

# PRODUCT SELECTION REPORT

**Model:QDX10-16-0.75LA**  
**Name:Submersible Pump**



**LEO GROUP PUMP CO.,LTD.**

2025.4.28

Project Name:

Personal Name:  
Company Address:

Company Name:

Website: www.leopump.com  
Company Name:

Product Model: QDX10-16-0.75LA  
LEO GROUP PUMP CO., LTD.

## Product Recommendations

Power(kW): 0.75      Flow(m<sup>3</sup>/h): 10      Head(m): 16

Based on provided information and product parameters, LEO PUMP recommends model:  
**QDX10-16-0.75LA**

## Introduction

### Application

Small electrical irrigation and drainage equipmentsParticularly applied in urban well water pumping, field irrigation anddrainage, garden irrigation and household water supply, as well asdrainage of industrial accumulated water, water supply and drainage forconstruction, livestock breeding, etc.

### Pump

Cast iron pump body under special anti-rust treatment;

Max. immersion depth: 5 m;

Max. liquid temperature: +40°C;

Liquid ph value: 6.5 - 8.

### Motor

Copper winding;

Built-in thermal protector;

Stainless steel welded shaft;

Insulation class: F;

Protection class:IP68.

## Product Parameters

### Nameplate

Pump flow rate(m<sup>3</sup>/h): 10  
Overall efficiency(%): 62.47

Total manometric head H(m): 16  
Speed(rpm): 3000

### Technical

Motor power(kW): 0.75  
Curve tolerance: GB/T 3216 Appendix A  
Maximum use flow(m<sup>3</sup>/h): 18

Pump power input(kW): 0.718  
Maximum lift(m): 19.5

### Material

|                     |       |                  |                       |
|---------------------|-------|------------------|-----------------------|
| Impeller:           | PPO   | Pump body:       | HT200                 |
| Cylinder head:      | HT200 | Chassis:         | ADC12                 |
| Upper bearing seat: | ADC12 | Mechanical seal: | Upper: Ceramic/Carbon |
| Up cover:           | ADC12 |                  |                       |

### Working conditions

|                                                                                             |     |                                          |                                       |
|---------------------------------------------------------------------------------------------|-----|------------------------------------------|---------------------------------------|
| Max. Particles Size(mm):                                                                    | 0.2 | Max. liquid density(Kg/m <sup>3</sup> ): | 1.0X10 <sup>3</sup> Kg/m <sup>3</sup> |
| Max. ambient temperature(°C):                                                               | 40  | Max. liquid temperature(°C):             | 40                                    |
| Max. immersion depth(m):                                                                    | 5   |                                          |                                       |
| Pumped medium:                                                                              |     |                                          |                                       |
| Normal temperature clean water, non corrosive (such as well water, river water, lake water) |     |                                          |                                       |

### Installation

|                      |          |  |                        |
|----------------------|----------|--|------------------------|
| Pipe Diameter(mm):   | G1.5(50) |  |                        |
| Connection standard: |          |  | Water outlet connector |

### Motor

|                    |              |                        |      |
|--------------------|--------------|------------------------|------|
| Motor phase:       | Single phase | Protection class:      | IP68 |
| Motor poles:       | 2            | Insulation class:      | F    |
| Frequency(Hz):     | 50           | Rated voltage(V):      | 220  |
| Rated current(A):  | 5.2          | Power factor:          | 0.85 |
| Drive end bearing: | 6203         | Non-drive end bearing: | 6202 |
| Efficiency(%):     | 66.5         | Starting current(A):   | 63   |

