



**Stainless Steel Pumps**

**Model OPTIMA**

**Domestic Submersible Sump Pumps**

**Optima MA**  
Automatic pump with Float Switch

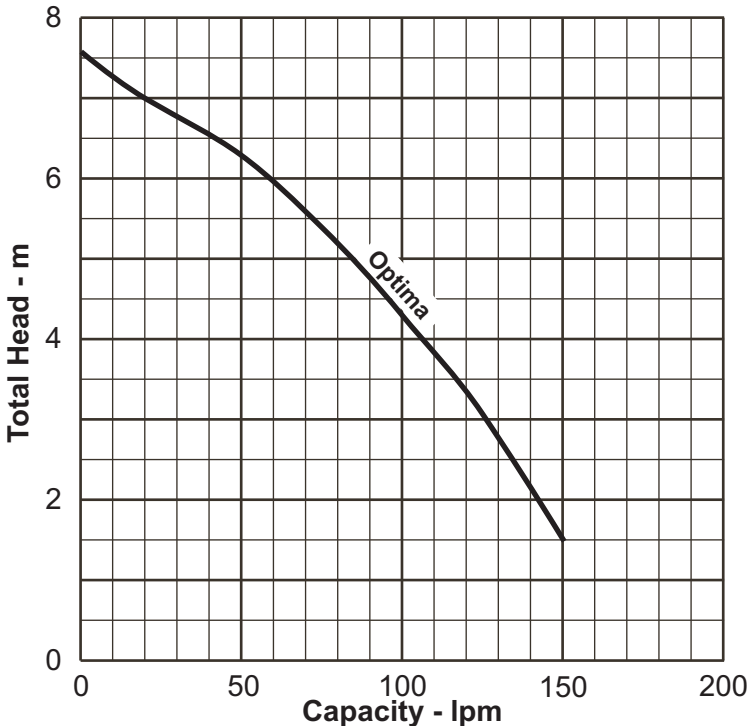
With Mechanical Seal



Domestic sump pump manufactured in stainless steel and thermo plastics with a mechanical seal. Suitable for many light dewatering applications including:-

- draining wells, basements, cellars, etc.
- emptying of tanks & drums
- general transfer of clean water.

**Performance Curve**



**Performance Table**

Pump Model	Motor Output	Discharge Ø mm	Power Supply	Full Load Current	Capacitor	Capacity - lpm																				
						0	20	50	75	100	125	150														
<b>Optima</b>	0.25 kW	32 mm	230 V, 50 Hz, 1 PH	1.9 A	8 µF	<table border="1"> <thead> <tr> <th colspan="7">Total Head - m</th> </tr> <tr> <th>7.6</th> <th>7.0</th> <th>6.3</th> <th>5.4</th> <th>4.3</th> <th>3.1</th> <th>1.5</th> </tr> </thead> </table>							Total Head - m							7.6	7.0	6.3	5.4	4.3	3.1	1.5
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**Specifications**

- Submersible pump with semi open impeller
- Maximum liquid temperature: 50 °C
- Maximum submergence: 5 m

**Materials**

- Pump casing: 304 Stainless Steel
- Impeller: Thermo plastic (PPE + glass fibre)
- Outer casing: 304 Stainless Steel
- Shaft: 303 Stainless Steel
- Motor frame: 304 Stainless Steel
- Motor Cap: Polypropylene
- Seal: Carbon/Ceramic Mechanical Seal in oil lubricated chamber, Upper Lip Seal

**Motor Data**

- Air filled, dry submersible, 2 pole, 50 Hz
- Insulation class F
- IP68 protection
- 1 Phase - 230 Volt
- In built overload protection

**Range**

- 32 mm Ø discharge
- 0.25 kW
- Single phase, automatic or manual versions
- Magnetic Switch version available (for clean water)

**Supply**

- 5 m of cable with 3 pin plug

**Accessories**

- Low level suction skirt (for manual model)



**Optima MS**  
Automatic pump with Magnetic Switch



**Optima M**  
Manual Pump



Low level suction "skirt" (down to 3 mm)



(for manual model)