SWE
Submersible Sewage Pump



Impeller



Float Switch
(For Powers1.1kW)



(Hose coupling as standard.
Flange elbow is optional.)

Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

Pump

- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1kw)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

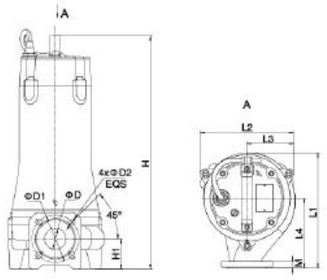
Identification Codes

50 SW E m 8 - 16 - 1.1 L

- Features
- Rated Power (kW)
- Rated Head (m)
- Rated Flow (m^3/h)
- Single Phase Motor (Omitted for three-phase motor)
- Enclosed Channel Impeller
- Submersible Sewage Pump
- Discharge Diameter (mm)

Technical Data

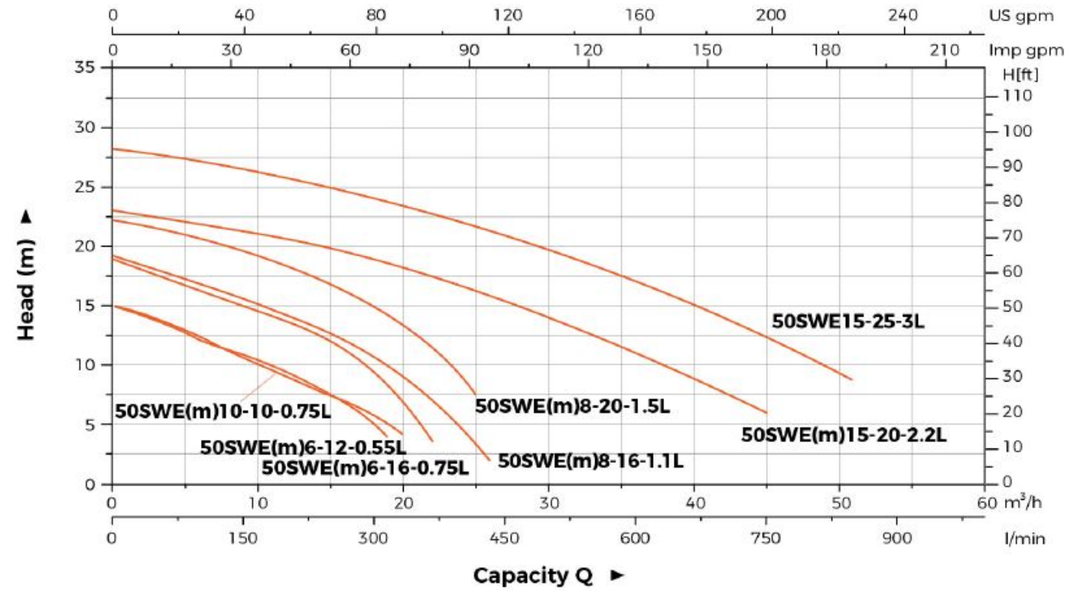
Model		Discharge	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m^3/h	m^3/h	m	m	mm
50SWEm6-12-0.55L	50SWE6-12-0.55L	50 (2")	0.55	0.75	6	19	12	15	20
50SWEm6-16-0.75L	50SWE6-16-0.75L	50 (2")	0.75	1	6	22	16	19	20
50SWEm10-10-0.75L	50SWE10-10-0.75L	50 (2")	0.75	1	10	20	10	15	20
50SWEm8-16-1.1L	50SWE8-16-1.1L	50 (2")	1.1	1.5	8	26	16	19	15
50SWEm8-20-1.5L	50SWE8-20-1.5L	50 (2")	1.5	2	8	25	20	22	15
50SWEm15-20-2.2L	50SWE15-20-2.2L	50 (2")	2.2	3	15	45	20	23	25
-	50SWE15-25-3L	50 (2")	3	4	15	51	25	27	25



Dimension

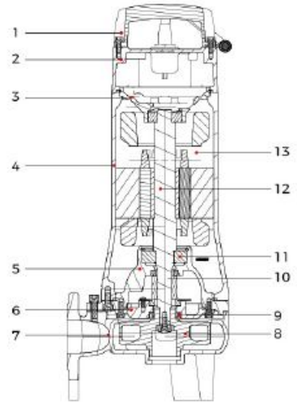
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H(mm) 1~	H(mm) 3~	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
50SWE(m)6-12-0.55L	212	184	96	120	461	461	65	45	110	14	14
50SWE(m)6-16-0.75L											
50SWE(m)10-10-0.75L	210										
50SWE(m)8-16-1.1L	223	191		135	479	479		47			
50SWE(m)8-20-1.5L	227				570	529					16
50SWE(m)15-20-2.2L	268	221	112	163	571	530	70	50			
50SWE15-25-3L					-	561					

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper:Sic/Carbon Lower:Sic/Sic
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	GW (kg) 1~	GW (kg) 3~	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
50SWE(m)6-12-0.55L	24.7	24	746	254	286	544
50SWE(m)6-16-0.75L	26	25.3	746	254	286	544
50SWE(m)10-10-0.75L	25.8	25	746	254	286	544
50SWE(m)8-16-1.1L	33.6	31.7	749	289	368	354
50SWE(m)8-20-1.5L	43.2	38.4	924	284	363	294
50SWE(m)15-20-2.2L	44.9	46.3	924	284	363	294
50SWE15-25-3L	-	49.5	874	284	363	316