

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

- Open vortex impeller, suitable for liquid containing impurities and long fiber substance
- 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 ℃
- 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

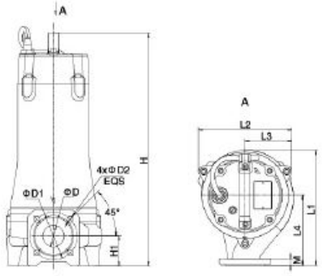
Identification Codes

50 SW U m 9 - 6 - 0.55 L

- L — Features
- 0.55 — Rated Power (kW)
- 6 — Rated Head (m)
- 9 — Rated Flow (m^3/h)
- m — Single Phase Motor (Omitted for three-phase motor)
- U — Semi-open Vortex Impeller
- SW — Submersible Sewage Pump
- 50 — Discharge Diameter (mm)

Technical Data

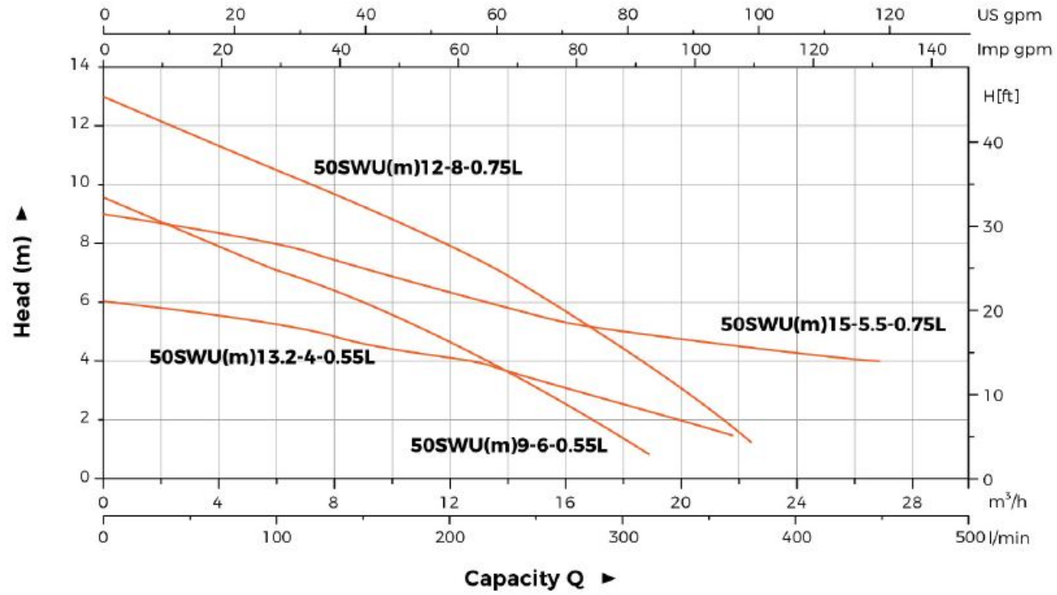
Model		Discharge	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m^3/h	m^3/h	m	m	mm
50SWUm9-6-0.55L	50SWU9-6-0.55L	50 (2")	0.55	0.75	9	19	6	9.5	35
50SWUm13.2-4-0.55L	50SWU13.2-4-0.55L	50 (2")	0.55	0.75	13	22	4	6	50
50SWUm12-8-0.75L	50SWU12-8-0.75L	50 (2")	0.75	1	12	22.5	8	13	35
50SWUm15-5.5-0.75L	50SWU15-5.5-0.75L	50 (2")	0.75	1	15	27	5.5	9	50



Dimension

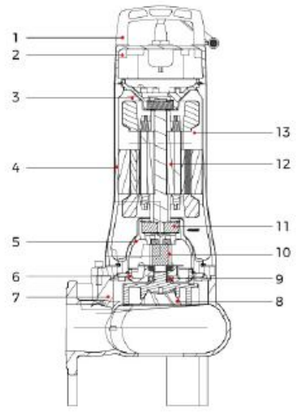
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
50SWU(m)9-6-0.55L	195	160	80	121	483	64	35	110	14	14
50SWU(m)13.2-4-0.55L	201	166	86		508	79	50			
50SWU(m)12-8-0.75L	195	160	80		483	64	35			
50SWU(m)15-5.5-0.75L	201	166	86		508	79	50			

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)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1-	3-				
50SWU(m)9-6-0.55L	24.6	23.9	746	254	286	544
50SWU(m)13.2-4-0.55L	25.1	24.3	746	254	286	544
50SWU(m)12-8-0.75L	25.9	25.2	746	254	286	544
50SWU(m)15-5.5-0.75L	26.4	25.6	746	254	286	544