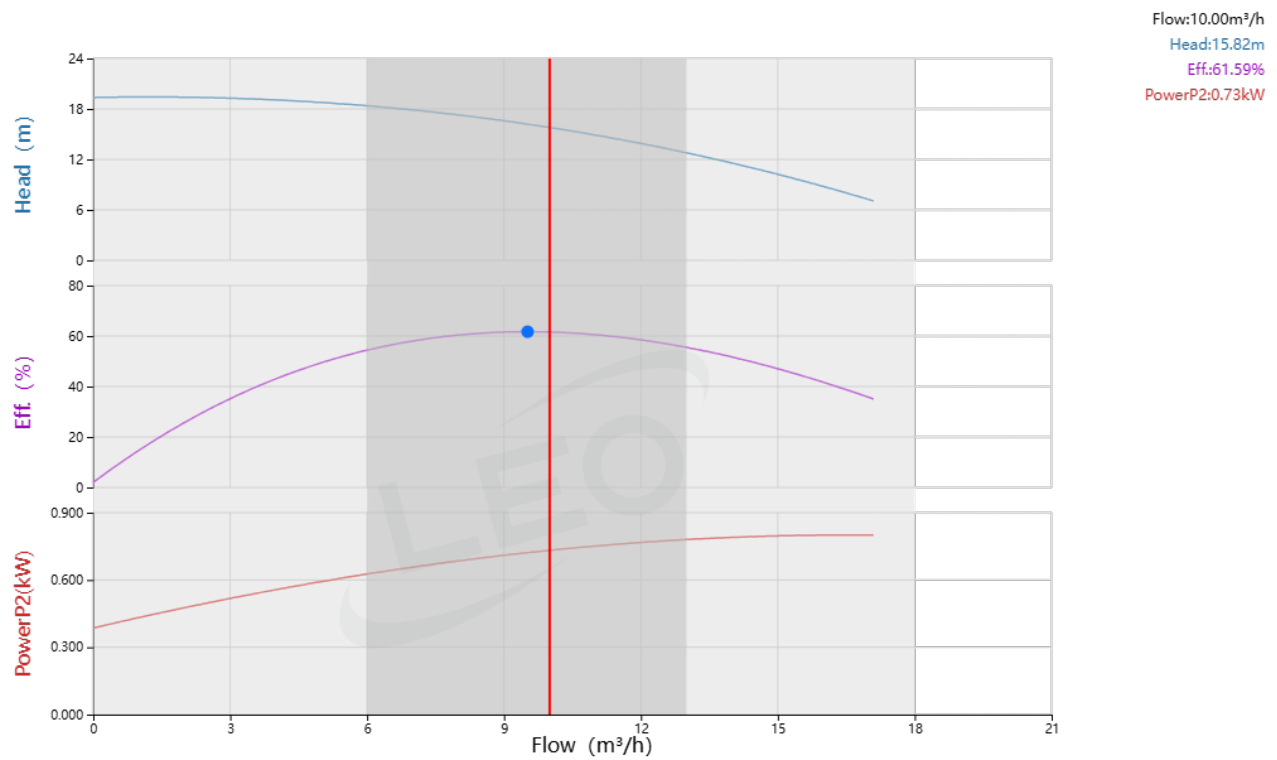
### Weight/Packaging

|                   |      |                   |             |
|-------------------|------|-------------------|-------------|
| Gross weight(kg): | 11.5 | Package size(mm): | 415*230*205 |
|-------------------|------|-------------------|-------------|

