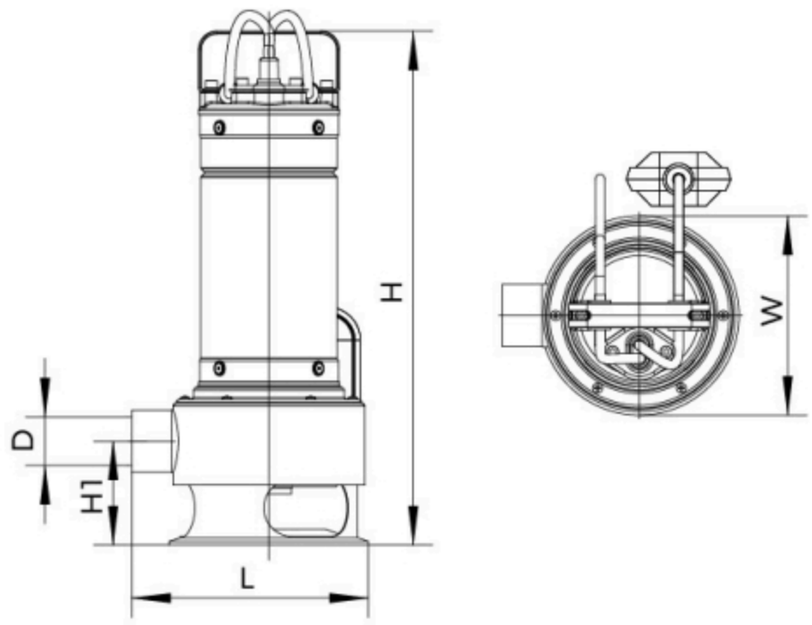
Identification Codes

LSW m 75 S A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- S — Stainless Steel
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

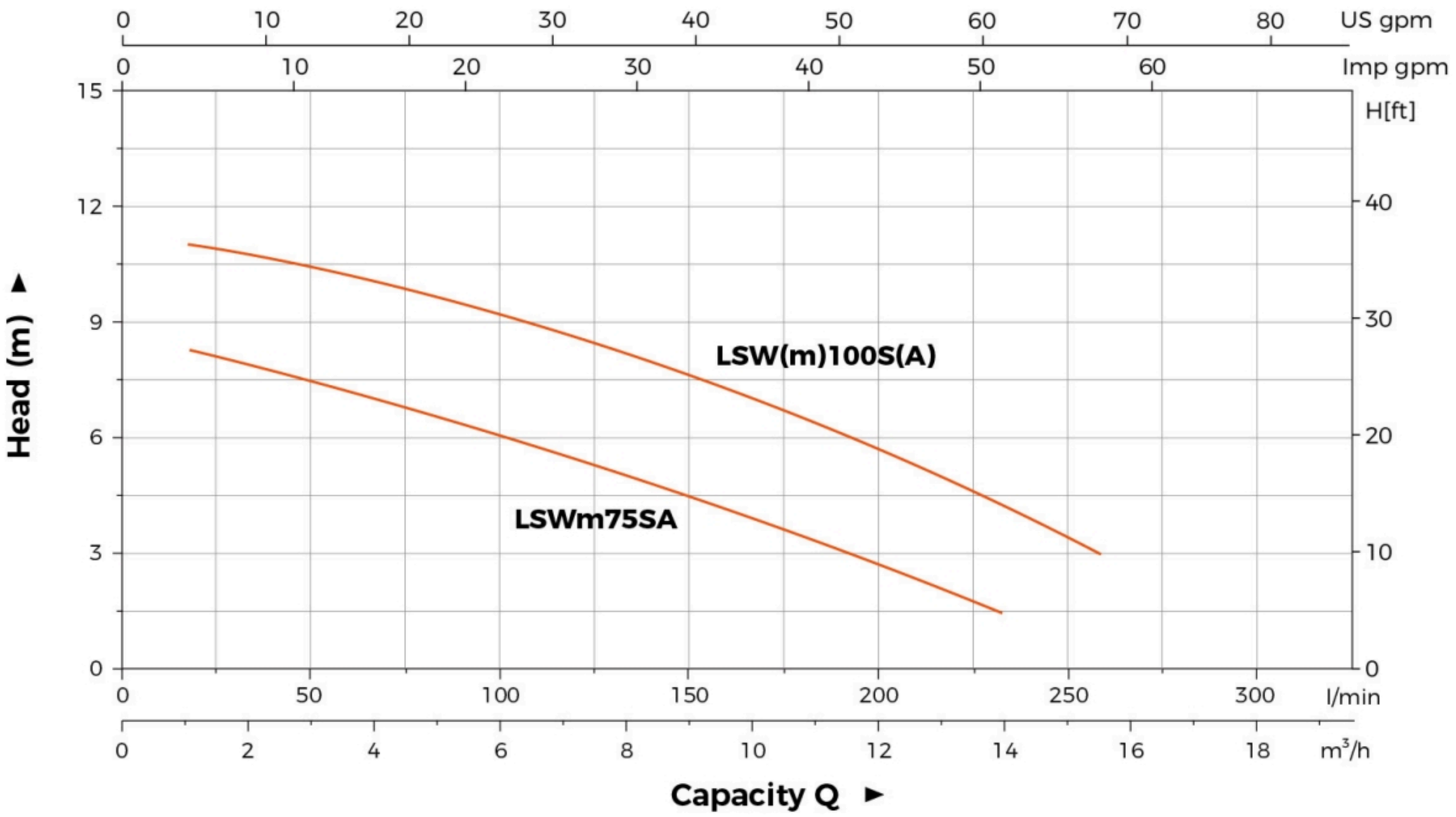
Model	Power		Voltage/Frequency	Rated Flow	Rated Head	Max. Flow	Max. Head	Max.dia. of particle
	kW	HP	V/Hz	m^3/h	m	m^3/h	m	mm
LSWm75SA	0.55	0.75	180-220/50	6	5.8	14	8	20
LSW(m)100S(A)	0.75	1	180-220/50	8	8	15.5	11.5	20



Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)	H1 (mm)
LSWm75SA	G1 1/2 / 38	192	164	423	85
LSW(m)100S(A)					

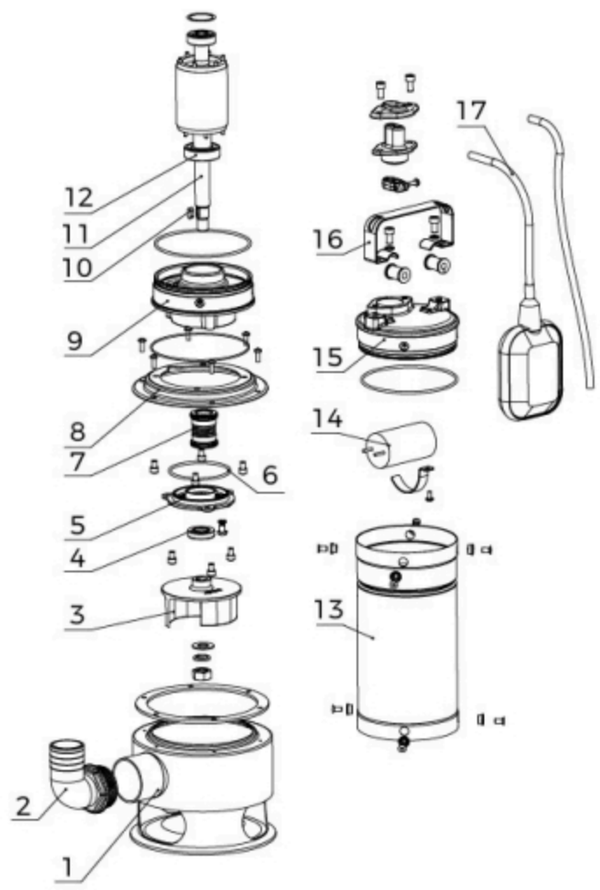
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	304
2	Water outlet elbow	ABS
3	Impeller	SUS304
4	Oil seal	NBR
5	Cover	SUS304
6	O-sealing ring	NBR
7	Mechanical seal	
8	Pump cover	304
9	Oil chamber	SUS304
10	Flat key	304
11	Rotor	45#+304

No.	Part	Material
12	Bearing	Gcr15
13	Stator	Brass
14	Capacitor	
15	Top cap	SUS304
16	Handle	304
17	Float switch	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)
LSWm75SA	11.8	495	260	240
LSW(m)100S(A)	12.6	495	260	240

