

MOBIFlx 35 l/min-9,2 gpm

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



Item number: 23 405 002
EAN: 4048358707093
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 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): 35 / 9,2

Suction height up to (m) / (ft): 3 / 10

Discharge pressure up to (bar) / (psi): 1,6 / 23,2

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): 11

Power (W): 270

Fuse (A): 25 A plug-in fuse

Duty cycle (min) under free discharge max.: 180

Run time (min) when dispensing valve is closed max.: 2

Torque (Nm): 0,45

Rotation speed (rpm): 3000

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): 270 x 120 x 120 / 10,6 x 4,7 x 4,7

Weight (kg) / (lb): 5 / 11



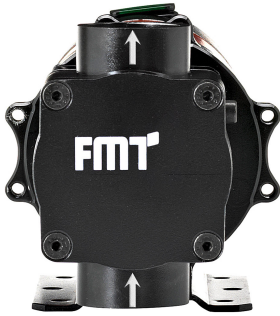
Specification

- 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): 300 x 170 x 160 / 11,8 x 6,7 x 6,3

Weight including package (kg) / (lb): 5,6 / 12,4

Packing unit: 1.0