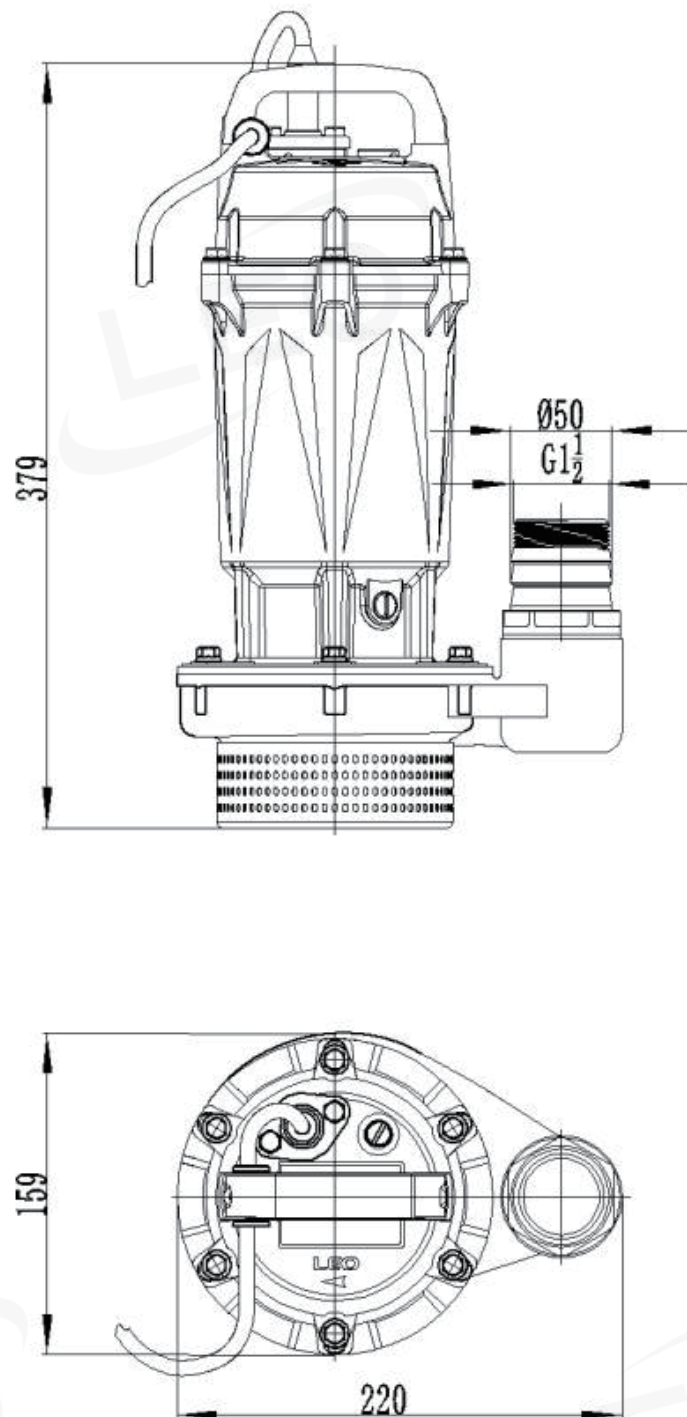
### Area Range Parameters

|                                             |      |                                             |     |
|---------------------------------------------|------|---------------------------------------------|-----|
| Max Q(m <sup>3</sup> /h):                   | 18.0 | Allowable Minimum (m <sup>3</sup> /h):      | 0.0 |
| Allowable Maximum (m <sup>3</sup> /h):      | 18.0 | Min Value Optimal area (m <sup>3</sup> /h): | 6.0 |
| Max Value Optimal area (m <sup>3</sup> /h): | 13.0 |                                             |     |

