

# Ama-Porter® – Submersible motor pump

Industry    Water    Waste Water    Energy    Building Services    Mining

### Applications:

- Pumping all types of waste water
- Disposal of sludges and solids-laden fluids

Further information: [www.ksb.com/products](http://www.ksb.com/products)



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# Ama-Porter® – Submersible motor pump

## 1 High operating reliability

even under tough operating conditions, due to generously sized motor, thermal overload protection by temperature switch integrated in the winding, and encapsulated, water-tight motor design.

## 2 Safe connection

Plug-type connector, polarized to prevent incorrect insertion.

## 3 Service-friendly

right down to details: wetted bolts made of stainless steel. Easy to dismantle, even after years of operation.

## 4 Easy installation and removal

Automatic, bolt-free connection for stationary installation; leakage prevented by flexible sealing.

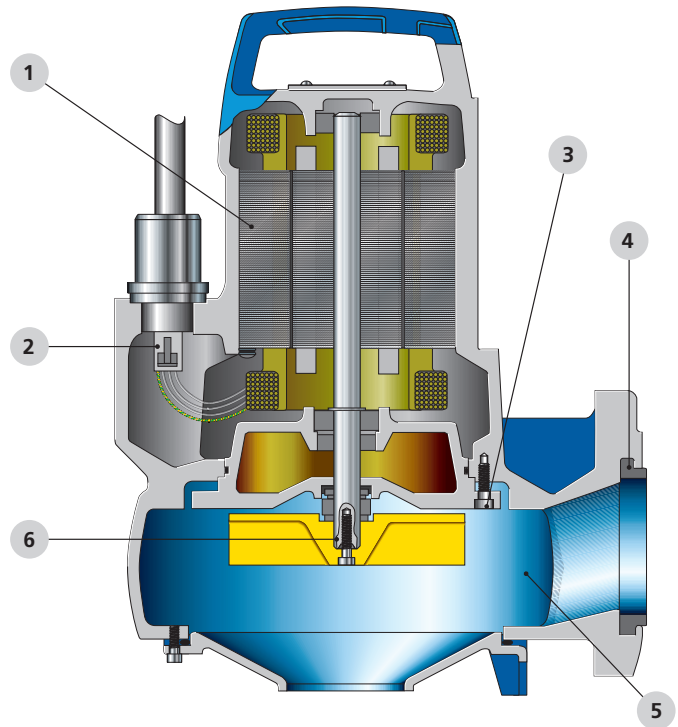
## 5 Trouble-free operation

Clogging by coarse particles is prevented by

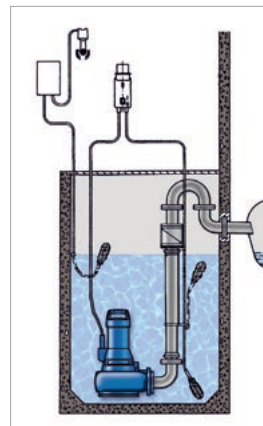
- large passage (free-flow impeller “F”)
- by cutter with high mechanical resistance for waste water (cutter “S”)

## 6 Long service life

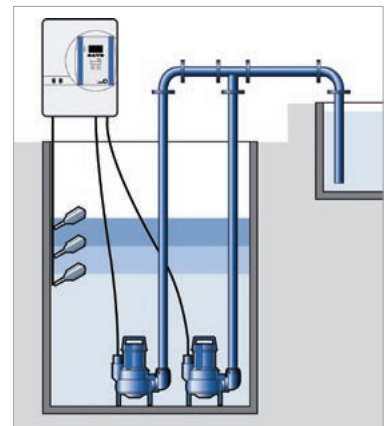
thanks to shaft made of corrosion-resistant stainless steel and bi-rotational mechanical seal with special SiC/Al<sub>2</sub>O<sub>3</sub> contact faces.



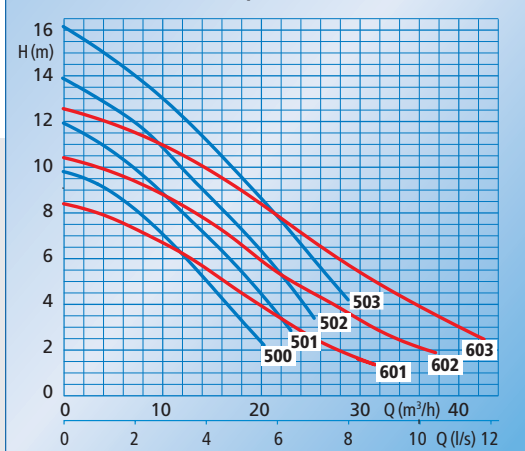
**Suggested Ama-Porter® installation incl. high water alarm**



**Suggested Ama-Porter® installation with LevelControl Basic 2**



**Ama-Porter® 500/600 performance curves**



**Technical data:**

Max. capacity:

**Ama-Porter®**

40 m<sup>3</sup>/h (11 l/s)

**Ama-Porter® S**

17 m<sup>3</sup>/h (4.7 l/s)

Max. discharge head:

16 m

21 m

Motor

1.5 kW with three-phase asynchronous motor  
1.1 kW max. with single-phase a.c. motor

Max. temperature:

+40 °C (+70 °C for short periods)

**Automation options:** LevelControl Basic 2