

SWE-L

Submersible Sewage Pump



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

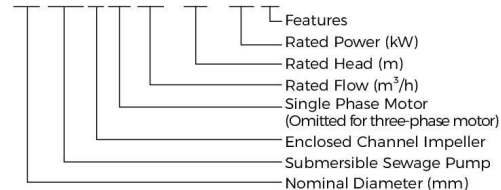
- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1kW)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °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

50 SW E m 10 - 16 - 1.1 L

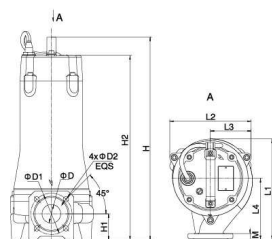


Technical Data

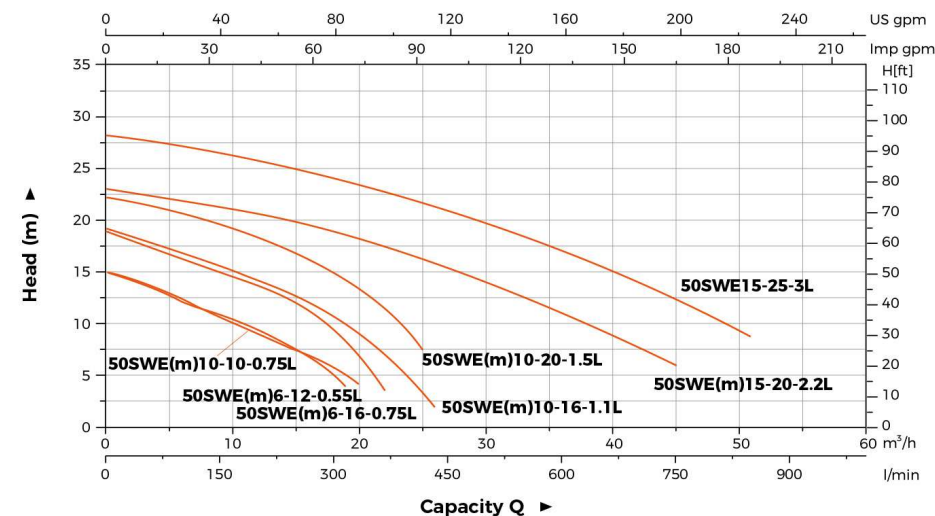
Model		Diameter	Power	Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m
50SWE6-12-0.55L	50SWE6-12-0.55L	50 (2")	0.55	0.75	6	19	12	15
50SWE6-16-0.75L	50SWE6-16-0.75L	50 (2")	0.75	1	6	22	16	19
50SWE10-10-0.75L	50SWE10-10-0.75L	50 (2")	0.75	1	10	20	10	15
50SWE10-16-1.1L	50SWE10-16-1.1L	50 (2")	1.1	1.5	8	26	16	19
50SWE10-20-1.5L	50SWE10-20-1.5L	50 (2")	1.5	2	8	25	20	22
50SWE15-20-2.2L	50SWE15-20-2.2L	50 (2")	2.2	3	15	45	20	23
-	50SWE15-25-3L	50 (2")	3	4	15	51	25	27

Dimension

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	M (mm)	H1 (mm)	H2 (mm)	D (mm)	D1 (mm)	D2 (mm)
50SWE(m)6-12-0.55L	212									
50SWE(m)6-16-0.75L		184	96	120	14	461	461	65	399	399
50SWE(m)10-10-0.75L	210									
50SWE(m)10-16-1.1L						489	489		427	427
50SWE(m)10-20-1.5L	233	195	98	140	16	580	539	80	518	477
50SWE(m)15-20-2.2L										
50SWE15-25-3L	268	221	112	163		-	561	70	-	494

