



**Applications**

- 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

**Features**

- Semi-open Vortex Impeller design, suitable for transfer of liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems
- Flow switch included for single phase pump with motor power ≤ 1.1 kW

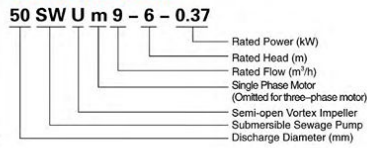
**Working Conditions**

- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

**Motor**

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Protection class: IPX8
- Bearing: Ball type
- Mechanical seal: Double-end mechanical seals

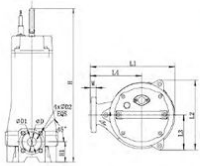
**Identification Codes**



**Technical Data**

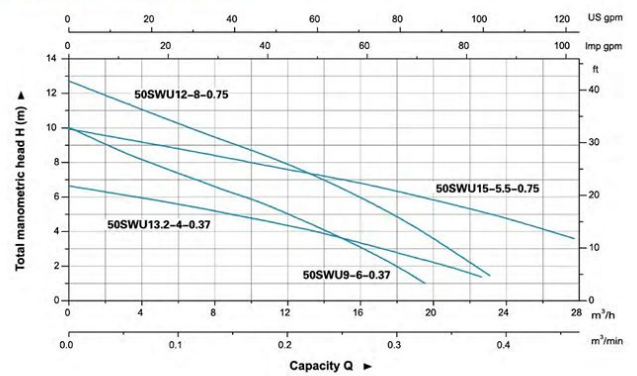
Model		Power		Discharge mm (inch)	Rated Flow (m³/h)	Rated Head (m)	Solid Passage (mm)
Single Phase	Three Phase	kW	HP				
50SWUm9-6-0.37	50SWU9-6-0.37	0.37	0.5	50 (2")	9	6	35
50SWUm13.2-4-0.37	50SWU13.2-4-0.37	0.37	0.5	50 (2")	13.2	4	50
50SWUm12-8-0.75	50SWU12-8-0.75	0.75	1	50 (2")	12	8	35
50SWUm15-5-0.75	50SWU15-5-0.75	0.75	1	50 (2")	15	5.5	50

**Dimension**



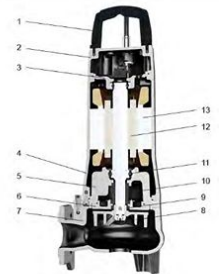
Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
50SWU9-6-0.37					560	75				
50SWUm9-6-0.37					575	80				
50SWU13.2-4-0.37					560	75	50	110	14	16
50SWUm13.2-4-0.37					575	80				
50SWU12-8-0.75	203	178	89	121	560	75				
50SWUm12-8-0.75					575	80				
50SWU15-5-0.75					560	75				
50SWUm15-5-0.75					575	80				

**Hydraulic Performance Curves**



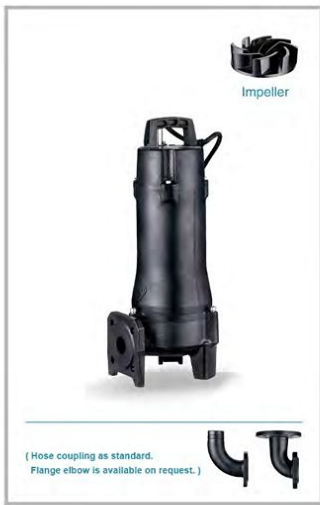
**Materials Table**

No.	Part	Material
1	Handle	ZC304
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 PCS/German Lower PCS
11	Bearing	
12	Rotor	
13	Stator	



**Package Information**

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
50SWU9-6-0.37	36	750	260	368	372
50SWUm9-6-0.37	37	750	260	368	372
50SWU13.2-4-0.37	38	750	260	368	372
50SWUm13.2-4-0.37	37	750	260	368	372
50SWU12-8-0.75	38	750	260	368	372
50SWUm12-8-0.75	39	750	260	368	372
50SWU15-5-0.75	38	750	260	368	372
50SWUm15-5-0.75	39	750	260	368	372



**Applications**

- 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

**Features**

- Semi-open Vortex Impeller design, suitable for transfer of liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems

**Working Conditions**

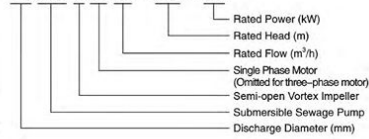
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

**Motor**

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Protection class: IPX8
- Bearing: Ball type
- Mechanical seal: Double-end mechanical seals

