SWU
Submersible Sewage Pump


Impeller



(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
- 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

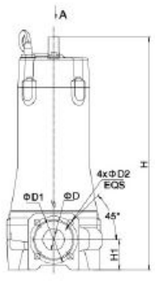
Identification Codes

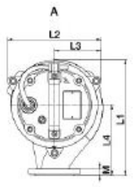
80 SW U m 30 - 4.5 - 1.5 L

- Features
- Rated Power (kW)
- Rated Head (m)
- Rated Flow (m^3/h)
- Single Phase Motor (Omitted for three-phase motor)
- Semi-open Vortex 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
80SWUm30-4.5-1.5L	80SWU30-4.5-1.5L	80(3")	1.5	2	30	50	4.5	6	76
80SWUm30-7-2.2L	80SWU30-7-2.2L	80(3")	2.2	3	30	45	7	8	76

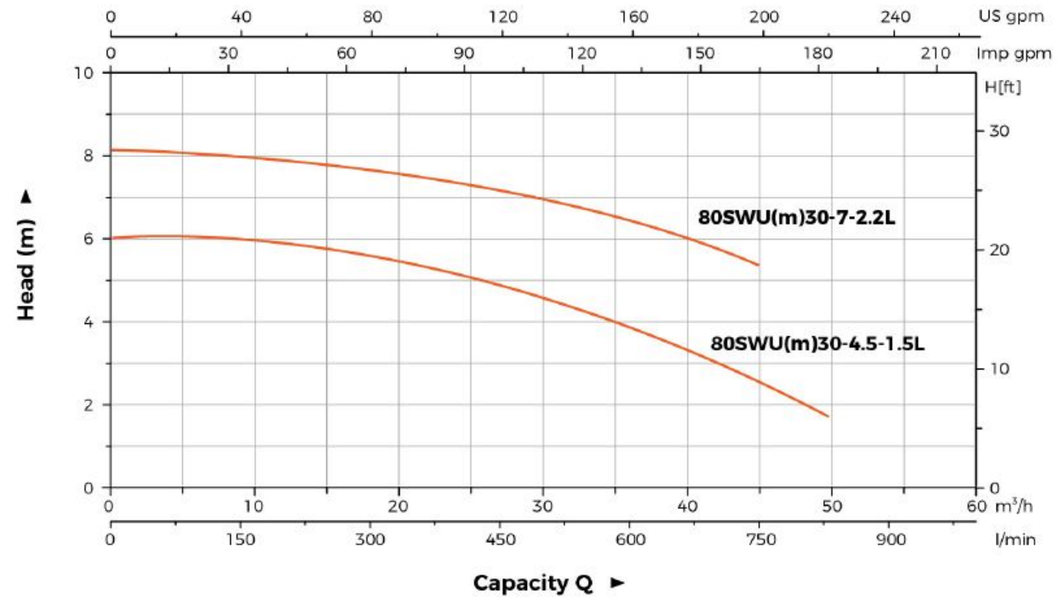




Dimension

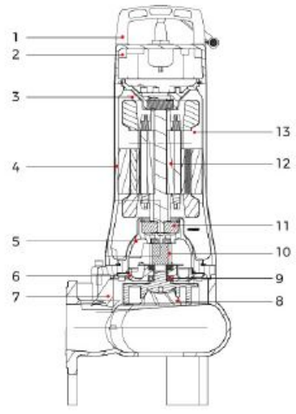
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm) 1~	H (mm) 3~	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
80SWU(m)30-4.5-1.5L	260	224	118	149	672	631	122	75	150	18	18
80SWU(m)30-7-2.2L											

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)
80SWU(m)30-4.5-1.5L	49.1	45.4	924	284	363	294
80SWU(m)30-7-2.2L	49.4	47.5	924	284	363	294