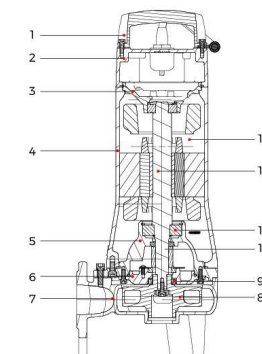


Hydraulic Performance Curves



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	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
	1~	3~				
50SWE(m)6-12-0.55L	24.7	24	740	250	275	544
50SWE(m)6-16-0.75L	26	25.3	740	250	275	544
50SWE(m)10-10-0.75L	25.8	25	740	250	275	544
50SWE(m)10-16-1.1L	33	31.4	745	285	355	354
50SWE(m)10-20-1.5L	40	37.7	924	284	363	294
50SWE(m)15-20-2.2L	41.9	40.3	924	284	363	294
50SWE15-25-3L	-	50.6	874	284	363	316



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Pump

- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1kW)
- Cable Length: 10m
- 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

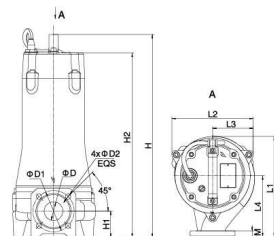
Identification Codes

65 SW E m 15 - 10 - 1.1 L

- Features
- Rated Power (kW)
- Rated Head (m)
- Rated Flow (m³/h)
- Single Phase Motor (Omitted for three-phase motor)
- Enclosed Channel Impeller
- Submersible Sewage Pump
- Nominal Diameter (mm)

Technical Data

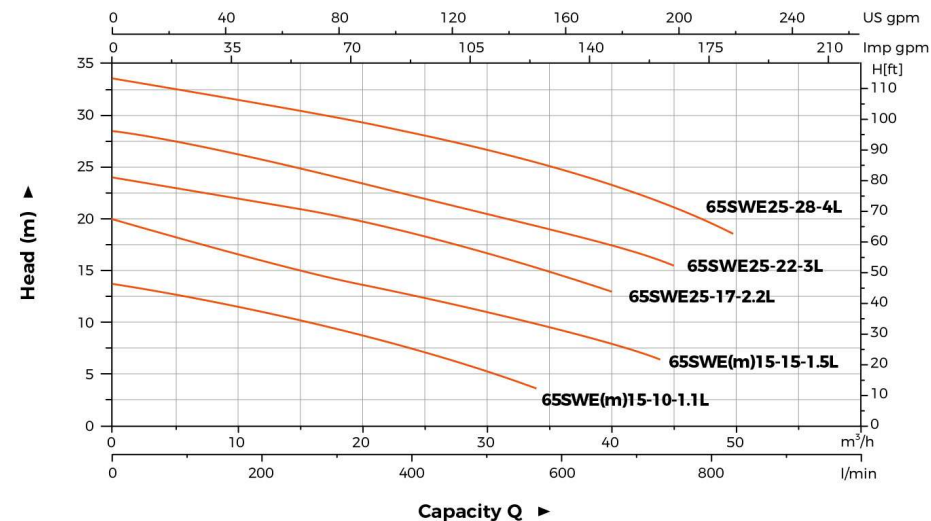
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m	mm
65SWE m15-10-1.1L	65SWE15-10-1.1L	65 (2.5")	1.1	1.5	15	34	10	14	25
65SWE m15-15-1.5L	65SWE15-15-1.5L	65 (2.5")	1.5	2	15	44	15	20	25
-	65SWE25-17-2.2L	65 (2.5")	2.2	3	25	40	17	24	25
-	65SWE25-22-3L	65 (2.5")	3	4	25	45	22	28.5	25
-	65SWE25-28-4L	65 (2.5")	4	5.5	25	50	28	31.5	25



Dimension

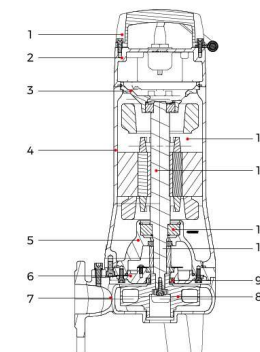
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	M (mm)	H (mm) 1- 3-	H1 (mm) 1- 3-	H2 (mm) 1- 3-	D (mm)	D1 (mm)	D2 (mm)
65SWE(m)15-10-1.1L	233	195	98	140		489 489	80	427 427	50	110	
65SWE(m)15-15-1.5L						581 540		519 478			
65SWE25-17-2.2L	289	225	117	178	16	- 540	77.5	- 478	65	130	14
65SWE25-22-3L						- 571		- 504			
65SWE25-28-4L						- 571		- 504			

