

## Submersible pump for oil and diesel MINI 12V 60W



Pro-Tech  
shop

### Instructions for use Translation of the original instructions

**Read this manual before using the device.**



## General product specifications

### ■ Fuel pump KD1170 - 12V

The pump is designed for pumping diesel and paraffin, excluding petrol. The pump head is made of iron and contains copper hoses.

NOTE	The equipment is not intended for pumping low flammable fuels (e.g. petrol, LPG, alcohol, etc.).
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### ■ At a glance

- ✓ Lightweight construction
- ✓ Easy to install and use
- ✓ Ideal for pumping liquids from one container to another

### A: Standard accessories



Hose clamp .....1

### B: Warning:

1. Before connecting the pump, make sure that the voltage of the power supply corresponds to the voltage for which the pump is designed.
2. Voltage tolerance is +/- 5%.
3. The fuel flow follows the direction of the arrow on the pump.
4. Make sure the suction hose is properly sealed to ensure sufficient flow. A mains filter should be fitted to the end of the suction hose to protect the pump from dirt damage.
5. The duty cycle of the pump is 30 minutes under normal operating conditions. The pump is equipped with thermal protection which will shut down the unit if the maximum operating temperature is reached.

## ■ Product specifications

Product name	Fuel pump	Model	KD1170
Factor	Oil	Input/output connector	19 mm
Voltage	KD1170 - 12V	Power (w)	60
Flow rate	30 l/min	Maximum pressure	3bar
Lifting height	3m	Product weight	0,8 kg
Packaging	1 pcs in carton and 40 pcs in main carton	Dimensions	Diameter 53 mm  Height 145 mm

## ■ Troubleshooting:

The problem	Cause	Solution
No initial oil flow capacity	1. inverted poles (+/-)	1. set the power supply poles +/- correctly
	2. Leak in the suction hose	2 Make sure that the suction hose is correctly fixed and screwed and check for leaks.
	3. the pump is not submerged	3. immerse the pump inlet into the liquid
Low oil flow	1. too low voltage	1. Increase the voltage to a suitable level
	2. too high adjusted head	2. Reduction in height
	3. filter pollution	3. Remove dirt and clean the filter
	4. worn blades or damaged gearbox	4. replace blades or gearbox

**NOTE: The duty cycle of the pump is 30 minutes. The mains filter should be cleaned regularly.**



**Waste from electrical appliances must not be disposed of with household waste. Electrical appliances should be taken to a recycling centre. Further information is available from your local authority.**