

Amacan P – Submersible Motor Pump with Axial Propeller



Applications:

- Irrigation and drainage pumping stations
- Stormwater pumping stations
- Raw and clean water pumps in waterworks and wastewater treatment plants
- Cooling water pumps in power stations and industry
- Industrial water supply
- Water pollution control, flood control and aquaculture

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1 Easy to install

No anchoring or anti-rotation elements; quick to install or remove. The pump's own weight ensures self-centering seating in the discharge tube, and an O-ring seals it in.

2 Trouble-free operation

Mechanical seal in tandem arrangement protects against fibrous material. Years of trouble-free operation due to liquid reservoir and high-quality wear-resistant seal face materials.

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 Hydraulically optimized

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

Materials

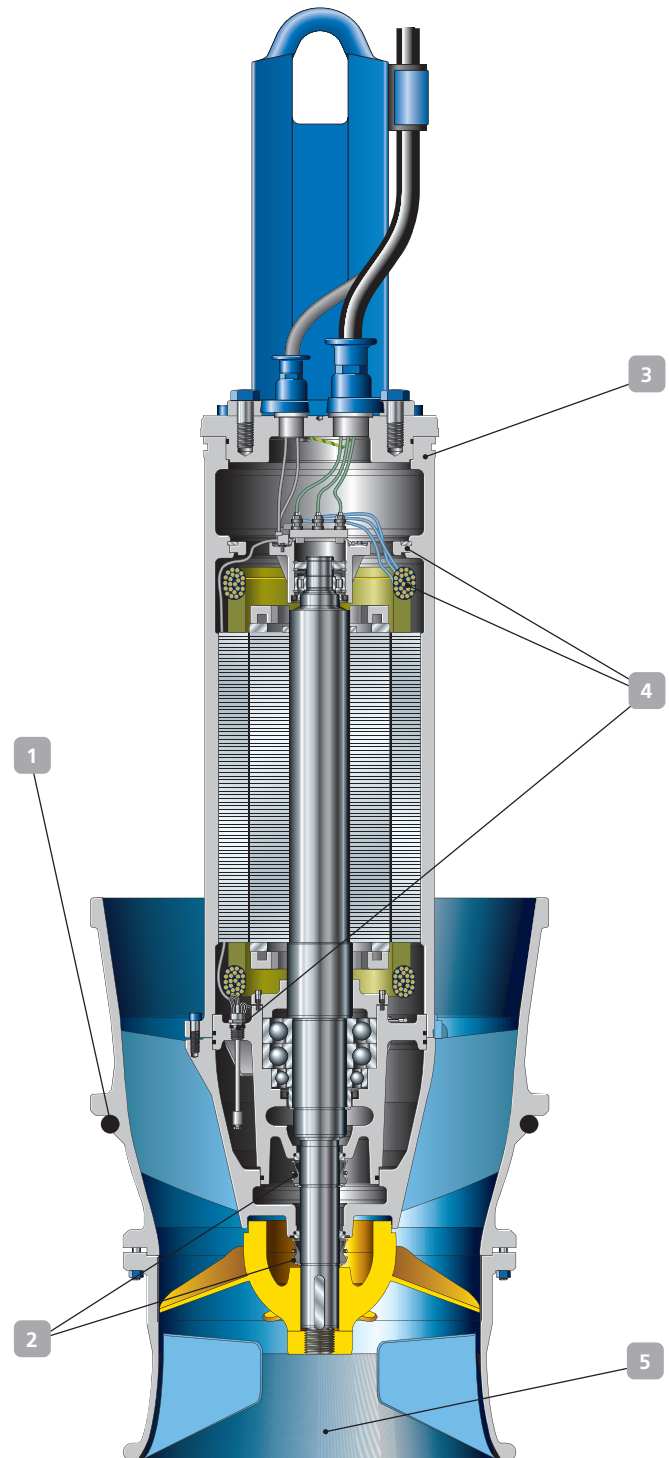
Pump casing	Grey cast iron
Motor housing	Grey cast iron
Shaft	A276 Type 420/431
Impeller	Duplex stainless steel
Wear ring	Stainless steel
Screws, bolts and nuts	Stainless steel

Technical data

Flow rate	*up to 70,000 gpm
Head	up to 40 ft.
Power rating	up to 725 hp
Fluid temperature	up to 104° F

Automation available

*Larger sizes up to 150,000 gpm & 900 hp available upon request



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