DAE Pumps

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Clifton 237

Electric Submersible Pump

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CLIFTON 237

3.7KW / 5HP

Electric Submersible Pumps

The DAE Pumps Clifton 237 dewatering pump is designed for professionals demanding dewatering tasks in mining, construction, and industrial environments. The Clifton 237 is a durable and reliable pump that can handle even the most challenging dewatering tasks. With a powerful motor and sturdy construction, the Clifton 237 is built to last. The compact design of this portable dewatering pump is slim and features our ACrS technology. They are cost-effective solutions. Our company is the best resource for making your profits real.

Clifton pumps are designed for long-term operation, high performance, and simple maintenance. They have been proven reliable and durable in demanding applications such as construction, mining, and tunneling. In these challenging environments, Clifton pumps have excelled. Their versatility, maneuverability, and rugged construction have made them indispensable in various applications.

The compact design of this portable dewatering pump is slim, lightweight, and features the ACrS technology. This makes them reliable and cost-effective. The ACrS technology makes the pump more reliable by ensuring that the pump will start up quickly and easily. The technology also makes the pump more cost-effective and energy efficient.

Product Code	Clifton 237
Discharge Outlet	2 in (50 mm)
Shaft Speed	3450 RPM
Rated Output	5 Hp (3.7 kW)
Rated Head	89 ft (27 m)
Rated Flow	53 GPM (3.3 L/s)
Max Head	112 ft (34 m)
Max Flow	132 GPM (8.3 L/s)
Solid Passage	0.4 in (10 mm)
Diameter	Ø12 in (291 mm)
Height	25 in (625 mm)
Weight	134 lbs (61 kg)

SPECIFICATION

Product Code	Specification
Type	Electric Submersible Pumps
Phase	3-Phase
Classification	IP 68
Motor - Type - Poles - Insulation - Protector - Start Method	 Induction Motor 2 Pole Class F Circle Thermal Protector D.O.L.
Lubricant	Food Grade (ISO VG32)
Shaft Seal - Type - Desc.	 Double Mechanical Seal Silicon Carblide vs Ceramic / Carbon
Impeller Type	Opened

Product Code	Specification
Bearing	C3 Shielded Ball Bearings
Cable - Type - Length	 PVC (CSA Certified) / H07BQ-F 33ft (10m) or longer upon request
Materials - Pump Casing - Impeller - Motor Frame - Motor Shaft - Strainer	 Gray Iron Chromium Iron Stainless Steel Stainless Steel Stainless Steel
Max. Liquid Temp.	104 F (40 C)
Max. Sub. Depth	66ft (20m)
pH Range	pH 5 - pH 8

ELECTRIC SUBMERSIBLE PUMPS

With a compact, slim design and the patented ACrS technology, these wear-resistant, portable dewatering pumps provide reliable and economical solutions.

Waterlight Cable Entry

An anti-wicking block is used to prevent water from entering the cable. Each conductor is then stripped and sealed in epoxy. This block stops moisture from reaching the motor chamber when the cable's end is damaged or submerged.

Multi-Direction Discharge Coupling

The discharge can be switched between horizontal and vertical directions. A vertical discharge connection comes standard on pumps with 7.5 HP or more.

Motor Protector

The motor incorporates a circle thermal protector, which protects against overheating and dry-run.

Top Discharge and Double Housing Design

Designed to construct a water jacket that provides a maximum motor cooling effect for continuous operation at low water levels, this feature forms the cylindrical and slim shape of the pump. It enables the pump to be installed in confined spaces.

Submersible Motor

The air-filled motor, housed in a watertight casing, conforms to Class F insulation.

C3 Ball Bearings and Hardened SS Shaft

High-quality C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.

Double Mechanical Seals

Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide on the lower side, providing extra protection against leakage and dry-run.

Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

High Chrome Iron Impeller

Clifton's patent formula, ACrS Tech, is applied to all high chrome iron impellers. This technology increases wear resistance to particle abrasion.