



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 °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

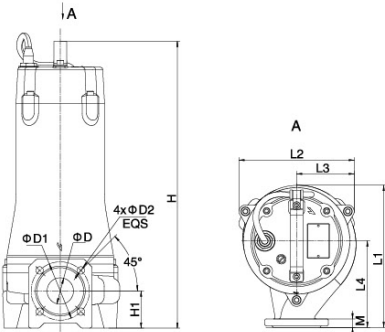
Identification Codes

80 SW U m 30 - 4.5 - 1.5 L

Features
Rated Power (kW)
Rated Head (m)
Rated Flow (m³/h)
Single Phase Motor
(Omitted for three-phase motor)
Semi-open Vortex Impeller
Submersible Sewage Pump
Discharge Diameter (mm)

Technical Data

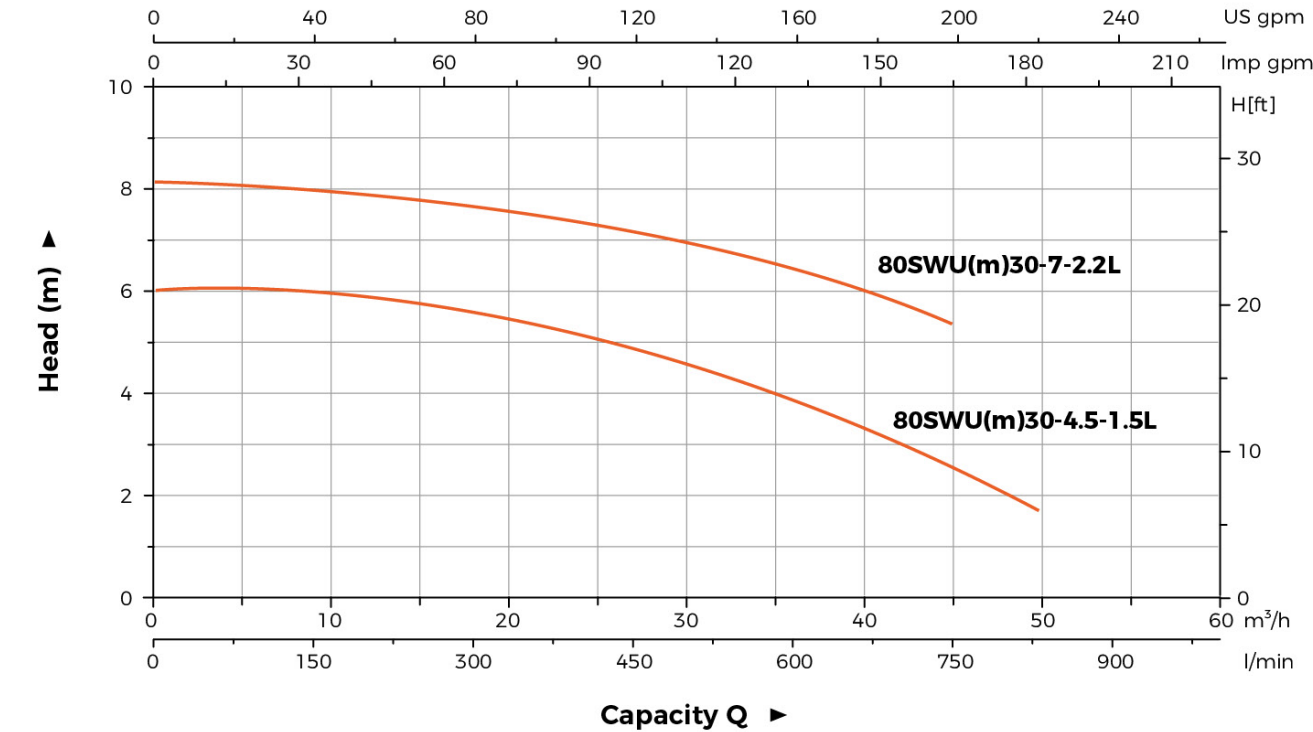
Model		Discharge	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m	mm
80SWUm30-4.5-1.5L	80SWU30-4.5-1.5L	80(3")	1.5	2	30	50	4.5	6	76
80SWUm30-7-2.2L	80SWU30-7-2.2L	80(3")	2.2	3	30	45	7	8	76



Dimension

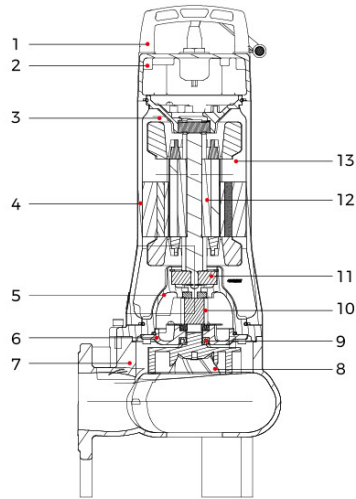
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1~	3~					
80SWU(m)30-4.5-1.5L	260	224	118	149	672	631	122	75	150	18	18
80SWU(m)30-7-2.2L											

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)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1~	3~				
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