

ESSW Series

SS Submersible Sewage Pumps 50Hz

PRODUCT CATALOGUE



PRODUCT OVERVIEW

Efficient Design

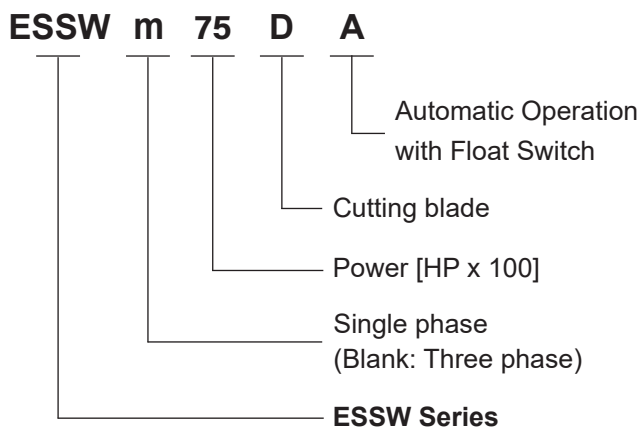
Product Description

ESSW is a submersible sewage pumps suitable for residential and commercial buildings, sewage treatment. It is used to discharge wastewater, rainwater and sewage containing solid particles.

- Stainless steel shell.
- Cast iron pump body with special anti-rust treatment.
- Unique cable fixing design.
- Medium temperature: 40°C.



Model Description



Material

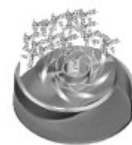
- Pump body: Cast iron
- Impeller: Cast iron
- Shaft: AISI304
- Handle: AISI304
- Mechanical seal: Sic/Carbon/Ceramic

Motor

- Insulation Class: F
- Protection Class: IPX8
- Power: up to 2.2 kW
- Frequency: 50Hz (60Hz is optional)
- Voltage: 180-220V
- Copper winding.
- Built-in thermal protector for single phase motor.



