



Submersible Sewage Pump New Product ---LSW Series

Fashion | Efficient | Reliability

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01

Application

Domestic sewage, water discharge, farmland irrigation, aquaculture, building sewage, landscape fountain water, etc.

Are these problems bothering you?



Domestic sewage



City sewage



Manure wastewater



River wastewater

2 Application



Solve All Your Problems By One Pump



Farm Irrigation



Building Sewage



Domestic Sewage



Water Discharge

深圳汽车大世界 mycar168



Landscape Fountain



Wastewater Treatment



Sprinkler Irrigation



Aquaculture

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02

Feature

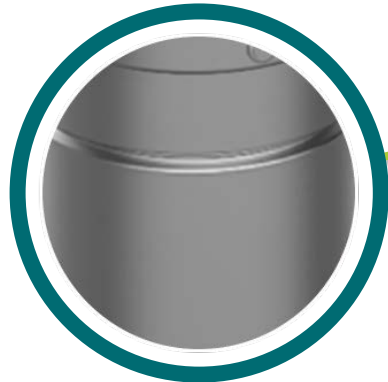
Stainless steel body, compact and beautiful, unique design fixed cable, all copper winding motor, strong power, unique and novel connection structure, exhaust valve design

1 Pump body \ Motor



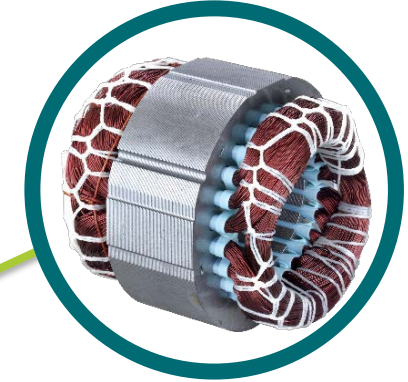
AISI304 Handle

- Ergonomic handle, feel comfortable



AISI304 Shell

- Compact and beautiful, well-designed, rust-proof and durable



Copper winding motor

- High efficiency , strong power
- Cold rolled steel sheet, low temperature rise, long service life
- Standard thermal protector for single-phase motors
- Insulation class : F