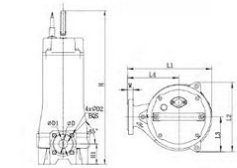
**Identification Codes**

**65 SW U m 24 - 8.5 - 1.5**



**Technical Data**

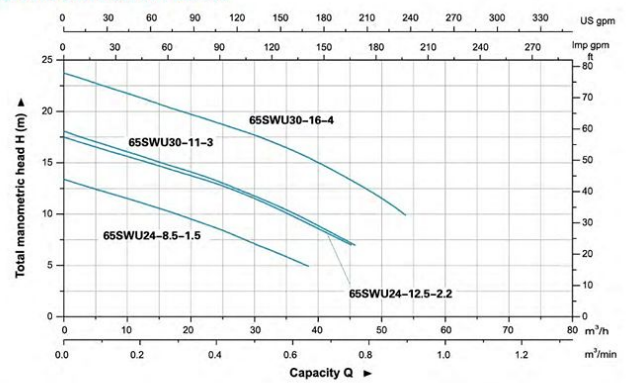
Model		Power		Discharge mm (inch)	Rated Flow (m³/h)	Rated Head (m)	Solid Passage (mm)
Single Phase	Three Phase	kW	HP				
65SWUm24-8.5-1.5	65SWU24-8.5-1.5	1.5	2	65 (2.5")	24	8.5	50
65SWUm24-12.5-2.2	65SWU24-12.5-2.2	2.2	3	65 (2.5")	24	12.5	50
-	65SWU30-11-3	3	4	65 (2.5")	30	11	55
-	65SWU30-16-4	4	5.5	65 (2.5")	30	16	55



**Dimension**

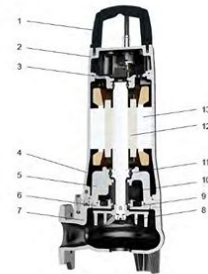
Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
65SWU24-8.5-1.5					626					
65SWUm24-8.5-1.5					667	93	65	130	14	16
65SWU24-12.5-2.2					626					
65SWUm24-12.5-2.2	268	219	111	161	667					
65SWU30-11-3	260	218	118	149	806	122	80	150	18	18
65SWU30-16-4										

**Hydraulic Performance Curves**



**Materials Table**

No.	Part	Material
1	Handle	Z6304
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	User Recommended
11	Bearing	
12	Rotor	
13	Stator	



**Package Information**

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/27 TEU)
65SWU24-8.5-1.5	58	848	358	311	294
65SWUm24-8.5-1.5	60	848	358	311	294
65SWU24-12.5-2.2	60	848	358	311	294
65SWUm24-12.5-2.2	62	918	338	306	294
65SWU30-11-3	68	848	358	311	294
65SWU30-16-4	69	918	338	306	294



**Applications**

- 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

**Features**

- Semi-open Vortex Impeller design, suitable for transfer of liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems

**Working Conditions**

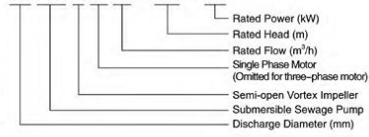
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

**Motor**

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Protection class: IPX8
- Bearing: Ball type
- Mechanical seal: Double-end mechanical seats

**Identification Codes**

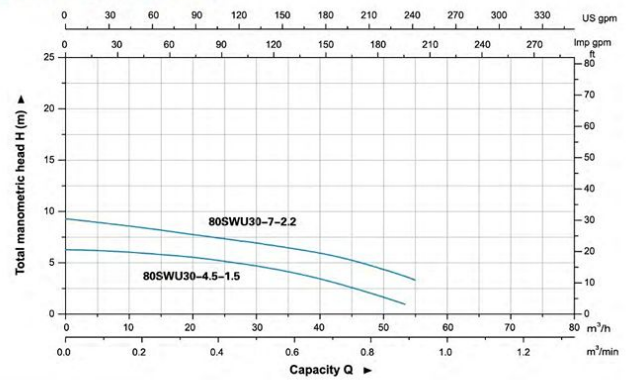
**80 SW U m 30 - 4.5 - 1.5**



**Technical Data**

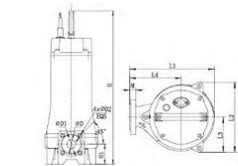
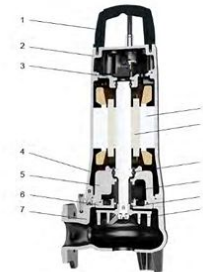
Model		Power		Discharge mm (inch)	Rated Flow (m <sup>3</sup> /h)	Rated Head (m)	Solid Passage (mm)
Single Phase	Three Phase	kW	HP				
80SWUm30-4.5-1.5	80SWU30-4.5-1.5	1.5	2	80 (3")	30	4.5	76
80SWUm30-7.2-2.2	80SWU30-7.2-2.2	2.2	3	80 (3")	30	7	76

**Hydraulic Performance Curves**



**Materials Table**

No.	Part	Material
1	Handle	Z6304
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 Seal: Carbon Lower Seal: SS
11	Bearing	
12	Rotor	
13	Stator	



**Dimension**

Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
80SWU30-4.5-1.5					665					
80SWUm30-4.5-1.5					706					
80SWU30-7.2-2.2	260	218	118	149	665	122	80	150	18	18
80SWUm30-7.2-2.2					706					

**Package Information**

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
80SWU30-4.5-1.5	58	918	338	306	294
80SWUm30-4.5-1.5	61	918	338	306	294
80SWU30-7.2-2.2	62	918	338	306	294
80SWUm30-7.2-2.2	63	918	338	306	294