

Amacan K

Submersible Pump in Discharge Tube



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|-------------------------------|-------------------------------|-----------------|
| • Irrigation pumping stations | • Stormwater pumping stations | • Flood control |
| • Drainage pumping stations | • Water pollution control | |
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AmaControl protection module for water and waste water products

More information
www.ksb.com/en-gb



Amacan K – Submersible Pump in Discharge Tube

Materials

Component	Material
Pump casing	Grey cast iron
Motor housing	Grey cast iron
Shaft	C-45 N
Impeller	Grey cast iron, stainless steel
Casing wear ring	Grey cast iron, stainless steel
Screws, bolts and nuts	A 4

Operating data

Characteristic		Value
Flow rate	Q [l/s]	≤ 1500
	Q [m³/h]	≤ 5400
Head	H [m]	≤ 30
Motor rating	P ₂ [kW]	≤ 320
Fluid temperature	T [°C]	≤ +40

Benefits

■ Robust and undemanding

- Direct drive by three-phase motor ensures a high level of power transmission.
- The motor is cooled by the fluid handled, providing reliable heat dissipation.

■ Easy to install

- The pump's own weight ensures self-centring seating in the discharge tube, sealed by an O-ring.
- No additional anchoring or anti-rotation elements are needed, making installation and removal much easier.

■ Economically efficient

- The slim motor design ensures extremely low flow losses in the piping.

■ Increased operating reliability

- Bearing temperature, motor temperature and leakage are monitored by integrated sensors.
- The mechanical seal system is equipped with a leakage monitoring system.

■ Flow-optimised hydraulic system

- The optimised flow passage ensures low vibration levels during operation.
- Inlet ribs and an adapted bellmouth provide a vortex-free inflow.

