MOBIMAxx 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

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:	Diesel fuel, synthetic fuel (HVO 100), biodiesel (B100), heating oil
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
Operating temperature (°C):	-10 ... +40
Bypass mode max. (min):	2
dry run maximum:	2
Noise Development (dBA) according to ISO:	65
Automatic start-up:	Delayed motor operation after start
Automatic shut-off 1:	The motor is automatically shut off when the vale is closed
Automatic shut-off 2:	Automatic motor shut-off in case of dry running
Work area:	23-25



Motor data

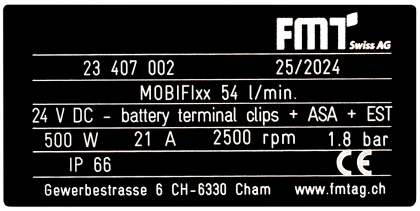
Insulation class:	F
Highest permissible limit temperature (°C) / (°F):	155 / 311
Voltage (V):	24 V DC
Power consumption (A):	21
Power (W):	500
Fuse (A):	25 A plug-in fuse
Duty cycle (min) under free discharge max.:	180
Run time (min) when dispensing valve is closed max.:	2
Torque (Nm):	0,8
Rotation speed (rpm):	2500
Type of construction:	IMB 5
Safety class:	IP66



Materials of parts in contact with liquid

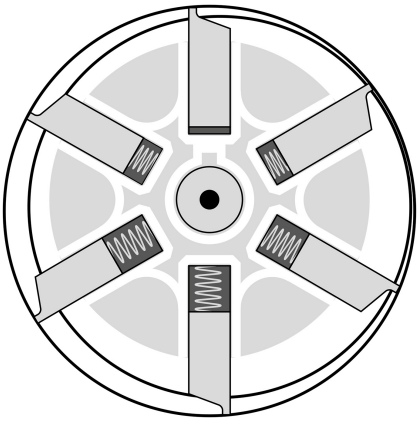
Seals:	FKM (Viton®)/NBR
Pump housing:	AlSi 12 (sea water resistant)
Rotor:	GG 25
Vane:	POM

Dimensions LxWxH (mm) / (inch):	290 x 120 x 120 / 11 x 4.7 x 4.7
Weight (kg) / (lb):	6,3 / 13.9



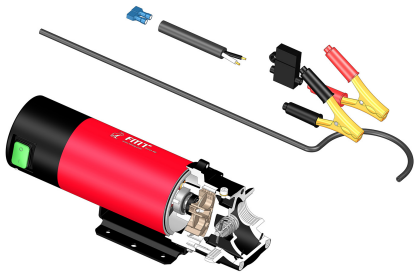
Specification

- Vane pump, with integral bypass
- Motor with RFI suppression
- Vanes supported by spring
- On/Off switch
- Electronic shut-off with relay circuit
- Fuse
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active



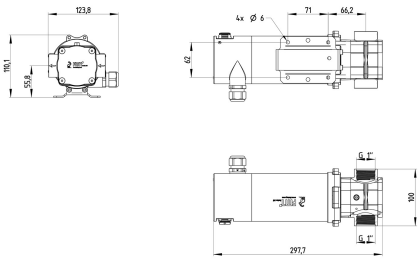
Special notes

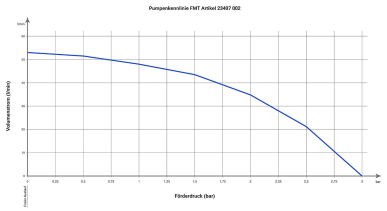
- 5 year warranty (excluding wearable parts)
- Delayed start after switching on the pump
- Automatically shut off when the vale is closed
- LED fault display
- Overvoltage and undervoltage protection
- First class construction of electric machines and pumps
- Continuous operation - 3 hours - with open 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):	338 x 200 x 196 / 13.3 x 7.9 x 7.7
Weight (kg) / (lb):	6,66 / 14.7
Packing unit:	1,0




Pumpenkennlinie FMT Artikel 23407 002
Volumenstrom (l/min)
Förderdruck (bar)