



Our Unrivalled Service Excellence

You don't need another supplier, you need an invested partner. A singular focus on the customer is what sets us apart from any other company. We pride ourselves on delivering unparalleled, before and after sales services. Our global stock holding models, team of pump system specialists, industry-leading products and longstanding client relationships ensure we deliver unrivalled stock availability, client support, reconditioning and repairs.

- Optimization of your entire pump system
- Stock holding & spares storage
- 24/7 breakdown support, 365 days a year
- Reconditioning & repairs

The International Range Development

Intended specifically for heavy-duty abrasive applications, our International Range of slurry pumps are built to be durable, efficient, easy to maintain and affordable. Depending on the application requirement a choice of natural or synthetic rubber, high-chrome or ultra high-chrome, ceramic-lined materials, and polyurethane or acid-resistant polyurethane are on offered. These heavy duty slurry pumps are 100% interchangeable with your legacy pumps and range from 1/1.5 to 30/28 inches in size.

Design Features

IMPELLER

Front and rear shrouds have pump out vanes that reduce recirculation and seal contamination. Hard metal and molded elastomer impellers are completely interchangeable. Cast in impeller threads require no inserts or nuts. High efficiency and high head designs are also available.

BEARING ASSEMBLY

A large diameter shaft with short overhang minimizes deflection and contributes to long bearing life.

THROATBUSH

Wear is reduced and maintenance simplified by the use of tapered mating faces to allow positive accurate alignment during assembly and simple removal.

EXTERNAL CASING

Casing halves of cast or ductile iron with external reinforcing ribs provide high operating pressure capabilities and an extra measure of safety.

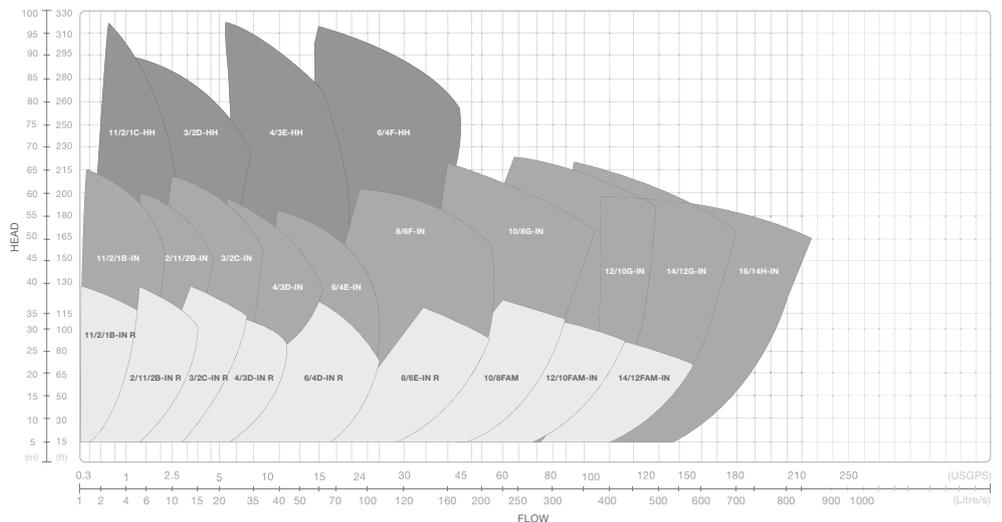
LINERS

Easily replaceable liners are bolted, not glued, to the casing for positive attachment and ease of maintenance. Hard metal liners are completely interchangeable with pressure molded elastomers. Elastomer seal rings back all liner joints.

