

**MADE FROM  
STAMPING-WELDED  
STAINLESS STEEL**

# BL(T)

## Stainless steel pump



Light-type Stainless Steel Vertical Multistage Centrifugal Pump

### Product Introduction

Light-type stainless steel vertical multistage centrifugal pumps such as BL(T)2, BL(T)4, BL(T)12, BL(T)16, BL(T)20, BL(T)32, BL(T)45, BL(T)64, BL(T)90, series are non-self priming pumps absorbing the advanced technology from home and abroad. They adopt standard vertical motor and alloy mechanical seal, which makes the replacement more convenient. The overflowing part is made from stainless steel, applicable for light-corrosion medium, Relying on the high efficiency, energy saving performance, reliable quality, wide usable range, our products receive the great popularity after they have been launched.

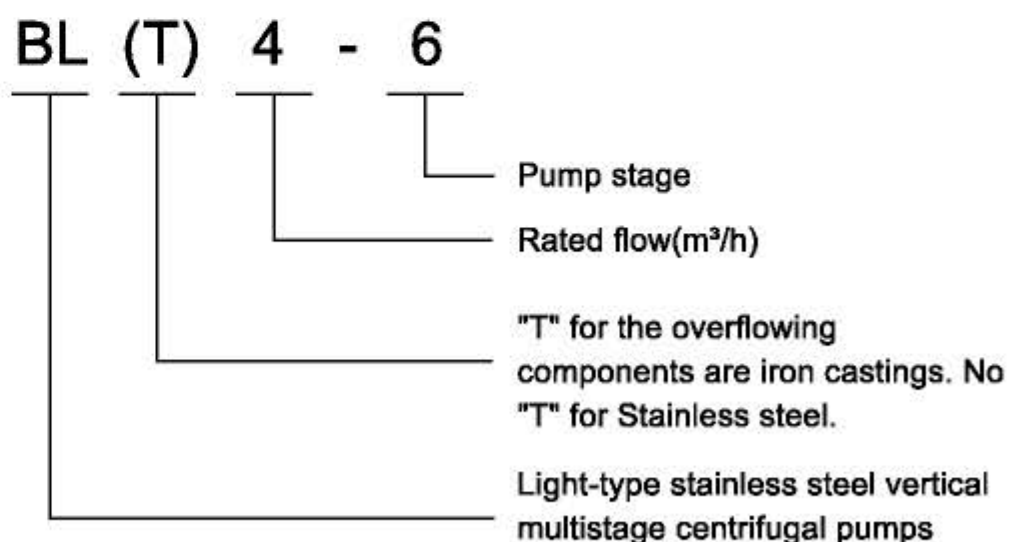
### Feature

The premium hydraulic model and advanced workmanship greatly improve the pumps' performance and extend the service life.  
 Adopting hard alloy and fluorine rubber for the mechanical seal, which ensures the pumps' reliable operation and endures high temperature of transmission medium.  
 As the flow passage component of pump is stamped and welded by stainless steel plate, which is suitable for slightly aggressive liquids.  
 Compact design, small size, light weight, low noise, excellent energy saving performance, easy to maintainance.  
 Inlet and outlet of the pump stand in the same line with pump base, which can be used directly in the pipelines.  
 Clients can allocate the motor based on their own needs.  
 We provide intelligent protector to avoid dry running, default phase and over loading of the pump to meet customers' demand.

### Working Conditions

Liquid temperature: Normal type 0°C-+68°C, hot water type 0°C-+120°C  
 Ambient temperature: -15°C-+40°C  
 The maximum working pressure: 3.0 Mpa  
 When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power.  
 Transmission Medium  
 Thin and clean non-flammable and non-explosive liquid without solid particle or fibers.  
 Mineral water, softened water, pure water, edible vegetable oil and other light chemical mediums.  
 The main material of pump is stainless steel, which is suitable for slightly aggressive liquids.

### Model Instructions



## Application

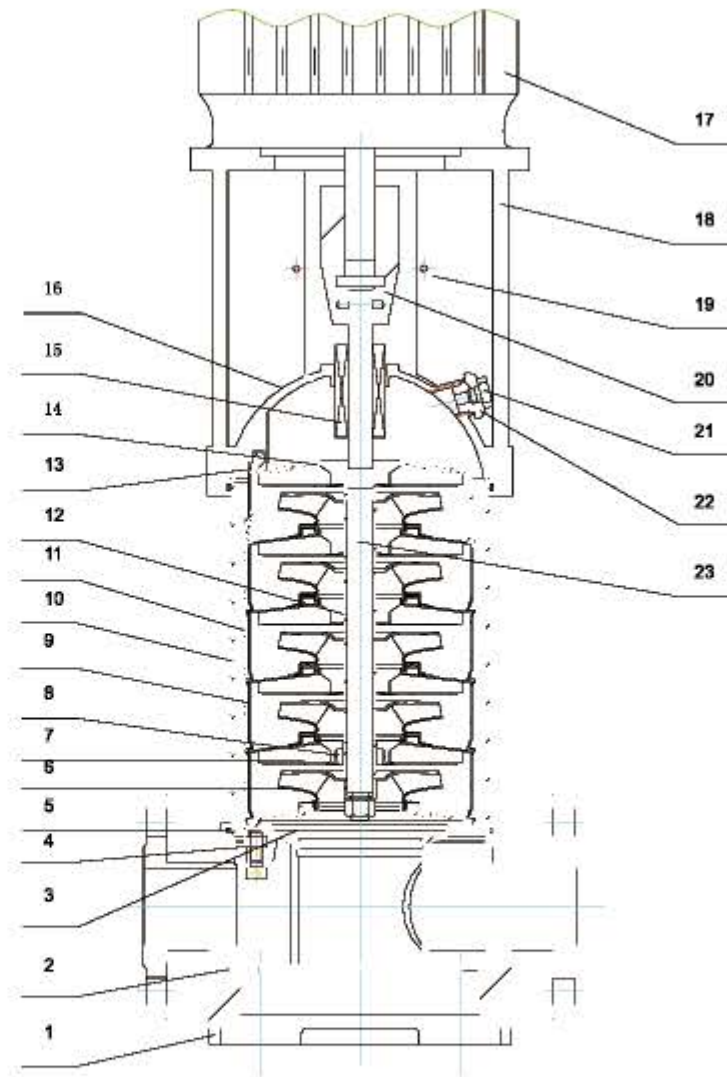
Water supply: water filtering and water delivery in water plants, water delivery for sub-water plants, pressure boost in main pipelines and in high-rise buildings.