2

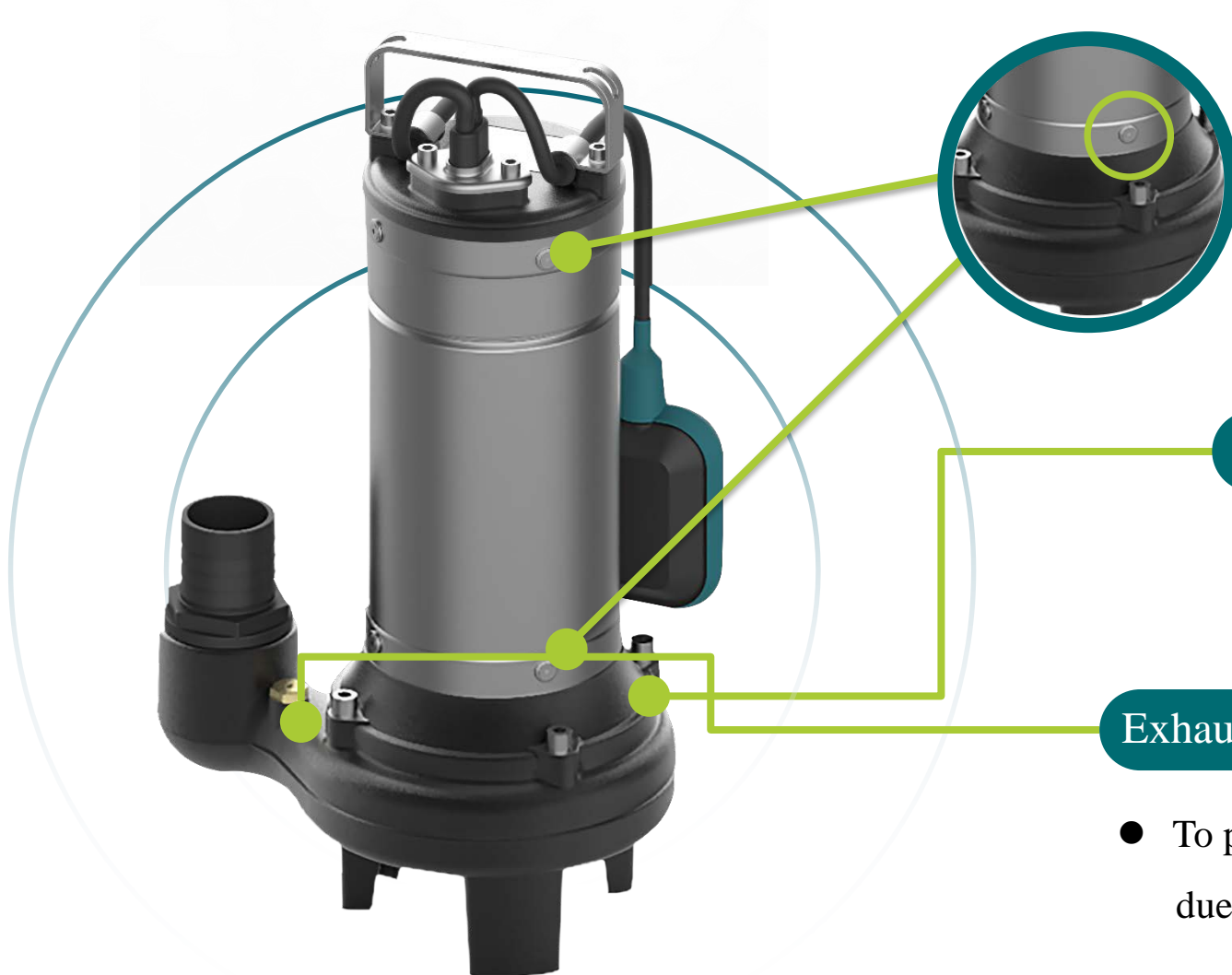
Cable assembly



Fixed cable with unique design

- Better fixing effect, effectively prevent the cable from being pulled out
- Good waterproof

3 Connection structure



Unique connection structure

- The new connection design, secured by rivets and screws , more reliable

Anti-rust process

- Special anti-rust treatment on casting surface
- Wear and corrosion resistance

Exhaust valve design

- To prevent the pump from not venting water or less water due to the undischarged air in the pump

4 Cutting blade

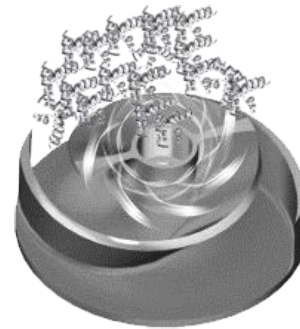
Basic model



Two-channel impeller

- Efficient impeller design
- High pass ability

Cutting Model



High efficiency spiral cutting impeller

- Powerful cutting



Fixed cutting blade

- High hardness , High wear resistance
- Prevent blockage and winding

03

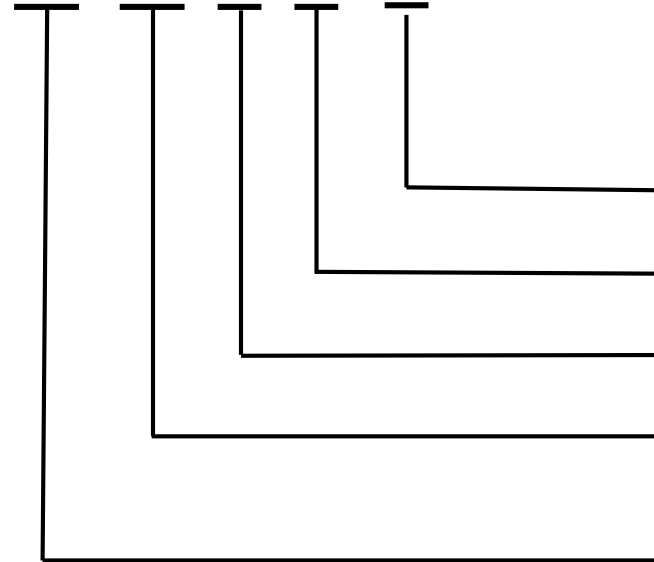
Technical data

The LSW products performed better at the same power, improving performance by at least 20%.

