

Pumps are suitable for pumping clean and rainwater.



## Construction characteristic

- pump body of stainless steel AISI 304
- AISI 304 stainless steel cable sleeve
- AISI 304 stainless steel filter
- technopolymer check valve
- impellers from technopolymer
- technopolymer diffusers with inset at the point of wear
- diffuser closure of technopolymer with inset at the point of wear
- hexagon shaft of Stainless Steel AISI 303
- self-lubricating inlet bearing
- brass displacement body

## Motor

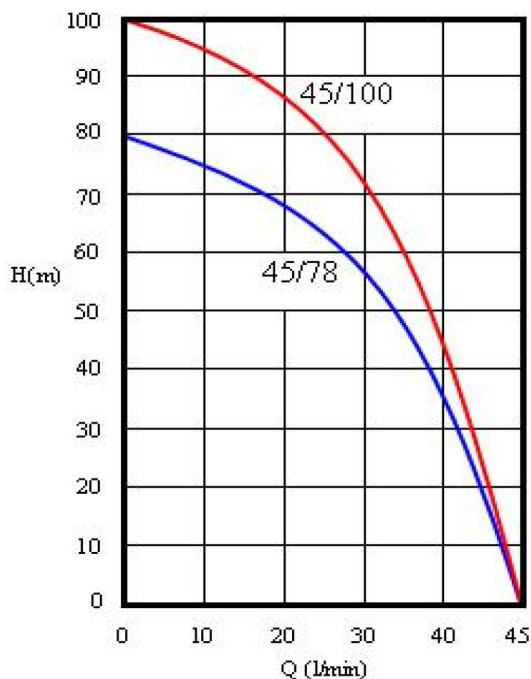
- 3.5 "submersible motor in 230 V version
- axial bearing and bearing housing cooled by water
- connecting cable 25 m or 35m
- oil cooling filling
- NEMA 3.5 "Bronze Flange
- degree of protection IP 58
- insulation class B
- speed 2850 rpm
- special mechanical seal with sand protection

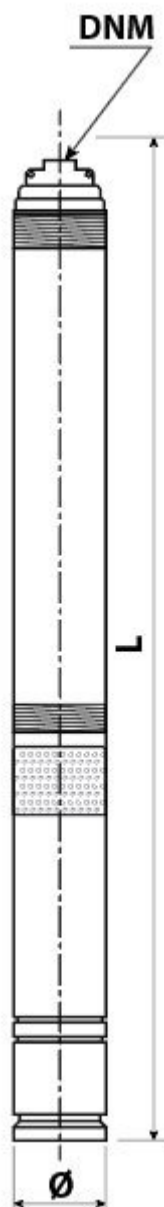
## Usage

- max. pumped liquid temperature 35°C
- number of switching: 20/1 h
- minimum bore diameter 90 mm
- max. sand: 50 g/m<sup>3</sup>
- max. immersion 50 m

## Aplikace

- pumping water from deep boreholes and wells
- automatic irrigation equipment
- pressure and booster stations
- irrigation in agriculture





<b>Type:</b>	45/78 (35 m)
<b>Power input:</b>	550 W
<b>Q max:</b>	2700 l/h
<b>Head high:</b>	78 m
<b>Voltage:</b>	230 V
<b>Weight:</b>	12,5 kg
<b>Cable length:</b>	35 m
<b>Diameter:</b>	83 mm
<b>L dimensions - lenght:</b>	990 mm
<b>DNM dimensions:</b>	5/4"
<b>Pump diameter:</b>	83 mm