



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

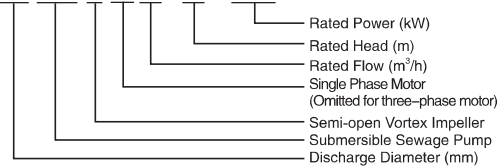
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

Motor

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

Identification Codes

50 SW U m 9 - 6 - 0.37



(Hose coupling as standard.
Flange elbow is available on request.)

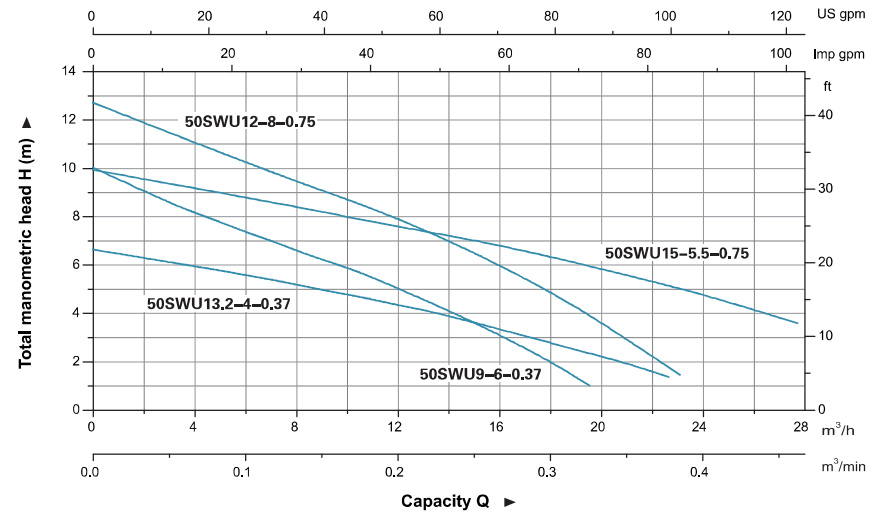
Technical Data

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
50SWUm15-5.5-0.75	50SWU15-5.5-0.75	0.75	1	50 (2")	15	5.5	50

Dimension

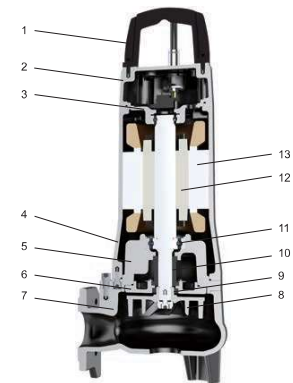
Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
50SWU9-6-0.37	203	178	89	121	560	75	50	110	14	16
50SWUm9-6-0.37										
50SWU13.2-4-0.37										
50SWUm13.2-4-0.37										
50SWU12-8-0.75										
50SWUm12-8-0.75										
50SWU15-5.5-0.75										
50SWUm15-5.5-0.75										

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Handle	ZG304
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:Si/Carbon Lower:Si/SiC
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	290	368	372
50SWUm9-6-0.37	37	750	290	368	372
50SWU13.2-4-0.37	36	750	290	368	372
50SWUm13.2-4-0.37	37	750	290	368	372
50SWU12-8-0.75	38	750	290	368	372
50SWUm12-8-0.75	39	750	290	368	372
50SWU15-5.5-0.75	38	750	290	368	372
50SWUm15-5.5-0.75	39	750	290	368	372



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- Flexible installations with hoses, pipes or quick-coupling systems

Working Conditions

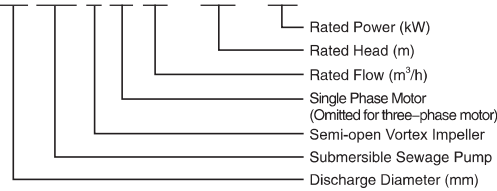
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