Two-channel impeller
Efficient design



High efficiency spiral cutting impeller
Powerful cutting

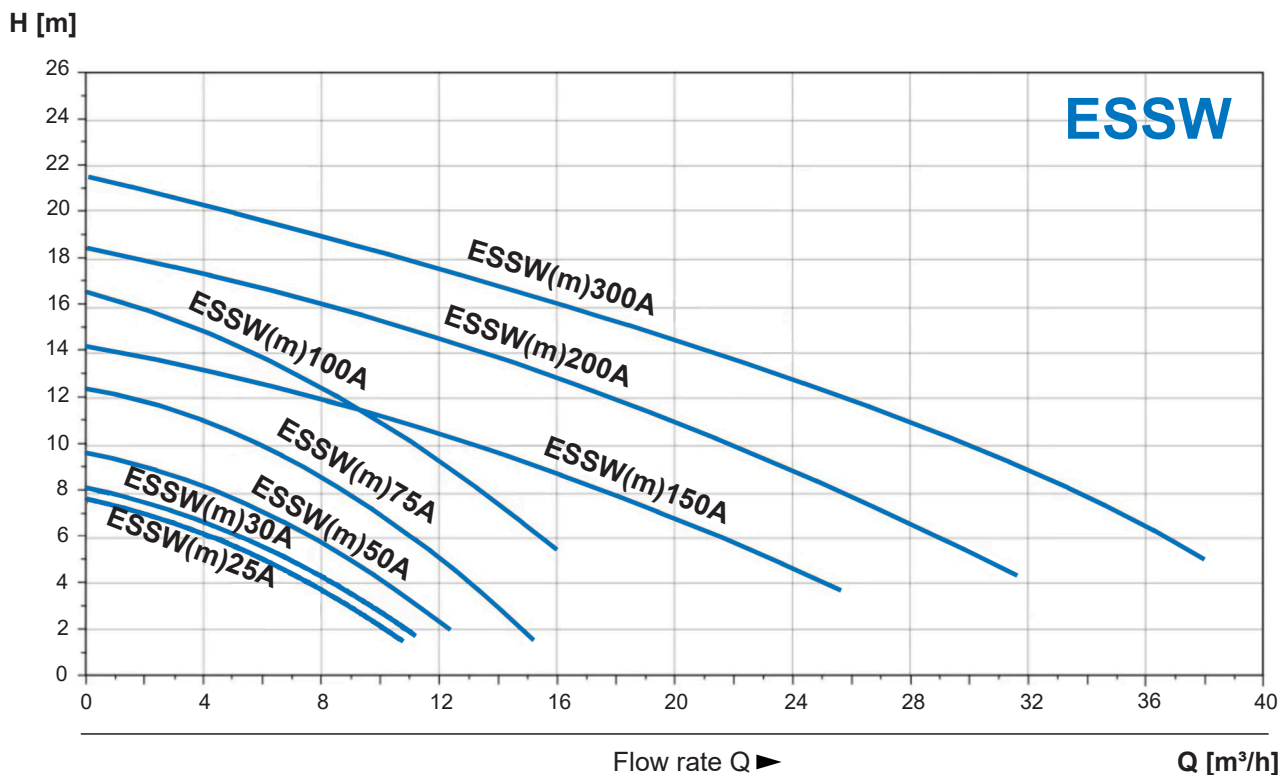


Fixed cutting blade
high hardness
high wear resistance
prevents blockage and winding

PERFORMANCE RANGE

ESSW (with Float Switch)