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	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1-	3-				
65SWE(m)15-10-1.1L	36.1	34.6	745	285	355	354
65SWE(m)15-15-1.5L	43.5	41.2	924	284	363	294
65SWE25-17-2.2L	-	44	924	284	363	294
65SWE25-22-3L	-	52	874	284	363	316
65SWE25-28-4L	-	55	874	284	363	316



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Pump

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- 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 E 40 - 9 - 2.2 L

- 80: Nominal Diameter (mm)
- SW: Submersible Sewage Pump
- E: Enclosed Channel Impeller
- 40: Rated Flow (m³/h)
- 9: Rated Head (m)
- 2.2: Rated Power (kW)
- L: Features

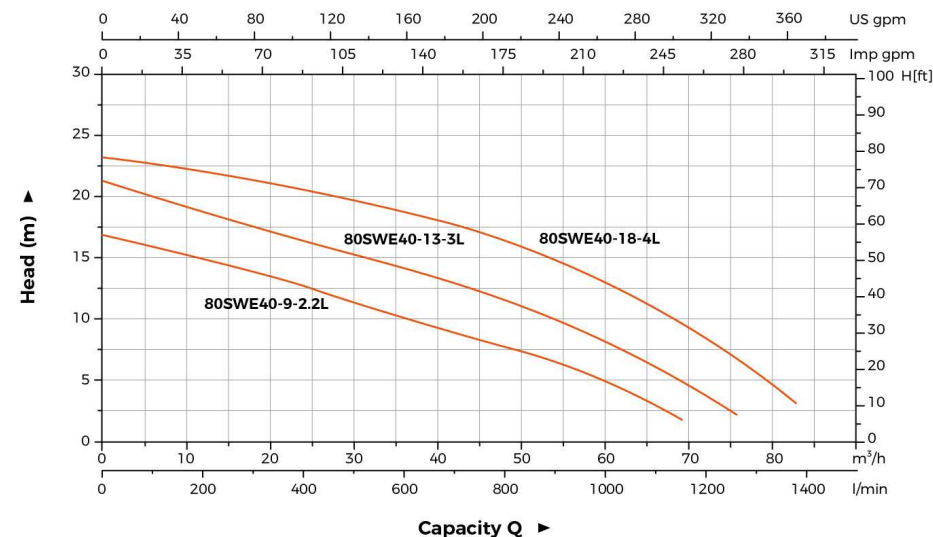
Technical Data

Model	Diameter		Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
	mm (inch)		kW	HP	m³/h	m³/h	m	m	mm
80SWE40-9-2.2L	80(3")		2.2	3	40	69.5	9	17	30
80SWE40-13-3L	80(3")		3	4	40	76	13	21	30
80SWE40-18-4L	80(3")		4	5.5	40	83	18	23	30

Dimension

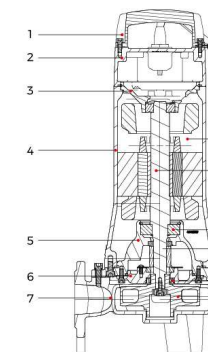
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	M (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)	D1 (mm)	D2 (mm)
80SWE40-9-2.2L						557		494.5			
80SWE40-13-3L	265	223	112	160	16		86		80	150	19
80SWE40-18-4L						587		520.5			

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
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9	Oil seal	
10	Mechanical seal	Upper:SiC/Carbon Lower:SiC/SiC
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	CW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
80SWE40-9-2.2L	43.6	924	284	363	294
80SWE40-13-3L	54.4	874	284	363	316
80SWE40-18-4L	55.7	874	284	363	316