Motor

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

Identification Codes

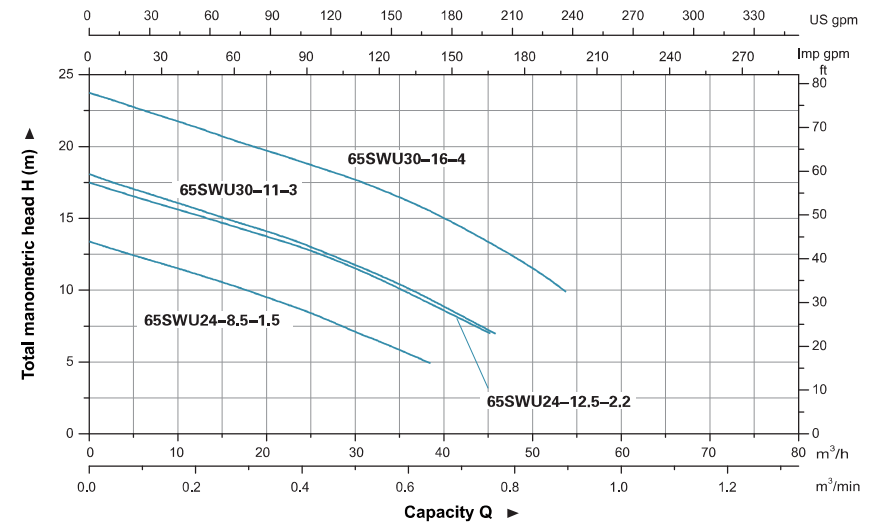
65 SW U m 24 - 8.5 - 1.5



Technical Data

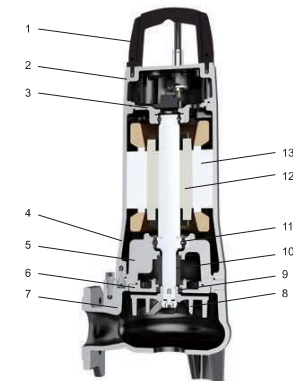
Model		Power		Discharge mm (inch)	Rated Flow (m ³ /h)	Rated Head (m)	Solid Passage (mm)
Single Phase	Three Phase	kW	HP				
65SWUm24-8.5-1.5	65SWU24-8.5-1.5	1.5	2	65 (2.5")	24	8.5	50
65SWUm24-12.5-2.2	65SWU24-12.5-2.2	2.2	3	65 (2.5")	24	12.5	50
-	65SWU30-11-3	3	4	65 (2.5")	30	11	55
-	65SWU30-16-4	4	5.5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

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Handle	ZG304
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	

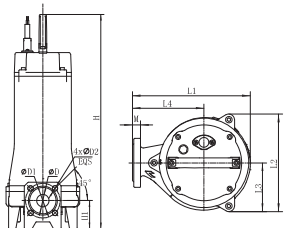


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' 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

Dimension

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





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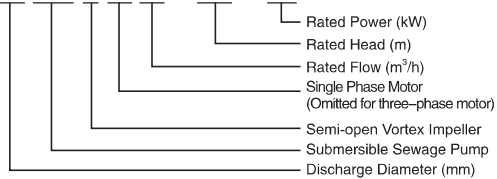
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

Motor

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

Identification Codes

80 SW U m 30 - 4.5 - 1.5

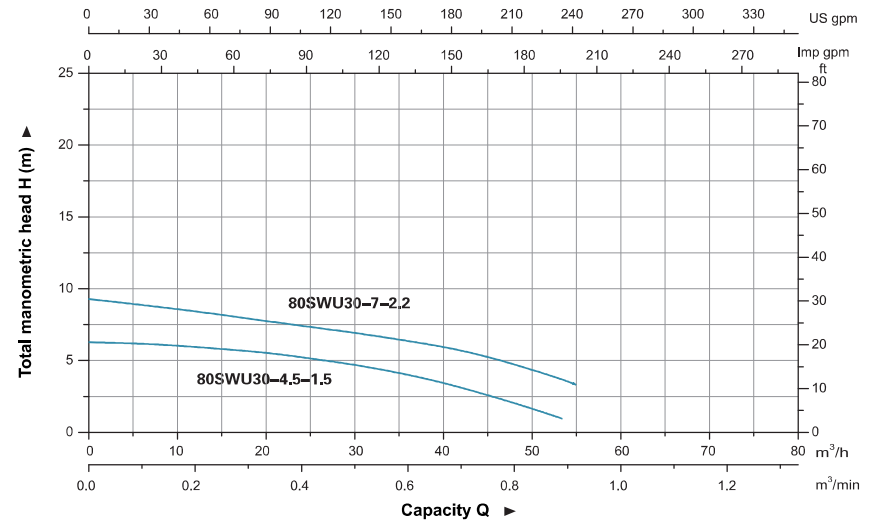


(Hose coupling as standard.
Flange elbow is available on request.)

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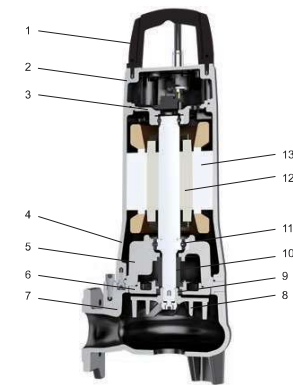
Model		Power		Discharge mm (inch)	Rated Flow (m ³ /h)	Rated Head (m)	Solid Passage (mm)
Single Phase	Three Phase	kW	HP				
80SWUm30-4.5-1.5	80SWU30-4.5-1.5	1.5	2	80 (3")	30	4.5	76
80SWUm30-7-2.2	80SWU30-7-2.2	2.2	3	80 (3")	30	7	76

Hydraulic Performance Curves



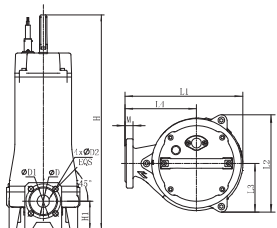
Materials Table

No.	Part	Material
1	Handle	ZG304
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 (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	62	918	338	306	294
80SWUm30-7-2.2	63	918	338	306	294



Dimension

Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
80SWU30-4.5-1.5	260	218	118	149	665	122	80	150	18	18
80SWUm30-4.5-1.5					706					
80SWU30-7-2.2					665					
80SWUm30-7-2.2					706					