

MOBIMAxx 54 l/min-14,3 gpm-24 V-DC

ABK-ZVAD-EBZM-4 m

Item number:	23 519 089
EAN:	4048358707369
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	
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):	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)
Stator:	GG 25
Vane:	POM
Dimensions LxWxH (mm) / (inch):	280 x 120 x 120 / 11.02 x 4.72 x 4.72
Weight (kg) / (lb):	12,4 / 27.34

Specification

- Vane pump, with integral bypass (23 407)
- Barrel screw coupling, G 2" male, G 1" male (19 524)
- On/Off switch
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Automatic nozzle valve with swivel joint, ZVAD (23 176)
- In-line meter NUMERIxx³, three digits (23 192)
- Discharge hose, 4 m / 13,1 ft, DN 19, G 1" male, G 1" female (23 155 957)
- Suction hose, 1,6 m / 5,2 ft, DN 25, G 1" male, G 1" female (23 156)
- Foot valve with filter (19 890)

- Universal control nozzle storage bracket (23 174)

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 at best efficiency
- 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):	510 x 400 x 375 / 20.08 x 15.75 x 14.76
Weight including package (kg) / (lb):	13,9 / 30.64
Packing unit:	1,0