

Amacan S – Submersible Motor Pump with Mixed-Flow Impeller



Applications:

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

More information: www.ksb.com/products

Intelligent monitoring



Amacontrol III – Protection Module
for Water and Waste Water Products

Amacan S – Submersible Motor Pump with Mixed-Flow Impeller

1 Robust and undemanding

Direct drive by three-phase motor and optimum motor cooling by fluid handled make for efficient power utilisation.

2 Easy to install

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

3 Economically efficient

The slim motor minimises discharge tube flow losses.

4 Reliable

Bearing temperature monitoring, thermal motor protection, leakage sensors in the motor and 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 3,000 l/s
Head	up to 40 m
Power	up to 425 kW
Fluid temperature	up to 30 °C
Automation available	

