

## SUBMERSIBLE ELECTRIC PUMPS

in AISI 304



Submersible electric pumps for clean water with hydraulics in AISI 304 stainless steel.

### APPLICATIONS

- Draining wells, garages, cellars or places subject to flooding
- Irrigation of gardens and vegetable patches
- Movement of seepage water or draining of unfoul waste water

### TECHNICAL DETAILS

- Equipped with mechanical seal as per standard
- Reliable and corrosion proof
- Highly versatile
- They can be used in fixed or mobile installations
- Equipped with 5 m of H05 RN-F power supply cable for indoor use (10 m for outdoor use), with or without float

### TECHNICAL DATA

- Maximum immersion: 5 m
- Maximum temperature of the liquid: 50°C
- Max. solids size for passage: 10 mm
- Asynchronous motor, 2 poles
- Class of insulation F
- IP68 Protection rating
- 230V  $\pm 10\%$ , 50 Hz single phase voltage
- Discharge connection G1 $\frac{1}{4}$

### MATERIALS

- Pump body, suction grill, seal housing disc and motor casing in AISI 304
- Impeller, nozzle and motor cover in technopolymer reinforced with fibreglass
- Shaft in AISI 303
- Standard mechanical seal (Carbon/Ceramic/NBR)

### SPECIAL VERSIONS

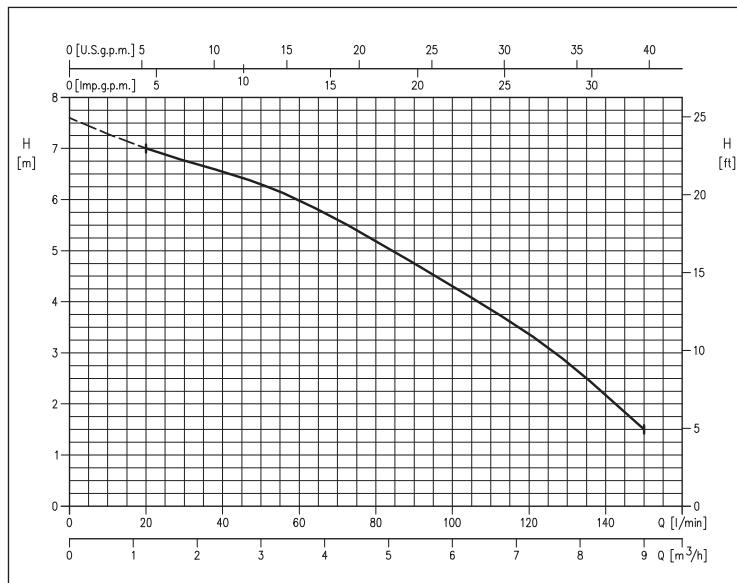
- MS version with small MS (Magnetic Switch) vertical magnetic float for clean waters
- MA version with float

### ACCESSORIES (on request)

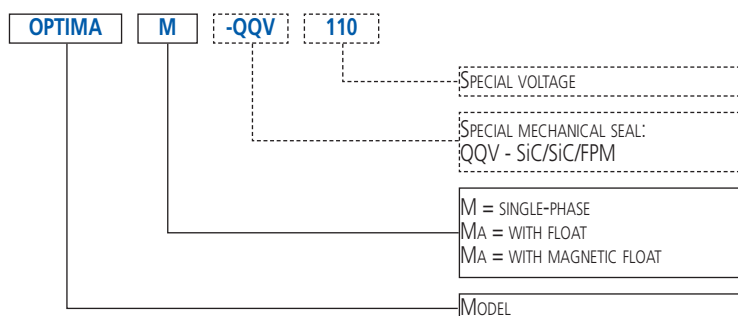
- 1 $\frac{1}{4}$  outlet connector and relative clamp
- Minimum suction device up to 3 mm

