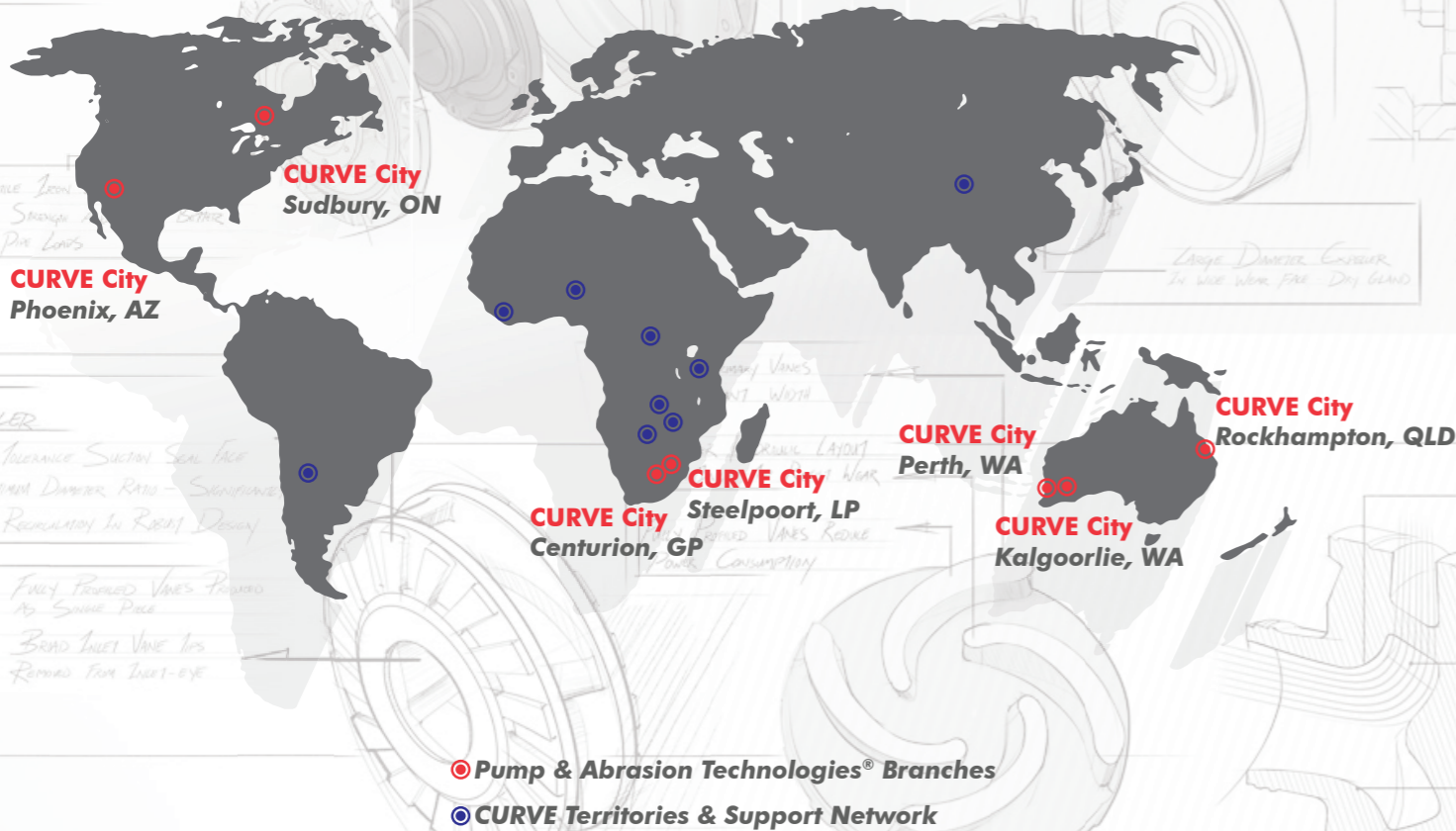


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SUBMERSIBLE RANGE



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SUBMERSIBLES
 Text line 1
 Text line 2
 Text line 3

- HORIZONTALS
- VERTICALS
- SUBMERSIBLES**
- FLOW CORRECTOR
- CYCLONES
- WEAR LININGS
- SERVICES

Introduction

Pump & Abrasion Technologies[®] makes it its business to understand the customers' needs and requirements and offer them what they require, not what Pump & Abrasion Technologies[®] thinks the customers require. We work closely with our customers to understand their business so as to ensure that we become their business partners. Understanding the customer's business ensures that you anticipate their needs and positions you well to act before a problem occurs which might lead to a breakdown. Hence, the introduction of our Battlesub range enhances our repertoire with our customers.

We offer pumps ranging from 1.5kw to 110kw (2hp to 148hp). Our pumps can be used in different applications such as Construction, Mines and Mines' bunting areas, Quarries, Coal Ore, Sewage Treatment Plants, General Industries and Ash Ponds in Power Stations. They are made of material relevant for each application to ensure suitability and longevity. Our pumps have proven themselves to work well in the Platinum, Gold and Diamond Mines. They are designed to work in harsh and abrasive conditions. Their material of construction ranges from cast iron to stainless steel. Furthermore, some larger pumps are offered with built-in intelligent control system as an option which results in energy savings. This Intelligent System protects the pump against reverse phase, open phase, impeller jamming and stops the pump in the event of overload and high temperature.