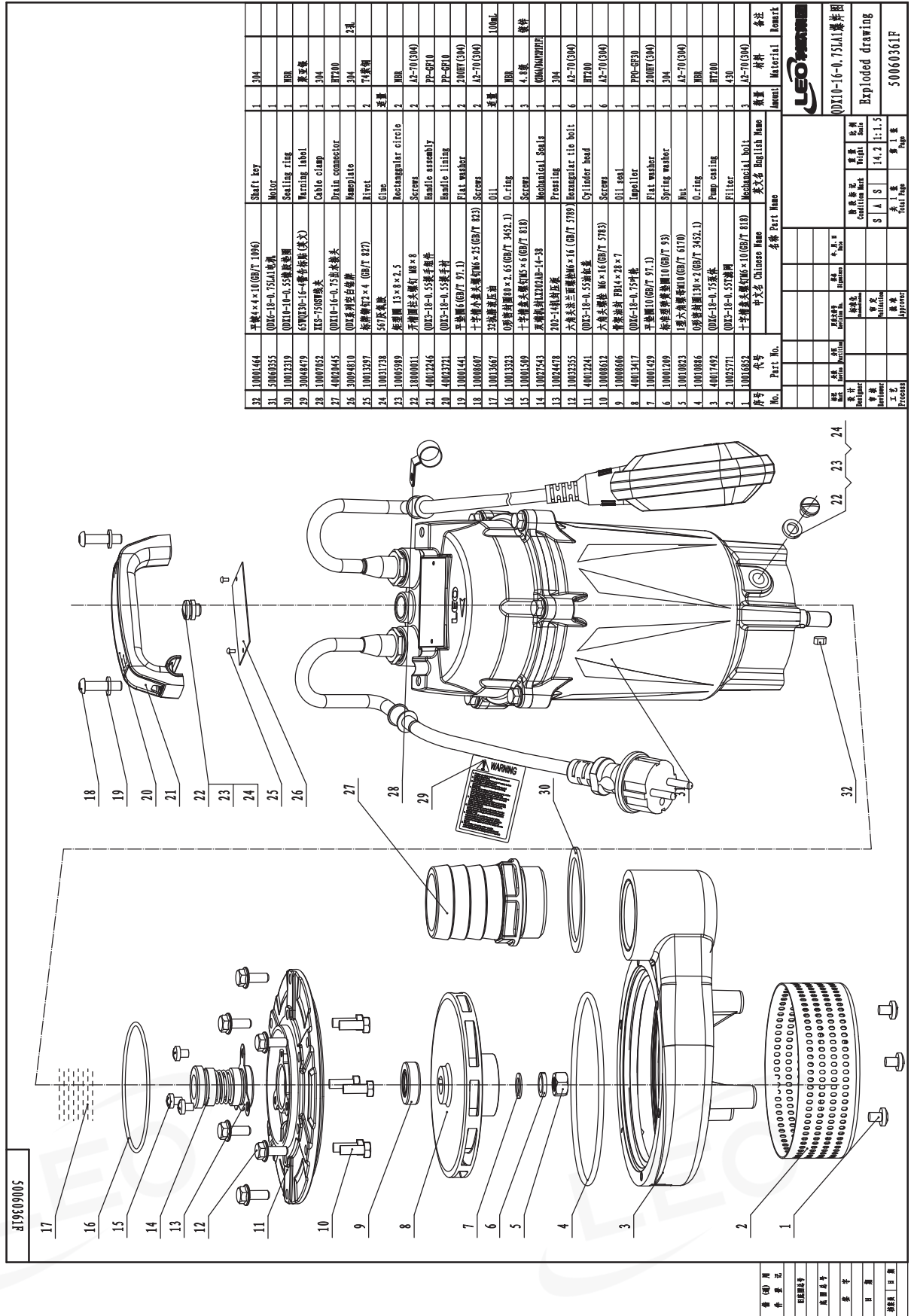
## Performance Curve



## Shape & Size



# Exploded View





## LEO PUMP GROUP CO.,LTD.

📍 Headquarter Address:  
No.505,23rd Street,Qiantang District,Hangzhou,Zhejiang,310020, P.R.China

Base Address:  
No.1,3rd Street,East Industry Center, Wenling,Zhejiang,317511,P.R.China  
No.9 Jiuhua Road,Jiuhua Eco-Tec Development Area,Yuhu District,Xiangtan,Hunan,411202,P.R.China  
No.19 Changshun Road,Changcheng Street,Lushunkou District,Dalian,Liaoning,116049,P.R.China

🌐 [www.leopump.com](http://www.leopump.com)      ✉ [export@leopump.com](mailto:export@leopump.com)

☎ +86-576-8998 6556      📠 +86-576-8998 9898

\* LEO reserves all the right of products modification without prior notification



Exploring More by Scanning!