



Applications

- Domestic wastewater drainage
- Drainage in buildings and construction sites
- Industrial drainage for farming, food, leather, paper pulp, dyeing and printing, etc.

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

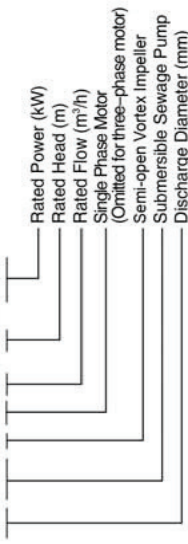
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

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

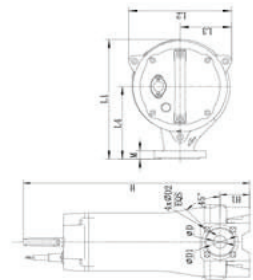


Technical Data

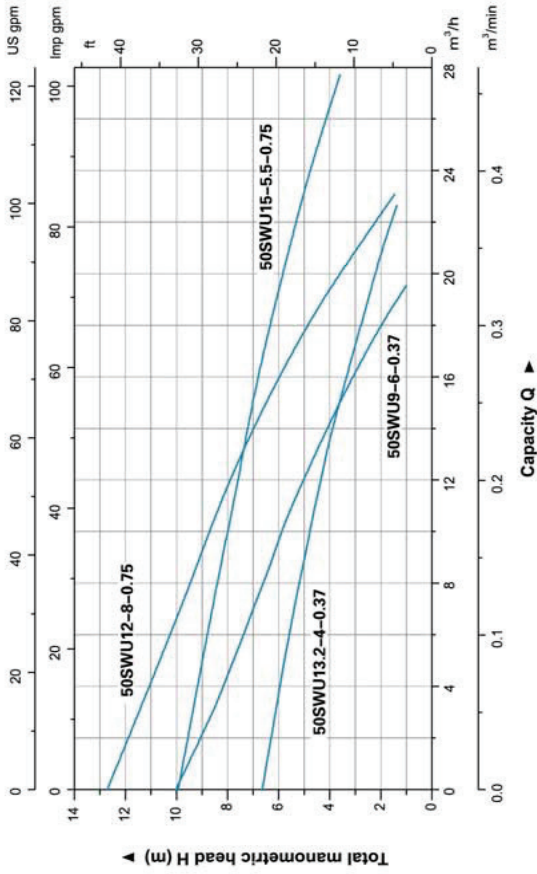
Model	Three Phase	Power	Discharge	Rated Flow	Rated Head	Solid Passage
	Single Phase	kW	mm (inch)	(m ³ /h)	(m)	mm
50SWUm9-6-0.37	50SWU9-6-0.37	0.37	50(2")	9	6	35
50SWUm13.2-4-0.37	50SWU13.2-4-0.37	0.37	50(2")	13.2	4	50
50SWUm12-8-0.75	50SWU12-8-0.75	0.75	50(2")	12	8	35
50SWUm15-5-0.75	50SWU15-5-0.75	0.75	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	203	178	89	121	50	110	14	16		
50SWUm13.2-4-0.37				560	75					
50SWU12-8-0.75				575	80					
50SWUm12-8-0.75				560	75					
50SWU15-5-0.75				575	80					
50SWUm15-5-0.75				560	75					

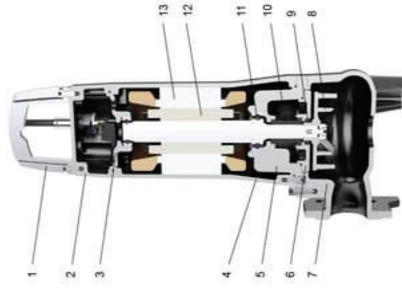


Hydraulic Performance Curves



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	Upper: Silicon Lower: Fluorocarbon
10	Mechanical seal	Upper: Silicon Lower: Fluorocarbon
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
50SWU15-5-0.75	38	750	290	368	372
50SWUm15-5-0.75	39	750	290	368	372



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Working Conditions

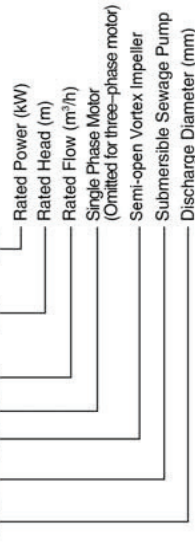
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

Motor

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

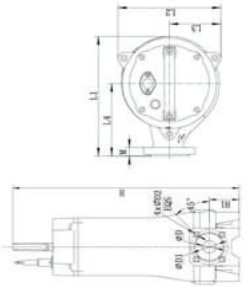
Identification Codes

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
	Three Phase kW	HP				
65SWUm24-8.5-1.5	1.5	2	65(2.5")	24	8.5	50
65SWUm24-12.5-2.2	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