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Battlesub (BS) & Battlesub Stainless Steel (BSS)

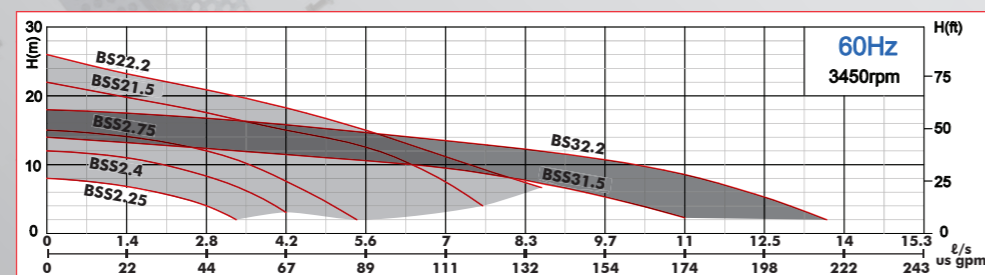


Description:

BS/BSS is a submersible drainage pump designed to handle dirty water. It offers compact design, high performance and exceptional durability for handling abrasive liquid. Widely used in general construction and civil engineering.

Applications:

- Construction
- Quarries
- Sewage Treatment Plants
- General Industries
- Mines
- Coal Ore



Value-add:

This pump offers greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. It also comes with a semi open impeller made of high chrome alloy which, when matched with the wear plate (ductile iron), achieves superior life and durability.

Battlesub Drainage (BSD)

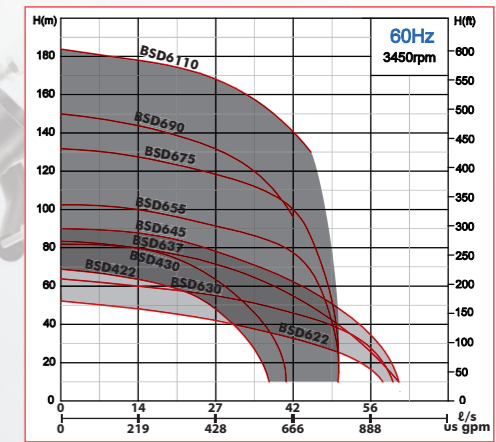


Description:

BSD is a dewatering pump made of hard chrome cast iron for long-lasting durability. It is capable of handling high-head dewatering applications.

Applications:

- Deep-well pre-dewatering
- Civil Engineering/Construction
- General Industries
- Mines
- Quarries
- Coal Ore
- Slurry



Value-add:

The pump can achieve a maximum capacity of up to 113L/s (1790USGPM) and a head of up to 184m (604ft). It comes standard with a 20m (66ft) electrical cable. It can handle water temperature of up to 40°C (104°F).

Battlesub Sand (BSN)

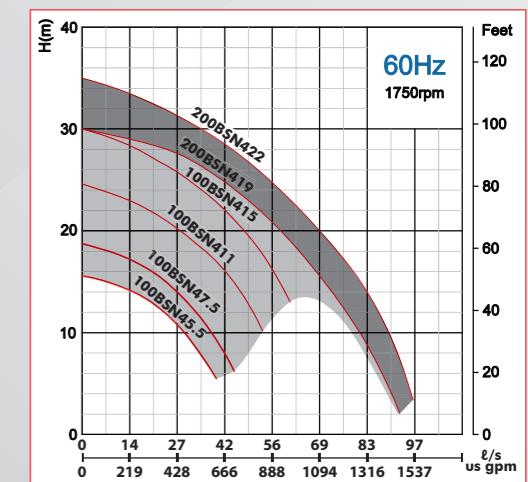


Description:

BSN is a submersible pump designed for harsh environment, sites pumping solids and other abrasive material. It offers high durability, reliability and ease of serviceability.

Applications:

- Underwater sand extraction, Cleaning up sedimentation & sedimented tanks.
- Silt water
- Mine surface drainage
- Sewage water containing quartz sand, slime, sludge and other abrasive materials



Value-add:

This pump is equipped with Class F insulated 4-Pole motor, high wear-resistant mechanical seal as well as heavy-duty semi-open high wear resistant alloy impeller (chrome). The pump is fitted with an Agitator to ensure that sediments at the bottom of the water are stirred into suspension form and then be drawn or sucked into the inlet to be discharged. Our BNS range comes with an Agitator, a distinctive feature, which differentiates it from the competitor's products. The Agitator breaks down bigger particles to smaller sizes that can go through the pumps' wet-end and not clog the pump.

Battlesub BSZ

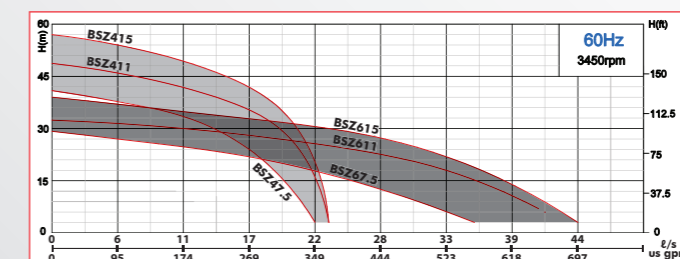


Description:

BSZ is a robust pump with the body motor and pump made of rigid cast iron for durability. It offers greatly increased maximum submersion depth due to mechanical seal resistant to high pressure.

Applications:

- Construction/Civil Engineering
- Mines
- Quarries
- Coal Ore
- Sewage Treatment Plants
- General Industries



Value-add:

This pump comes standard with a semi open impeller made of high chrome alloy which when matched with the wear plate made of ductile iron, achieves superior life & durability. Effective motor cooling is achieved through the cast discharge channel which is part of the motor housing. The motor is hermetically sealed and equipped with built-in thermal protection for power ratings under 15kW (20hp).