

**ADELINO**  
WATER PUMPS

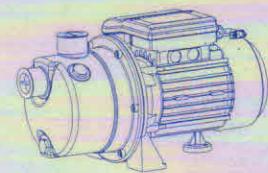
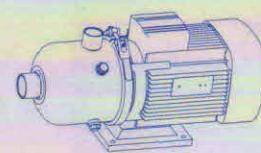
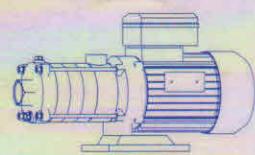
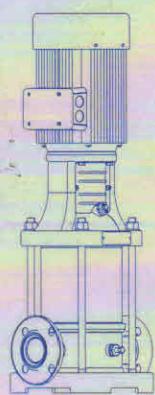
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**AQUANOMICS**

**ADELINO Technology · Globe Service**

**MANN**

**PRODUCTS MANUAL**



**High Efficiency · High Reliability**

## PLD ECONOMICAL VERTICAL MULTISTAGE PUMP

### • MODEL INSTRUCTION •

PL (D) 2 - 2

- Number of pump stages
- Rated flow
- Single phase (three phase not marked)
- Vertical multistage centrifugal pump

PLD



### • PERFORMANCE RANGE •

- max lift: 153 m;
- Max flow: 4m³ / h;

### • CONDITIONS •

- The temperature of the medium does not exceed +60 ° C;
- The ambient temperature does not exceed +40 ° C;
- The PH value of the medium is between 6.5 and 8.5, the volume ratio of solid impurities in the medium is ≤0.1%, and the particle size is ≤0.2mm.
- The maximum working pressure is 15 bar;
- The highest altitude is 1000m;

### • APPLICATION •

The product has the characteristics of high cost performance, low flow rate, high lift and low noise. It is widely used in high-rise building water supply and drainage, water plant filtration and transportation, pipeline pressurization system, equipment supporting and other occasions.

### • STRUCTURAL MATERIAL •

- pump seat / coupling / back cover / inlet pipe: cast iron;
- Axis: 304+45 friction welding;
- impeller / guide vane: PPO + GF30
- Case: YL102
- pump barrel: 304
- junction box: ABS
- mechanical seal: silicon carbide / graphite / nitrile rubber;
- Bearing: 6305-2RS / human, 6204-2RS / human, contact sealed;
- Motor: 2-pole asynchronous motor, copper coil, fan cooling, continuous operation.
- protection level: IP 55;
- Insulation class: F.

## VERTICAL MULTI-STAGE CENTRIFUGAL PUMPS



BL2



BLT



BL8



BL

## STAINLESS STEEL PUMP



Available both single phase and three phase

### APPLICATION FIELDS

- Water treatment
- Commercial buildings
- Industrial liquid delivery
- Water supply
- Liquid transfer
- Irrigation

### PRODUCT FEATURES

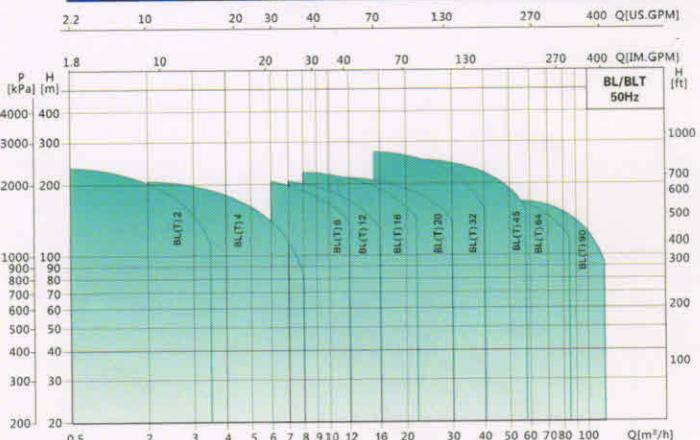
It adopts the premium hydraulic model and advanced technique process to improve the performance and service life of the pump.

The flow passage components are made from stamping-welded stainless steel to pump slightly corrosion medium.

The pump is compact structure, small, light, less noisy, energy-saving and easy to maintain.

The intelligent protector can be equipped based on the user's need to protect the pump from dry running, default phase and over loading.

### TECHNICAL DATA



### Product Range

| Model               | BL(T)2             | BL(T)4             | BL(T)6         | BL(T)12        | BL(T)16        | BL(T)20        | BL(T)32 | BL(T)45 | BL(T)64 | BL(T)90 |
|---------------------|--------------------|--------------------|----------------|----------------|----------------|----------------|---------|---------|---------|---------|
| Rated Flow (m³/h)   | 2                  | 4                  | 8              | 12             | 16             | 20             | 32      | 45      | 64      | 90      |
| Flow Range (m³/h)   | 1~3.2              | 1.5~6              | 5~11           | 7~14           | 8~20           | 10~26          | 16~36   | 25~50   | 30~70   | 50~100  |
| Max. Pressure (bar) | 23                 | 21                 | 21             | 22             | 23             | 23             | 28      | 30      | 23      | 17      |
| Motor Power (kW)    | 0.37~3             | 0.37~4             | 0.75~7.5       | 1.5~11         | 2.2~15         | 2.2~18.5       | 3~30    | 5.5~45  | 7.5~45  | 11~45   |
| Max. Efficiency (%) | 46                 | 57                 | 62             | 63             | 66             | 69             | 73      | 75      | 76      | 77      |
| DIN Flange          | DN25               | DN32               | DN40           | DN50           | DN50           | DN50           | DN65    | DN80    | DN100   | DN100   |
| Pipe Thread         | R <sub>2</sub> 1/4 | R <sub>2</sub> 1/4 | R <sub>2</sub> | R <sub>2</sub> | R <sub>2</sub> | R <sub>2</sub> |         |         |         | *       |