1 Identification Codes



LSW m 25 C A



Automatic Operation with Float Switch

Cutting Blade

Power(HPx100)

Single Phase Motor
(Omitted for three-phase motor)

Sewage Submersible Pump

2 Technical data

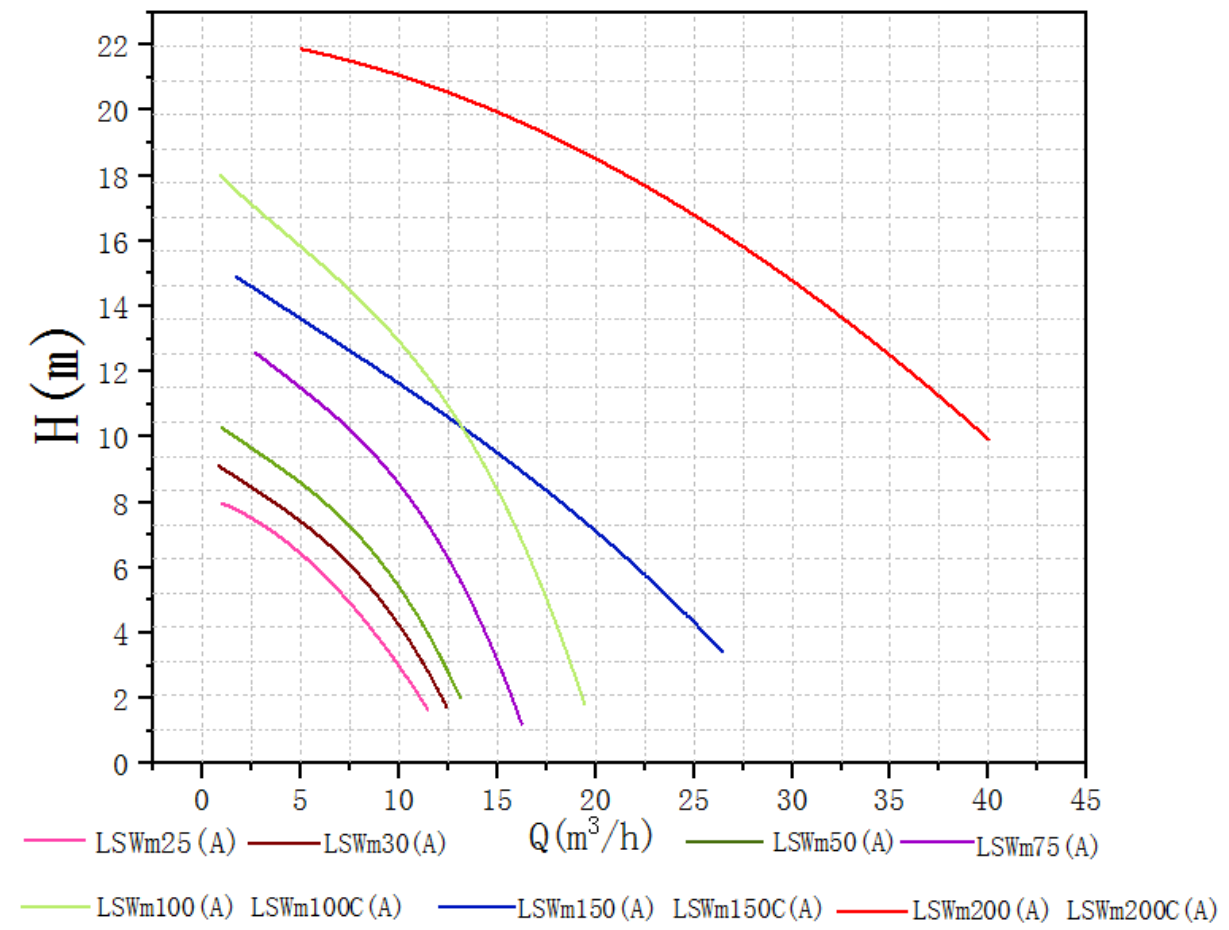
| Model | Power | | Voltage/Frequency | Outlet | Q.Max | H.Max | Max.dia. of praticle |
|-----------|-------|------|-------------------|--------|-------|-------|----------------------|
| | Kw | HP | V/Hz | | m³/h | m | mm |
| LSWm25A | 0.18 | 0.25 | 180-220/50 | G1.5 | 11.5 | 8.5 | 15 |
| LSWm30A | 0.25 | 0.37 | 180-220/50 | G1.5 | 13 | 9.5 | 15 |
| LSWm50A | 0.37 | 0.5 | 180-220/50 | G1.5 | 13.5 | 11 | 20 |
| LSWm75A | 0.55 | 0.75 | 180-220/50 | G2 | 16.5 | 14 | 25 |
| LSWm100A | 0.75 | 1.0 | 180-220/50 | G2 | 20 | 18 | 25 |
| LSWm150A | 1.1 | 1.5 | 180-220/50 | G2 | 27 | 14.5 | 30 |
| LSWm200A | 1.5 | 2.0 | 180-220/50 | G2 | 40 | 15 | 30 |
| LSWm100CA | 0.75 | 1.0 | 180-220/50 | G2 | 15 | 13 | / |
| LSWm150CA | 1.1 | 1.5 | 180-220/50 | G2 | 26.5 | 15 | / |
| LSWm200CA | 1.5 | 2.0 | 180-220/50 | G2 | 21 | 19.5 | / |