For other accessories and control panels see from page 66

### PERFORMANCE CURVE (according to ISO 9906 Attachment A)



### IDENTIFICATION CODE



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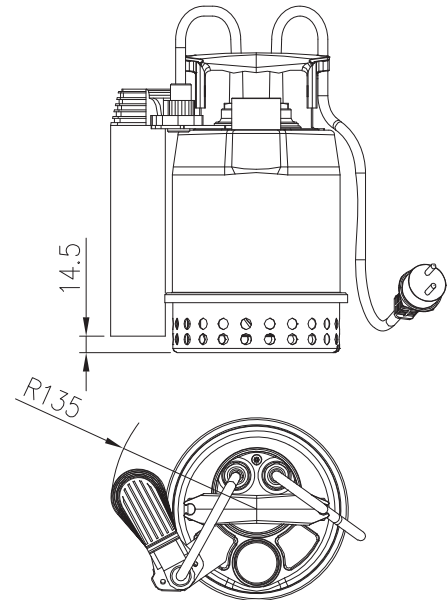
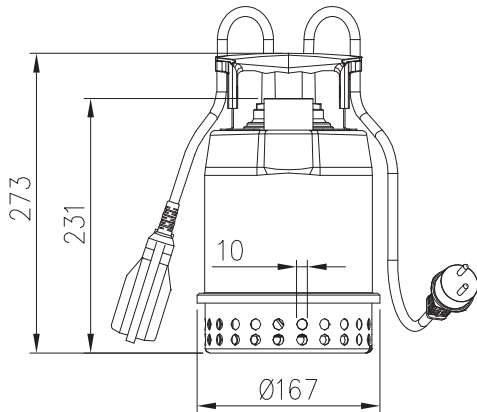
### PERFORMANCE TABLE

Model	P <sub>2</sub>		Capacitor		Ab. Curr.	Q=Flow rate						Weight	
	[HP]	[kW]	μF	Vc		[A]	l/min	20	50	75	100		125
					m³/h		1,2	3	4,5	6	7,5	9	[kg]
						H=Head [m]							
OPTIMA M	0,33	0,25	8	450	1,9	7,0		6,3	5,4	4,3	3,1	1,5	4,2
OPTIMA MA	0,33	0,25	8	450	1,9	7,0		6,3	5,4	4,3	3,1	1,5	4,4
OPTIMA MS	0,33	0,25	8	450	1,9	7,0		6,3	5,4	4,3	3,1	1,5	4,6

