



# 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.

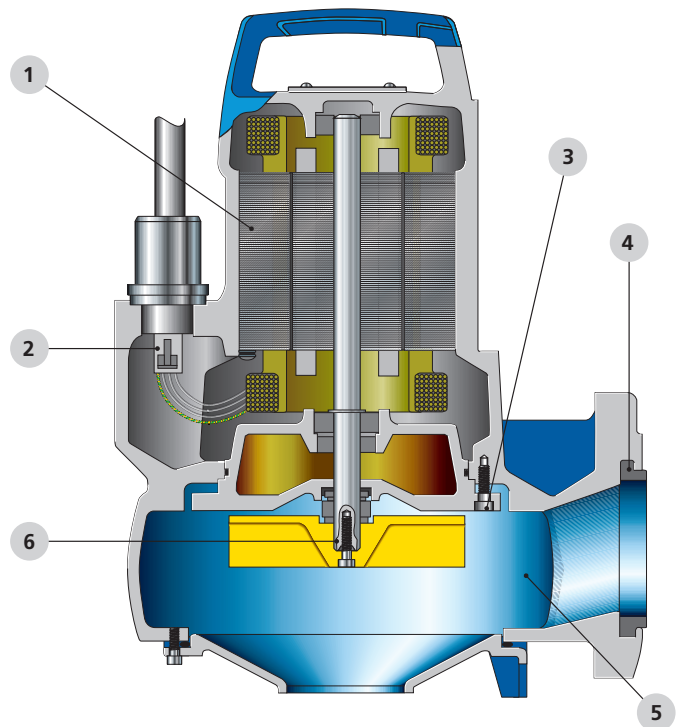
## 5 Trouble-free operation

Clogging by coarse particles is prevented by

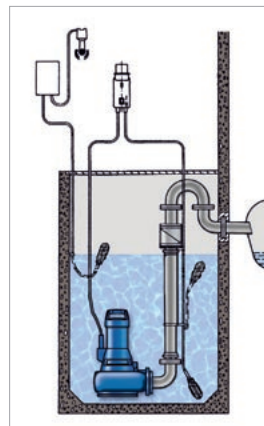
- large passage (free-flow impeller “F”)
- by cutter with high mechanical resistance for waste water (cutter “S”)

## 6 Long service life

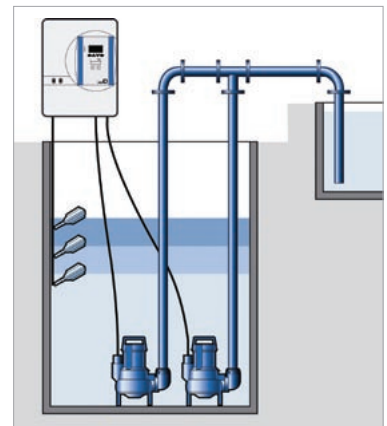
thanks to shaft made of corrosion-resistant stainless steel and bi-rotational mechanical seal with special SiC/Al<sub>2</sub>O<sub>3</sub> contact faces.



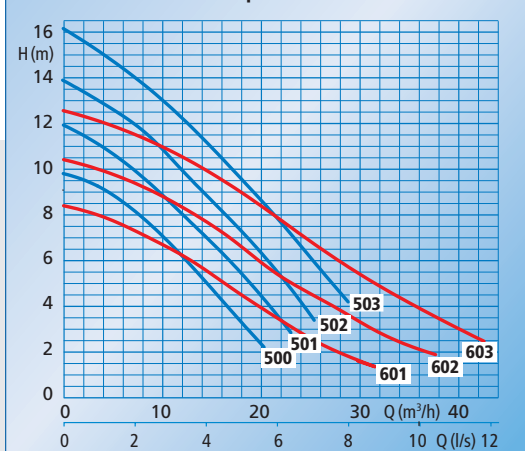
**Suggested Ama-Porter® installation incl. high water alarm**



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



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



Technical data:	Ama-Porter®	Ama-Porter® S
Max. capacity:	40 m³/h (11 l/s)	17 m³/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)	
<b>Automation options:</b>	LevelControl Basic 2	