Industrial pressure boost: flow water system, cleansing system, high-pressure washing system, fire extinguishing system.

Industrial liquid delivery: cooling and Air-conditioning systems, boiler water supply, condensation system, machine tool, transmission of the acid and alkali mediums.

Water treatment(Water purification):ultra-filtration system, reverse osmosis system, distillation system, water treatment system for separator and swimming pool.

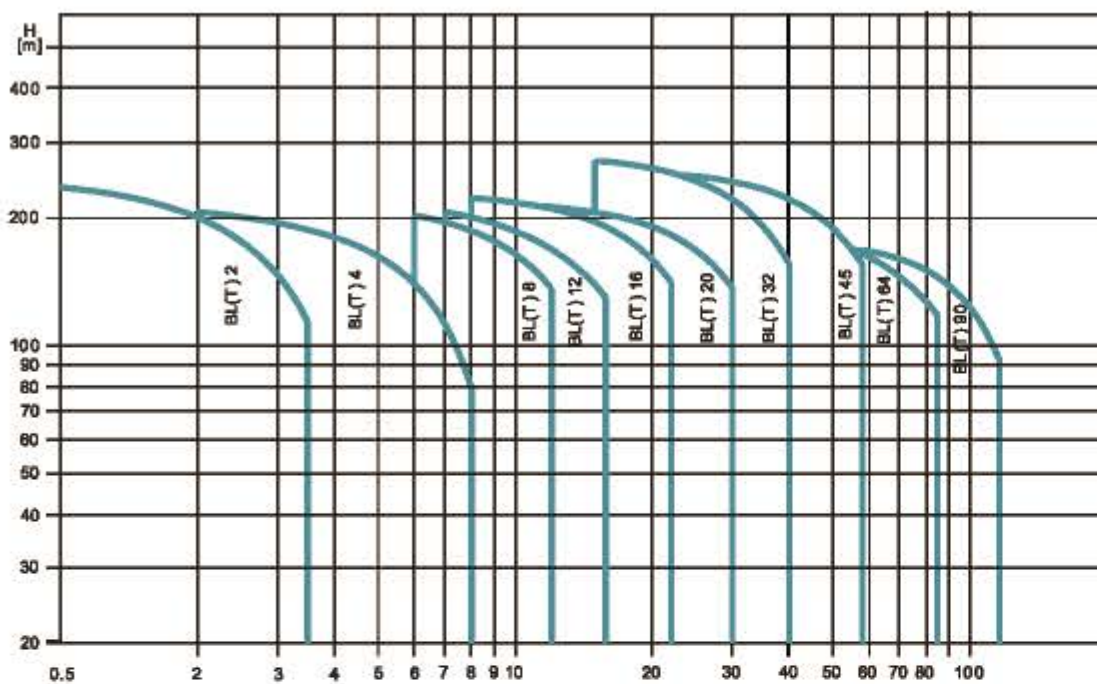
Irrigation: irrigating of crops, spray irrigation and drop irrigation.



## Performance Curve

BL(T)

50HZ



No.		
1	Base	Cast iron
2	Pump base	Stainless steel
3	Inlet fluid director	Stainless steel
4	Lining	Stainless steel
5	'O' ring	Fluorine rubber
6	Impeller	Stainless steel
7	Fluid director with bearings	Stainless steel
8	Bearing	Hard alloy
9	Fluid director	Stainless steel
10	Outer cylinder	Stainless steel
11	Draw plate	Stainless steel
12	Round set	Stainless steel
13	Pressure tight screw	Fluorine rubber
14	Outlet fluid director	Stainless steel
15	Mechanical seal	Hard alloy • Fluorine rubber
16	Ball-shaped lining	Stainless steel
17	Motor	Standard vertical motor
18	Motor base	Cast iron
19	Protection blade	Stainless steel
20	Coupling	Cast steel (powder metallurgy)
21	Adjustable bolt	Stainless steel
22	Plug	Stainless steel
23	Pump shaft	Stainless steel