

## MOBIFlxx 35 l/min-9.2 gpm

24 V-DC-battery terminal clips



**Item number:** 23 405  
**EAN:** 4048358234056

### 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

Pumping media: Heating oil, diesel fuel, synthetic fuel (HVO 100), biodiesel (B100)  
 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  
 Operating temperature (°C): -10 ... + 40  
 Bypass mode max. (min): 2  
 dry run maximum: 2  
 Noise Development (dBA) according to ISO: 65

### 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  
 Safety class: IP66



### Materials of parts in contact with liquid

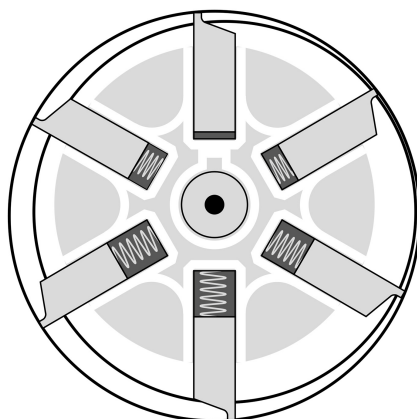
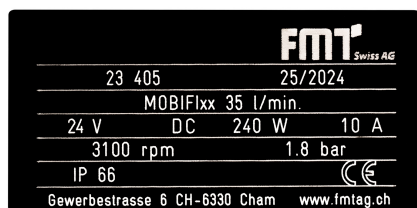
Seals: FKM (Viton®)/NBR  
 Pump housing: AlSi 12 (sea water resistant)  
 Rotor: GG 25  
 Vane: POM

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
- Vanes supported by spring





- On/Off switch
- Fuse
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active

#### Special notes

- 5 year warranty (excluding wearable parts)
- 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
- 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
- Pump case freely positionable in all 90° positions
- 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

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