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Pumps • Valves • Service



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.us.com

Amacan S – Submersible Motor Pump with Mixed-Flow Impeller

- 1 Sturdy and undemanding**
Direct drive by three-phase motor and optimum motor cooling by fluid handled make for efficient power utilization.
- 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 minimizes 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 optimized**
Low-vibration hydraulic system; inlet ribs and optimized bellmouth for vortex-free inflow.

Materials

Pump casing	A 48 Class 40 B
Motor housing	A 48 Class 40 B
Shaft	A 276 Type 420/A 276 Type 431
Impeller	A890 CD4MCU
Wear ring	Stainless steel (AISI 316)
Screws, bolts and nuts	Stainless steel

Technical data

Flow rate	up to 50,000 gpm
Head	up to 98 ft.
Power	*up to 500 hp
Fluid temperature	up to 104 °F

Automation available

* Larger sizes up to 570 hp available upon request