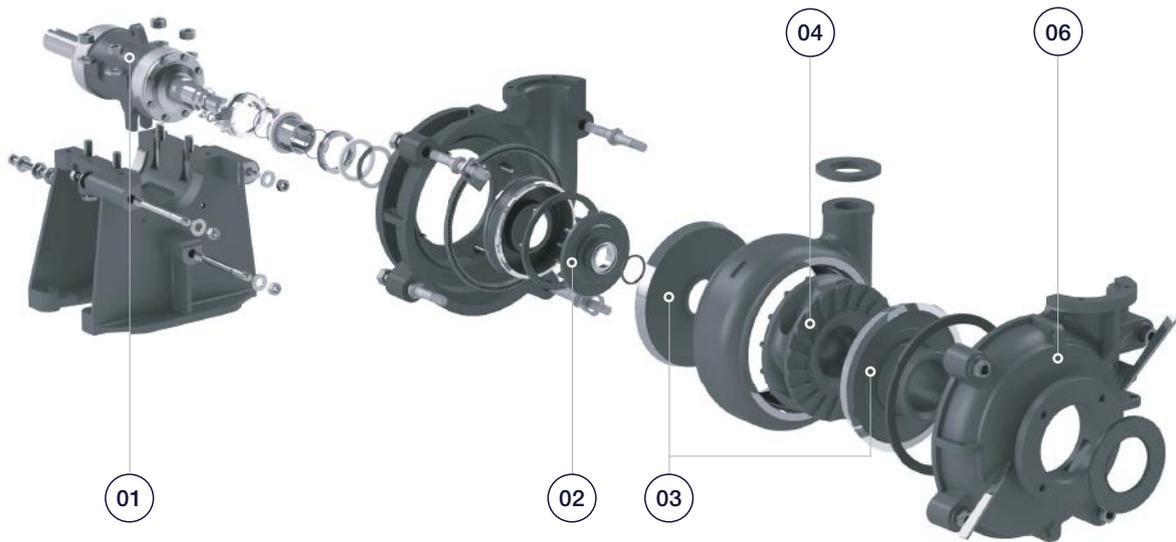
OUR FULL RANGE OF INTERNATIONAL PUMPS

Vertical Spindle (VS), Heavy Duty (IN), Quick Release (QR), Gravel Pump (G), Dewatering (PR), BattleStream® Water Pumps.

Flow Coverage Map



Exploded View & Features



Our International range of pumps are 100% interchangeable with your legacy pumps.

01 Bearing assembly & shaft

- The shaft has a short overhang to reduce shaft deflection and minimize vibration.
- A hardened shaft sleeve protects the shaft. Optional interchangeable heavy duty bearing assemblies.
- A one piece frame retains the bearing assembly. Impeller clearance set by adjusting the bearing assembly.
- Grease-filled piston rings prevent contaminant ingress into the bearing housing.

02 Centrifugal seal option

- No gland service water required.
- Reduced sleeve wear.
- Reduced bearing contamination or for conventional stuffing box and lantern restrictor arrangement, gland service water must be provided at a minimum of 1 bar above discharge pressure to ensure positive flow.

03 Removable liner

- Removable high-chrome, elastomer, ceramic and tungsten-coated liners can be independently replaced, minimizing maintenance costs.

04 Efficient enclosed impeller

- Maximized efficiency from enclosed impeller.
- Pump-out vanes on both shrouds minimize recirculation and reduce stuffing box pressure.
- Impellers are offered in a range of materials and specifically selected to optimize your application and reduce the TOC.
- Optional high-efficiency impeller.

06 Dual casing with radial split casing

- Easy disassembly of wet end.
- Optional high pressure construction.
- Removable liners are positively attached with fasteners.
- Interchangeable material options.

Elastomer-lined pump

Available in both rubber & polyurethane.



Wear material options

○ Liners

Standard: High-Chrome, Natural Rubber & Polyurethane.

Optional: High-Chrome variations, low pH Urethane & Ceramic.

○ Impellers

Standard: High-Chrome, Natural Rubber & Polyurethane.

Optional: High-Chrome variations, low pH Urethane Ceramic.

○ Glands

Standard: Stainless Steel.

Optional: Tungsten carbide coated solutions.

○ Shaft Sleeve

Standard: Packed gland stuffing, box or expeller seal.

Optional: Mechanical seal.

Speak To A Pump System Specialist

You don't need another supplier, you need an invested partner. Our business is built on the foundation of decades of earning our valued clients' and partners' trust, only made possible by consistently delivering unparalleled service excellence.

For more information visit pabtglobal.com