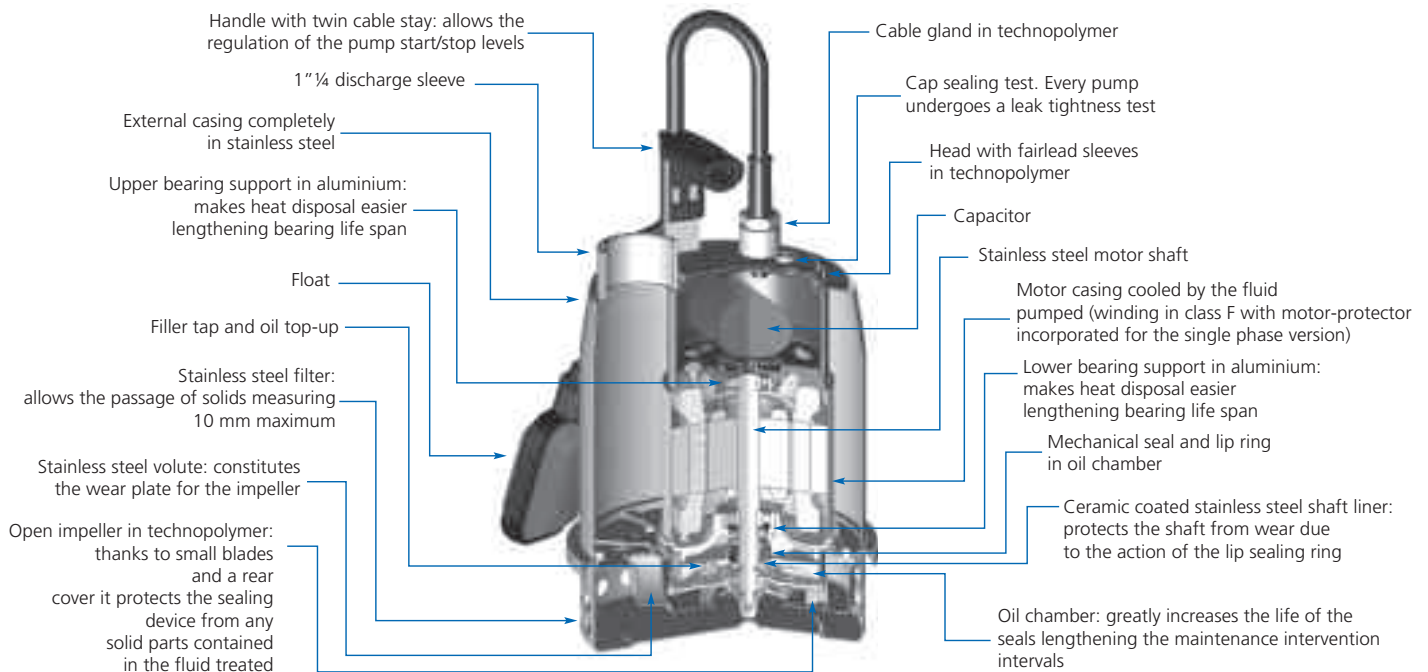
### DIMENSIONS

#### OPTIMA MA

#### OPTIMA MS



### SECTIONAL VIEW

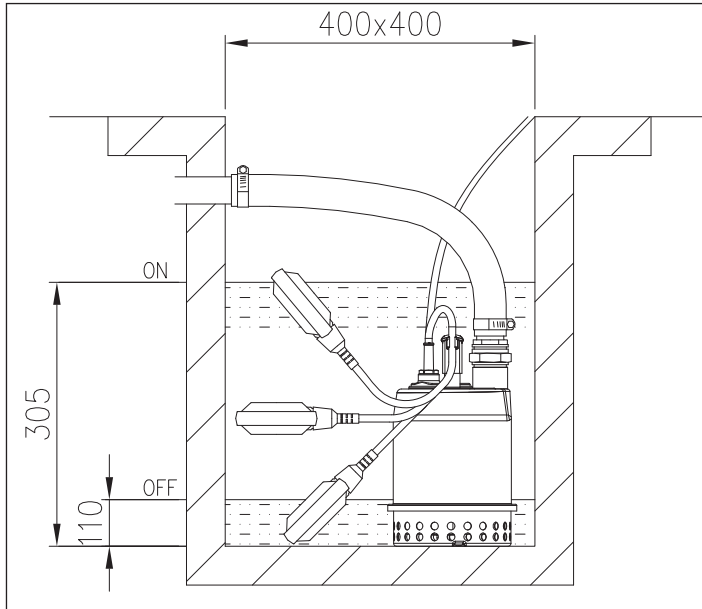


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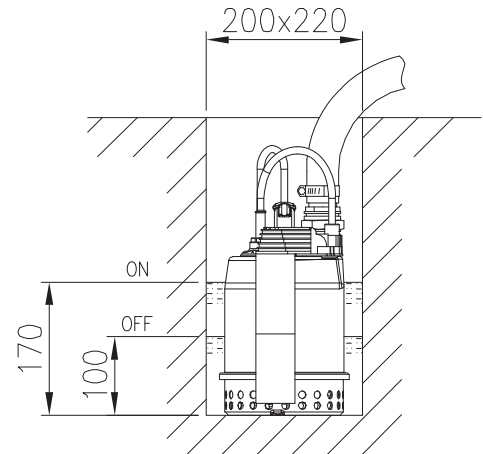
in AISI 304

### INSTALLATION

OPTIMA MA



OPTIMA MS



### OPTIONAL

#### MINIMUM SUCTION DEVICE



The minimum suction device allows to pump the liquid down to 3 mm from the ground (starting from at least 10 mm).

It is easily mounted on the OPTIMA, by simply pressing.