

# Elsumo

## BST Sludge Pump



**BST-6110**

### Features

1. Dry-type submersible pump. Overload protector is built-in to protect motor from over-heat and over-load.
2. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
3. Motor frame and casing are both made of stainless steel, and water-cooling jacket is designed for high efficiency of heat diffusion.
4. Stainless steel shaft is calibrated by dynamic balance test. Dual mechanical seal SIC/SIC are installed and dual oil seals are designed to raise dust-proof.
5. Impeller and agitator are both made of high chrome alloy steel (HCR) which produces high wear-resistance; impeller is also calibrated by dynamic balance test.
6. Pump housing and stress eliminating plate are both made by high wear-resisting cast iron; a innovative design of pump housing and mechanical seal lid to reduce flow stress and last the life of seals longer.

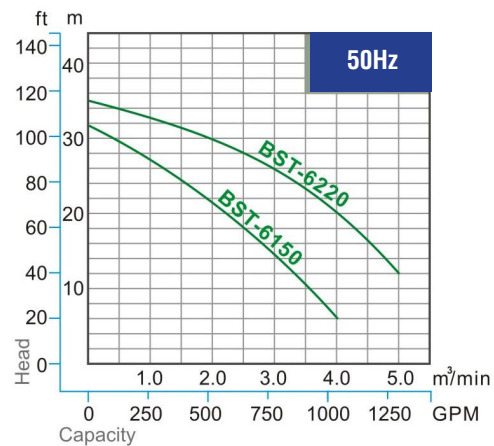
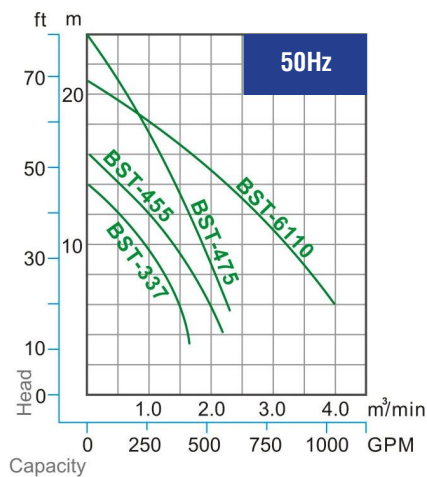
### Applications

Habor, river, construction, sludge and sand drainage.

Civil engineering, subway, waste water drainage of building construction.

Concrete, cement factory and waste water of kiln.

processing center and treatment of industrial waste water.



### Specifications

Model	Output Hp(kW)	Outlet Diameter inch	Phase $\phi$	Pole	Standards		Free Passage mm	Max Diameter mm	Height mm	Weight kg
					Head m	Capacity m³/min				
BST-337	5 (3.7)	3"	3 $\phi$	4	10	0.9	22	420	820	110
BST-455	7½ (5.5)	4"	3 $\phi$	4	12	1.0	25	420	820	120
BST-475	10 (7.5)	4"	3 $\phi$	4	17	1.0	35	420	840	130
BST-6110	15 (11)	6"	3 $\phi$	4	15	2.0	35	570	1100	240
BST-6150	20 (15)	6"	3 $\phi$	4	18	2.5	35	565	1100	265
BST-6220	30 (22)	6"	3 $\phi$	4	20	4.0	35	578	1325	410