

Amacan S – Submersible Motor Pump with Mixed-Flow Impeller

Industry

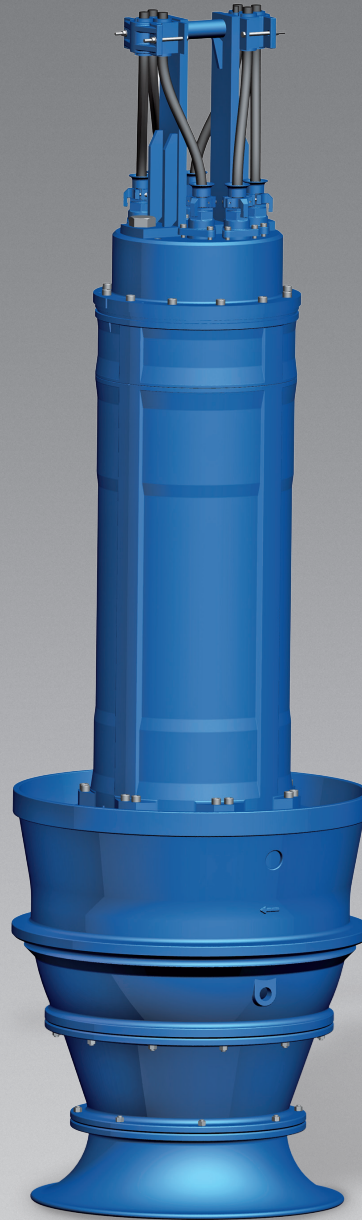
Water

Waste Water

Energy

Building Services

Mining



Applications:

- Irrigation and drainage pump stations
- General water supply duties
- Water pollution control, flood control and aquaculture

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Amacan S – Submersible Motor Pump with Mixed-Flow Impeller

1 Sturdy and energy efficient

Direct driven by three-phase air filled motor with optimum motor cooling for maximum energy efficiency.

2 Easy to install

The pump's own weight ensures self-centering in the discharge tube combined with the O-ring creates a water tight seal. No anchoring or anti-rotation elements makes for a quick installation and removal.

3 Economically efficient

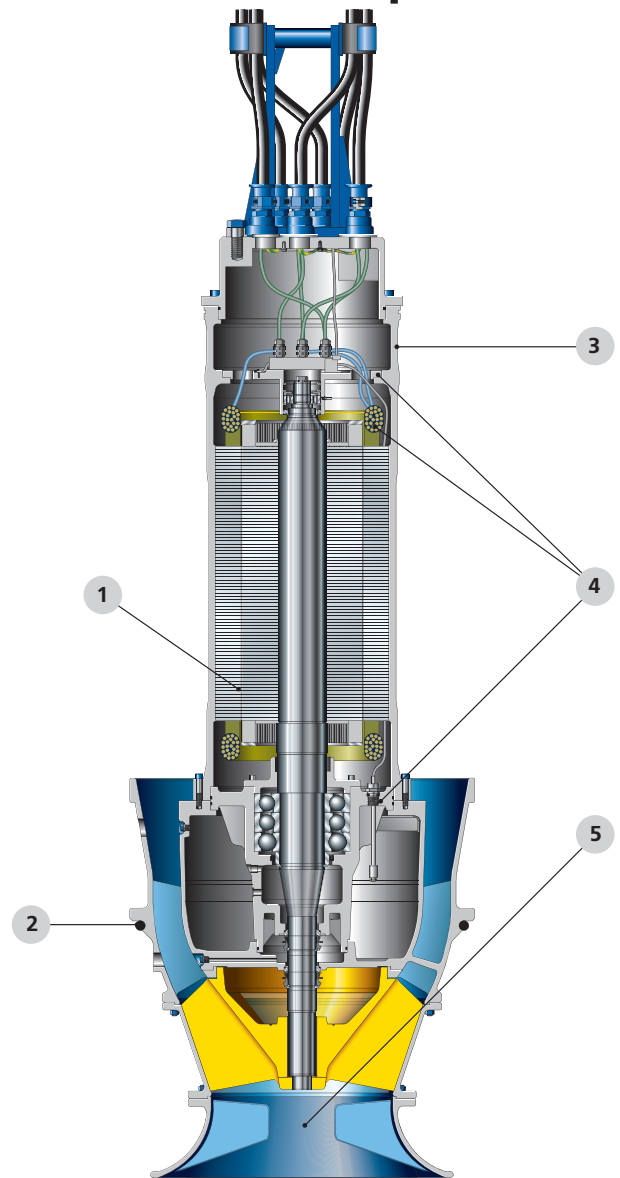
The slim motor minimizes discharge tube flow losses.

4 Reliable

Bearing temperature monitoring, thermal motor protection, leakage sensors in the motor, connection space, and leakage monitoring of the mechanical seal system.

5 Optimized hydraulics

Low-vibration hydraulic system, inlet ribs, and optimized bellmouth for vortex-free inflow.



Materials

Pump casing	A 48 Class 35 B
Motor housing	A 48 Class 35 B
Shaft	A 276 Type 420/A 276 Type 431
Impeller	Duplex stainless steel
Wear ring	Stainless steel
Screws, bolts and nuts	A 276 Type 316

Technical data

Flow rate	up to 50,000 gpm
Head	up to 132 ft.
Power	up to 570 hp
Fluid temperature	up to 104 °F



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