

**MOBIMAx 54 l/min-14,3 gpm**

24 V-DC-battery terminal clips + ASA + EST

**Item number:** 23 407 002  
**EAN:** 4048358707130  
**Discount group:** D

**Technical data**

Automatic start-up: Delayed motor operation after start  
 Automatic shut-off 1: the motor is automatically shut off when the  
 the valve is closed  
 Automatic shut-off 2: automatic motor shut-off in case of dry running  
 Connecting cable with battery terminal  
 clips, length (m) / (ft): 3 / 10  
 Connection suction side: G 1" female  
 Connection discharge side: G 1" female  
 Hydraulic data  
 Pump design: vane pump, selfpriming  
 Delivery rate under free discharge up to  
 (l/min) / (gpm): 54 / 14,3  
 Suction height up to (m) / (ft): 3 / 10  
 Discharge pressure up to (bar) / (psi): 1,8 / 26,1  
 Pumping media: fuel oil and diesel  
 Motor data  
 Insulation class: F  
 Highest permissible limit temperature  
 (°C) / (°F): 155 / 311  
 Voltage (V): 24 V DC  
 Power consumption (A): 21  
 Power (W): 500  
 Fuse (A): 40 A plug-in fuse  
 Duty cycle (min) under free discharge  
 max.: 180  
 Run time (min) when dispensing valve is  
 closed max.: 2  
 Torque (Nm): 0,8  
 Rotation speed (rpm): 2500  
 Type of construction: IMB 5  
 Protection class: IP 54  
 Materials of parts in contact with liquid  
 Seals: FKM (Viton®)  
 Pump housing: AISi 12 (sea water resistant)  
 Rotor: GG 25  
 Vane: POM  
 Dimensions LxWxH (mm) / (inch): 280 x 120 x 120 / 11 x 4,7 x 4,7  
 Weight (kg) / (lb): 6,3 / 13,9

**Specification**

- Vane pump, with integral bypass
- Electronic shut-off with relay circuit
- On/Off switch
- Fuse
- Motor with RFI suppression
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERlxx³, three digit, possible (23 192)

**Special notes**

- First class construction of electric machines and pumps
- Continuous operation - 3 hours - with open valve
- Delayed start after switching on the pump
- Automatically shut off when the valve is closed

- LED fault display
- Overvoltage and undervoltage protection
- Lapped shaft on the sealing point
- Encapsulation of the electric motor, which, in case of extreme temperature fluctuations, largely prevents the formation of condensed water and of short-circuits resulting thereof
- Pump case freely positionable in all 90° positions
- Switch case freely positionable in all 90° positions
- Switch case made of shock resistant, die-cast zinc, coated by cataphoresis
- Pump case made of seawater resistant, die-cast aluminium, coated by cataphoresis
- Motor case, completely galvanised, coated external parts
- Small tolerances provide a high suction- and pressure performance
- The material composition of the vane-stator (runner ring) guarantees form-stability of the vanes up to 200 °C / 392 °F
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

**Packaging**

Dimensions LxWxH (mm) / (inch):	338 x 200 x 196 / 13,3 x 7,9 x 7,7
Weight including package (kg) / (lb):	6,66 / 14,7
Packing unit:	1.0