



Ama-Porter Submersible motor pump

Applications:

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



E-Warranty QR Code



Pumps **Made in India**
with trusted German Technology

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, watertight 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 No risk of leakage

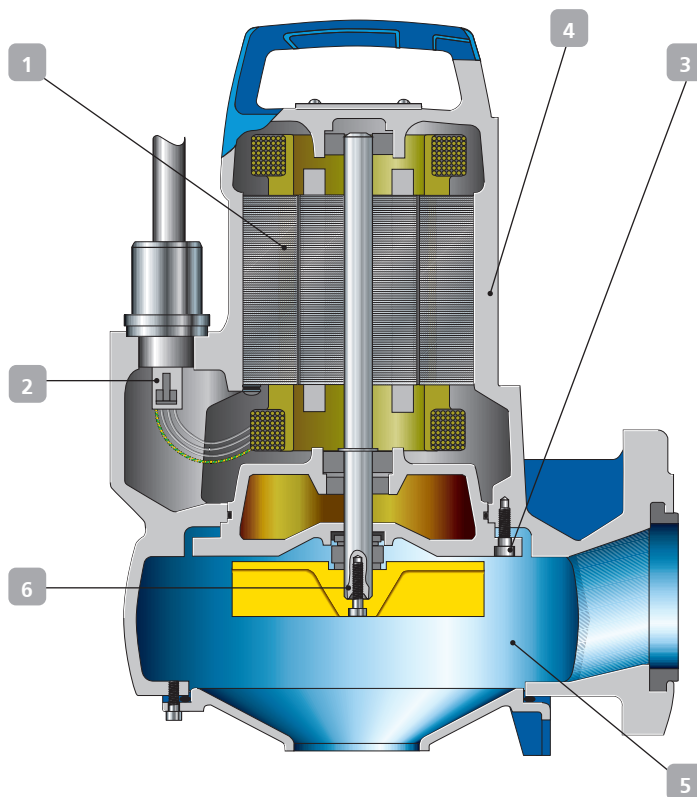
Closed couple pump design prevents leakage

5 Trouble-free operation

Clogging by coarse particles is prevented by large passage (free-flow impeller “F”)

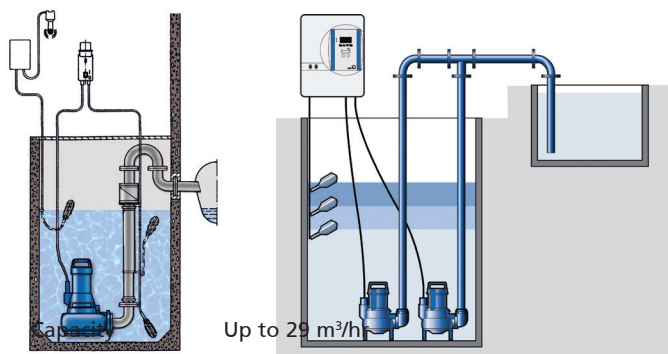
6 Long service life

thanks to shaft made of corrosion-resistant stainless steel and bi-rotational mechanical seal with special SiC/Al₂O₃ contact faces.



Suggested Ama-Porter installation incl. high water alarm

Suggested Ama-Porter installation with LevelControl Basic 2

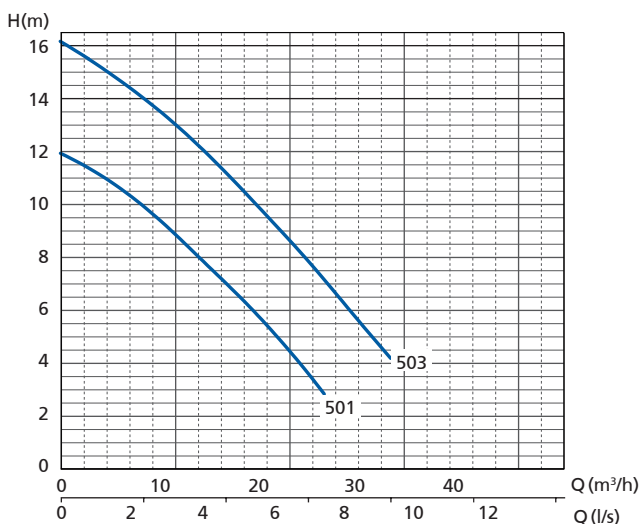


Discharge Head
Motor

Up to 29 m³/h
up to 16 m

Technical data	1.5kW max with three phase synchronous motor 1.1kW max. with single phase A.C. motor
Temperature	upto +40°C (+70 °C for short periods)
Sizes *	501 SE/ 503 SE/501 ND/503 ND
Installation type	Portable

Ama-Porter 500 performance curves



* SE- Single Phase motors with external float switch

* ND- Three Phase motors without external float switch

Ama-Porter – Submersible motor pump

Power supply : 230 V, 50 Hz, Single Phase

S. no	Pump Model	Motor Ratings	Rated current	Cable Size	Free passage		Total Head in Metres													
							3	4	5	6	7	8	9	10	11	12	13	14	15	
	AMA PORTER	HP (kW)	Amp	mm ²	mm															
1	501 SE	1.0 (0.75)	6	3 X 1	45	LPM	375	345	312	278	240	200	158	110	57	-	-	-	-	-
2	503 SE	1.5 (1.1)	8	3 X 1	41		-	482	457	428	398	368	333	297	257	217	165	115	63	

Power supply : 415 V, 50 Hz, Three Phase

S. no	Pump Model	Motor Ratings	Rated current	Cable Size	Free passage		Total Head in Metres														
							3	4	5	6	7	8	9	10	11	12	13	14	15		
	AMA PORTER	HP (kW)	Amp	mm ²	mm																
3	501 ND	1.0 (0.75)	2.8	4 X 1	45	LPM	375	345	312	278	240	200	158	110	57	-	-	-	-	-	-
4	503 ND	2.0 (1.5)	3.5	4 X 1	41		-	482	457	428	398	368	333	297	257	217	165	115	63		



2539.02/03-EN Subject to technical modification without prior notice