

# AmaPorter

## Submersible Motor Pump



- 
- Pump station
  - Domestic waste water
  - Waste water transport
  - Draining of pits, shafts, etc.
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AmaPorter – new sizes

More information  
[www.ksb.com/en-gb](http://www.ksb.com/en-gb)



# AmaPorter – Submersible Motor Pump

## Benefits

### ■ High operating reliability

- The generously sized motor ensures reliable operation even under tough operating conditions.
- Thermal overload protection is provided by a temperature switch integrated in the winding.
- The motor features an encapsulated, watertight design.

### ■ Safe connection

- The plug-type connector is polarised to prevent misplugging.

### ■ Easy to service

- All bolts and screws are made of stainless steel.
- The pump is easy to dismantle, even after years of operation.

### ■ Easy installation and removal

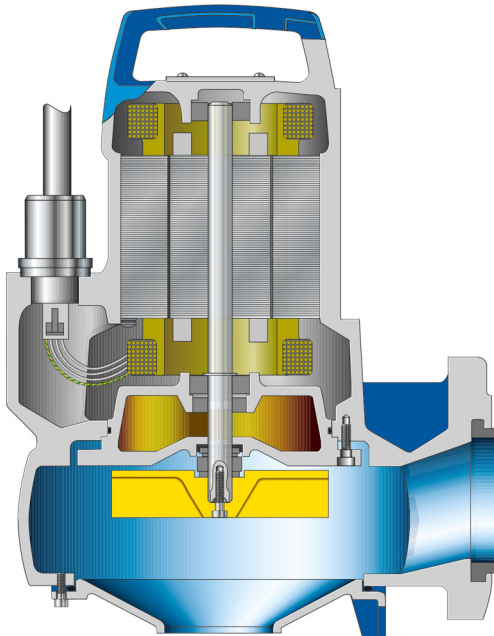
- Installation of the stationary pump model is straightforward.
- Various guide arrangements are available.

### ■ Trouble-free operation

- The large free passage of the vortex impeller (F impeller) prevents clogging by fluids containing coarse matter.
- The cutter (S impeller) with high mechanical resistance for grey water also prevents clogging.

### ■ Long service life

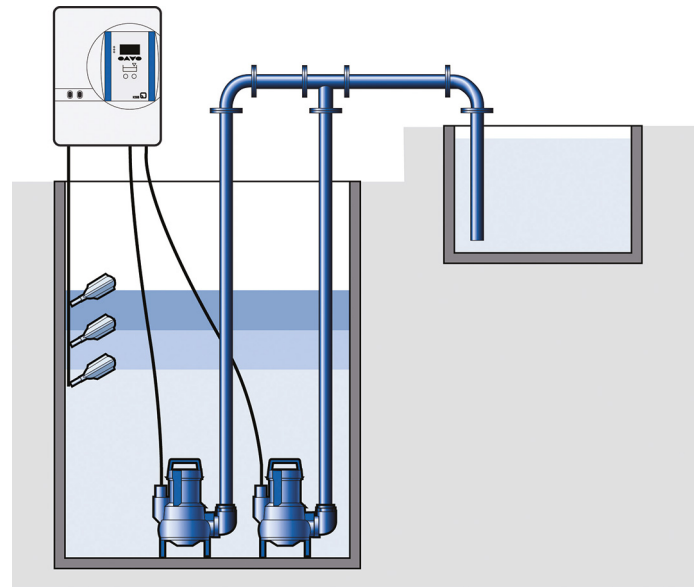
- The shaft is made of corrosion-resistant stainless steel.
- A single or double bi-rotational mechanical seal with special SiC/Al<sub>2</sub>O<sub>3</sub> seal faces ensures a long service life.



## Operating data

Characteristic	Value		
	AmaPorter F	AmaPorter S	
Flow rate	Q [m <sup>3</sup> /h]	≤ 127,1	≤ 17
	Q [l/s]	≤ 35,3	≤ 4,7
Head	H [m]	≤ 36,9	≤ 21
Fluid temperature	T [°C]	≤ +40 (continuous duty)	
Motor rating	P <sub>2</sub> [kW]	≤ 4,2	≤ 1,5

## Installation example Ama-Porter with LevelControl Basic 2



## Selection chart

