

Amacan K Submersible Motor Pump with Non-clogging Impeller

Industry

Water

Waste Water

Energy

Building Services

Mining



Applications:

- Waste water, mixed water and activated sludge pumps in waste water treatment plants
- Irrigation and drainage pumping stations
- Stormwater pumping stations
- Water pollution control, flood control and aquaculture

Further information:

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Amacan K

Submersible Motor Pump with Non-clogging Impeller

1 Sturdy and energy efficient

Direct driven by three-phase air filled motor with optimum motor cooling for maximum energy efficiency.

2 Easy to install

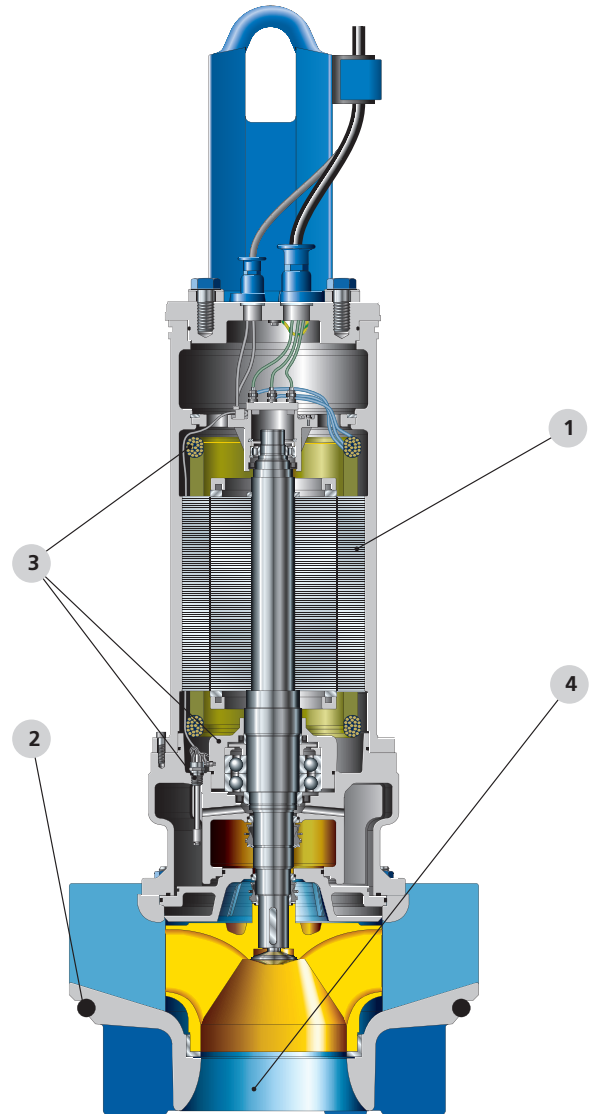
The pump's own weight ensures self-centering in the discharge tube combined with the O-ring creates a water tight seal. Quick installation and removal.

3 Reliable

Bearing temperature monitoring, thermal motor protection, and added motor protection with leakage sensor.

4 Optimized Hydraulics

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



Materials

Pump casing	A 48 class 40 B
Motor housing	A 48 class 40 B
Shaft	A 576 Gr. 1045/A 276 Type 420(1.4021)
Impeller	A 48 Class 40 B/A 890 CD 4 MCu
Wear ring	A 48 Class 40 B/AISI 329
Screws, bolts and nuts	Stainless steel

Technical data

Capacity	up to 22,000 gpm
Head	up to 80 ft.
Power	up to 350 hp
Fluid temperature	up to 104 °F
Submersion level	up to 100 ft



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