Performance Curves



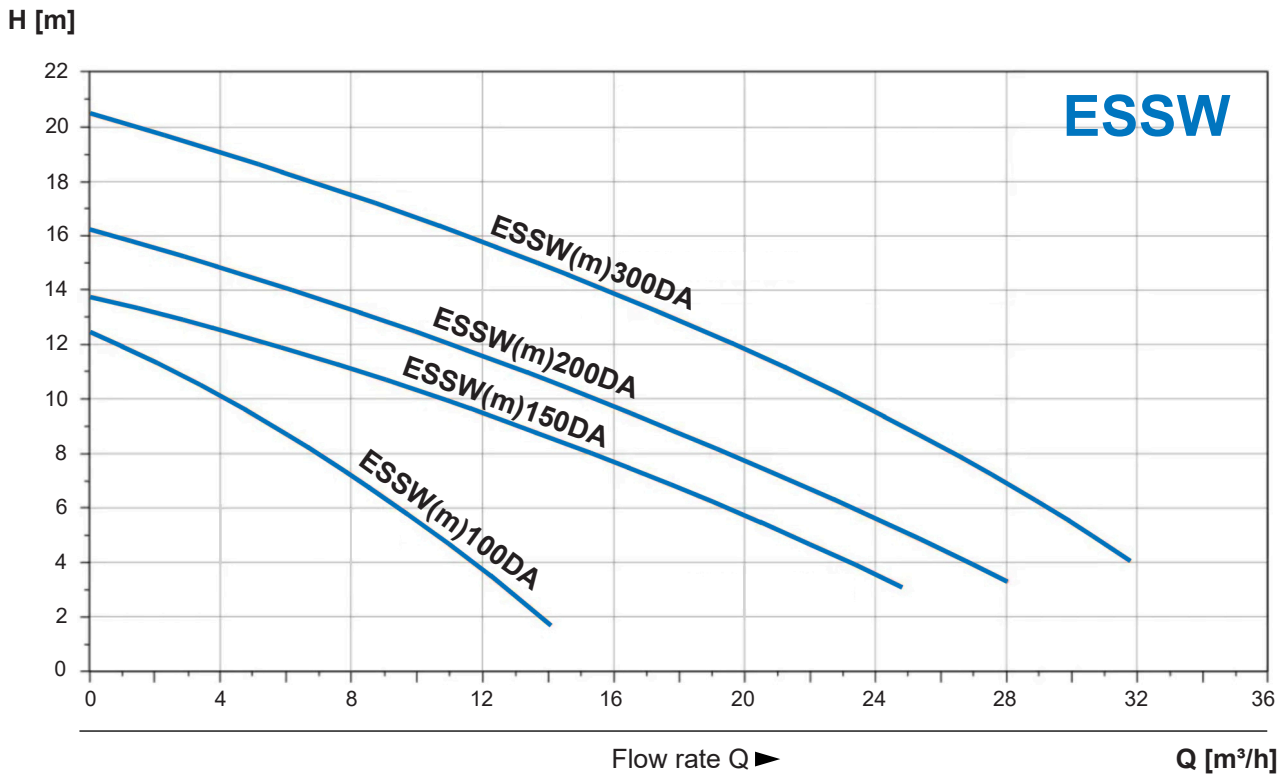
Technical Data

Model	Power		Voltage / Frequency	Q max [m³/h]	H max [m]	Outlet	Particiles max. Dia [mm]
	kW	HP					
ESSWm25A	0.18	0.25	180-220/50	11	8	G1.5	15
ESSWm30A	0.25	0.37	180-220/50	12	9	G1.5	15
ESSWm50A	0.37	0.5	180-220/50	12	11	G1.5	20
ESSWm75A	0.55	0.75	180-220/50	16	13.5	G2	25
ESSWm100A	0.8	1.0	180-220/50	19	17.0	G2	25
ESSWm150A	1.1	1.5	180-220/50	26	13.5	G2	30
ESSWm200A	1.5	2.0	180-220/50	32	19	G2	30
ESSWm300A	2.2	3.0	180-220/50	35	23	G2	30

PERFORMANCE RANGE

ESSW (with Cutting Blade)

Performance Curves



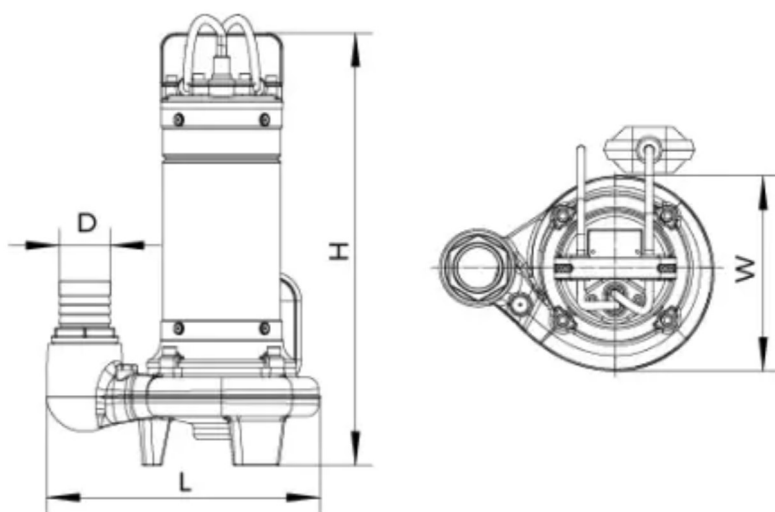
Technical Data

Model	Power		Voltage / Frequency	Q max [m³/h]	H max [m]	Outlet	Praticles max. Dia [mm]
	kW	HP					
ESSWm100DA	0.75	1.0	180-220/50	15	13	G2	13
ESSWm150DA	1.1	1.5	180-220/50	25	14	G2	14
ESSWm200DA	1.5	2.0	180-220/50	30	17	G2	17
ESSWm300DA	2.2	3.0	180-220/50	32	22	G2	21.5

DIMENSIONAL DRAWING

ESSW(A), ESSW(DA)

Dimensions & Weight



Model	D [mm]	L [mm]	W [mm]	H [mm]	Packing Dimensions [mm]			G.W. [Kg]
					L	W	H	
ESSWm25A	G1.5 / 40	221	158	362	235	230	425	10.25
ESSWm30A	G1.5 / 40	221	158	362	235	230	425	10.45
ESSWm50A	G1.5 / 40	221	158	372	235	230	425	10.80
ESSWm75A	G2 / 50	260	185	410	310	230	475	14.50
ESSWm100A	G2 / 50	260	185	410	310	230	475	14.50
ESSWm150A	G2 / 50	269	186	450	315	230	515	18.60
ESSWm200A	G2 / 50	269	186	470	315	230	535	20.45
ESSWm300A	G2 / 50	269	186	470	315	230	555	22.30
ESSWm100DA	G2 / 50	260	185	403	310	230	468	14.80
ESSWm150DA	G2 / 50	269	186	446	315	230	510	18.55
ESSWm200DA	G2 / 50	269	186	460	315	230	525	19.95
ESSWm300DA	G2 / 50	269	186	480	315	230	555	21.35

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