- Insulation class : F
- Protection class : IPX8

2 Technical data



Q-H



- Insulation class : F
- Protection class : IPX8

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3 Performance comparison



Current Range

VS



New Range

| M odel | | Power(kW) | | M ax.Flow (m ³ /h) | | M ax.Head (m) | | O utlet | | M ax.dia. ofpraticle (m m) | |
|-----------------|------------|------------|------|-------------------------------|------|----------------|------|---------|------|-----------------------------|-----|
| Current | New | Current | New | Current | New | Current | New | Current | New | Current | New |
| XSP8-7/0.18I | LSW m 25A | 0.18 | | 8 | 11.5 | 7 | 8.5 | G1.25 | G1.5 | 15 | 15 |
| XSP9-7.5/0.25I | LSW m 30A | 0.25 | | 9 | 13 | 7.5 | 9.5 | G1.25 | G1.5 | 15 | 15 |
| XSP12-8.5/0.45I | LSW m 50A | 0.45 | 0.37 | 12 | 13.5 | 8.5 | 11 | G2 | G1.5 | 25 | 20 |
| | LSW m 75A | | 0.55 | | 16.5 | | 14 | | G2 | | 25 |
| XSP18-12/0.75I | LSW m 100A | 0.75 | | 18 | 20 | 12 | 18 | G2 | G2 | 25 | 25 |
| XSP20-9/1.1I | LSW m 150A | 1.1 | | 20 | 27 | 9 | 14.5 | G2 | G2 | 35 | 30 |
| XSP16.2-22/1.5I | LSW m 200A | 1.5 | | 16.2 | 40 | 22 | 15 | G1.5 | G2 | 10 | 30 |

- The LSW products performed better at the same power, improving performance by at least **20%**.

3 Performance comparison



Current Range

VS



New Range

| M odel | | P ower(kW) | | M ax.Flow (m ³ /h) | | M ax.Head (m) | | O utlet | | M ax.dia. ofpraticle (m m) | |
|-----------------|-------------|-------------|------|-------------------------------|------|----------------|------|---------|-----|-----------------------------|-----|
| Current | New | Current | New | Current | New | Current | New | Current | New | Current | New |
| XSP14-7/1.1D | LSW m 100CA | 1.1 | 0.75 | 14 | 15 | 7 | 13 | G2 | G2 | / | / |
| XSP18-12/1.3D | LSW m 150CA | 1.3 | 1.1 | 18 | 26.5 | 12 | 15 | G2 | G2 | / | / |
| XSP26.4-10/1.8D | LSW m 200CA | 1.8 | 1.5 | 26.4 | 21 | 10 | 19.5 | G2.5 | G2 | / | / |

- The new LSW Range consumes **lower power** to reach the similar performance.

4 Materials Table



| Materials Table | |
|--------------------|-----------------------------------|
| Part | Material |
| Handle | AISI 304 |
| Top cover | HT200 |
| Upper cover | Aluminum |
| Shell | AISI 304 |
| Oil cylinder cover | HT200 |
| Pump body | HT200 |
| Impeller | AISI 304 |
| Shaft | AISI 304+45# |
| Mechanical seal | SiC+Graphite/ Ceramic+Graphite |
| Oil cylinder cover | HT200 |
| Connector | ABS |
| Cutting blade | AISI 304 |

5 Contact us





THANK YOU

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