

MOBIMAx 54 l/min-14.3 gpm
 24 V-DC-battery terminal clips + ASA

Item number: 23 407
EAN: 4048358234070


Technical data

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

Safety class: IP66

Materials of parts in contact with liquid

Seals: FKM (Viton®)/NBR

Pump housing: AISi 12 (sea water resistant)

Rotor: GG 25

Vane: POM

Dimensions LxWxH (mm) / (inch): 290 x 120 x 120 / 11 x 4.7 x 4.7

Weight (kg) / (lb): 6,3 / 13.9


Specification

- Vane pump, with integral bypass
- On/Off switch
- Fuse
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation of flowmeter NUMERlxx³, three digits, is possible (23 192)

Special notes

- First class construction of electric machines and pumps
- Continuous operation - 3 hours - with open valve
- 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

