

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 waste water treatment plants
- Cooling water pumps in power stations and industry
- Industrial water supply
- Water pollution control, flood control and aquaculture

More information: www.ksb.com/products

Amacan P – Submersible Motor Pump with Axial Propeller

1 Easy to install

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

2 Trouble-free operation

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

3 Economically efficient

The slim motor minimises 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 optimised

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

Materials

Pump casing	Grey cast iron
Motor housing	Grey cast iron
Shaft	1.4021.05/1.0457.05
Impeller	Duplex stainless steel
Wear ring	Stainless steel
Screws, bolts and nuts	A 4

Technical data

Flow rate	up to 7,000 l/s
Head	up to 12 m
Power	up to 600 kW
Fluid temperature	up to 40 °C

Automation available