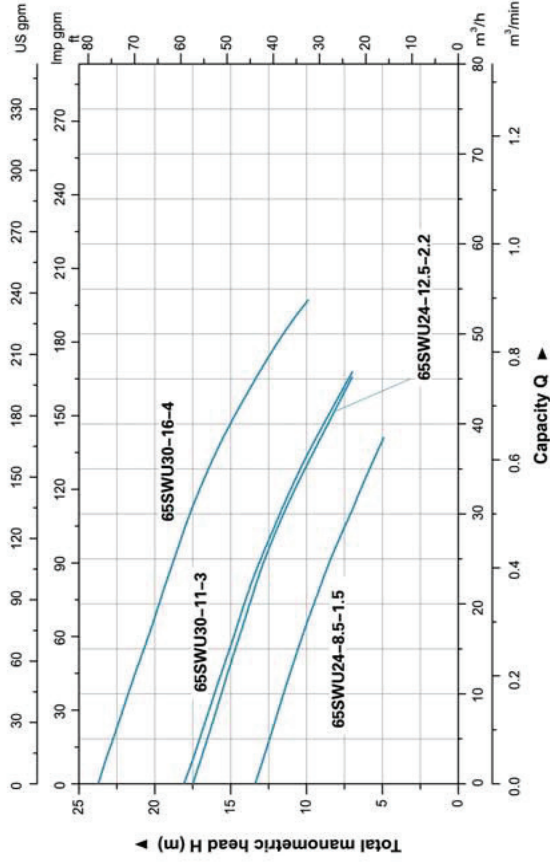


Dimension

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	268	219	111	161	626					
65SWUm24-12.5-2.2					667					
65SWU30-11-3					806	122	80	150	18	18
65SWU30-16-4	260	218	118	149	806					

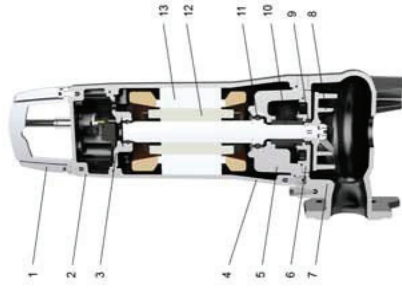
Connectors on request

Hydraulic Performance Curves



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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	Upper:SiCarbon Lower:Stainless
10	Mechanical seal	
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	CW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20TEU)
65SWU24-8.5-1.5	56	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



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Working Conditions

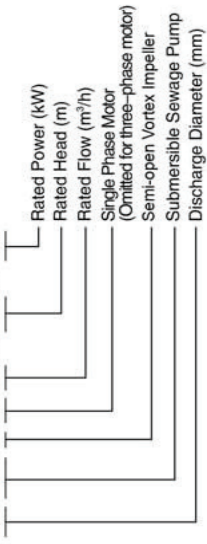
- Liquid temperature: 0 - 40 °C
- Max immersion depth: 5 m

Motor

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

Identification Codes

80 SW U m 30 - 4.5 - 1.5

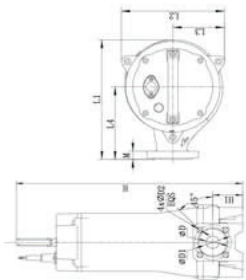


Connectors on request

Technical Data

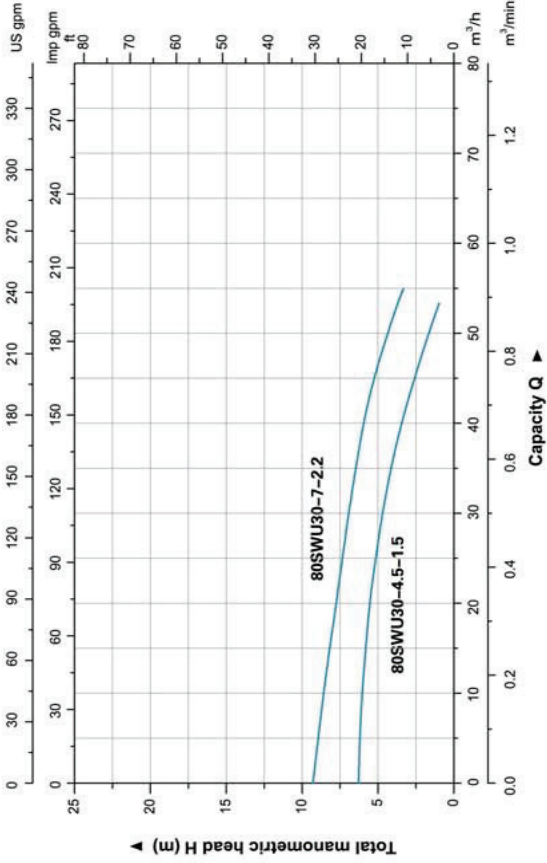
Single Phase	Power		Discharge mm (inch)	Rated Flow (m ³ /h)	Rated Head (m)	Solid Passage mm
	Three Phase	HP				
80SWUm30-4.5-1.5	80SWU30-4.5-1.5	2	80(3")	30	4.5	76
80SWUm30-7-2.2	80SWU30-7-2.2	3	80(3")	30	7	76

Dimension



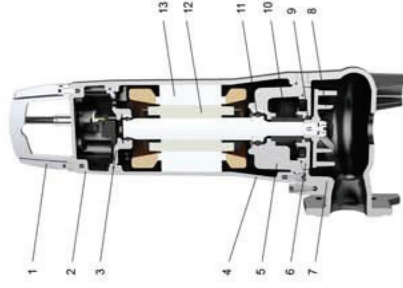
Model	L1	L2	L3	L4	H	H1	D	D1	D2	M
80SWU30-4.5-1.5					665					
80SWUm30-4.5-1.5	260	218	118	149	706	122	80	150	18	18
80SWU30-7-2.2					665					
80SWUm30-7-2.2					706					

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	Upper: Silicon Lower: Polyac
10	Mechanical seal	
11	Bearing	
12	Rotor	
13	Stator	



Package Information

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