

**MOBIFlxx 35 l/min**

12 V-DC-ABK



**Item number:** 23 012  
**EAN:** 4048358230126  
**Discount group:** D

**technical data**

connecting cable with battery  
terminal clips, length (m): 3  
connection suction side: G 1" female  
connection discharge side: G 1" female

**Hydraulic data**

pump design: vane pump, selfpriming  
delivery rate at free outflow  
(l/min): 35  
suction height (m): 3  
discharge pressure (bar): 1,6  
flow media: Fuel oil and diesel

**Motor data**

voltage (V): 12 V DC  
power consumption (A): 18  
power (kW): 0,22  
locking device (A): 25 A plug-in fuse  
duty cycle (min): continuous operation  
torque (Nm): 0,38  
speed (rpm): 3300  
type of construction: IMB 5  
protection class: IP 54  
materials of parts in contact with  
liquid  
seals: NBR 70  
pump housing: AISi 12 (sea-water resistant)  
stator: GG 25  
vane: PEI 30  
tolerance vane - pump housing  
(mm):  $\pm 0,025$   
dimensions of pump LWH (mm): 200 x 150 x 150  
Weight (kg): 3,5

**specification**

- vane pump, with integral bypass
- On/Off switch
- locking device
- siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Mounting of in-line meter NUMERlxx<sup>3</sup>, three digits is possible (23 193)

**notes**

- Small tolerances provide a high suction- and pressure performance
- The material composition vane-stator (runner ring) guarantee form-stability of the vanes up to 200°C
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency
- The pump can be operated mobile or stationary
- For any situation in which a battery is not available, such as construction sites, in agriculture, on boats etc.

**packaging**

dimensions LWH (mm): 220 x 170 x 170  
Weight (kg): 4,0  
Packing unit: 1.0



## Diesel pump 60 l/min

110 V-1~AC-50 Hz

**Item number:** 23 054  
**EAN:** 4048358230546  
**Discount group:** D

### Technical data

Connecting cable length (m): 1,8  
 Connection suction side: G 1" female  
 Connection discharge side: G 1" female  
 Hydraulic data  
 Pump design: vane pump, selfpriming  
 Delivery rate at free outflow (l/min): 60  
 Discharge pressure (bar): 1,8  
 Suction height (m): 5  
 Pumping media: fuel oil and diesel  
 Motor data  
 Voltage (V): 110  
 Dimensions LxBxH (mm): 280 x 115 x 170  
 Frequency (Hz): 50  
 Power consumption (A)  
 Power (kW)  
 Thermal protection: self resetting  
 Duty cycle (min): continuous operation  
 Type of construction: IMB 3  
 Protection class: IP 54  
 Materials of parts in contact with liquid  
 Seals: NBR 70  
 Pump housing: AISi 12 (sea water resistant)  
 Stator: 1.4301  
 Vane: PEI  
 Weight (kg): 6,3

### Specification

- Vane pump, with integral bypass
- On/Off switch
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERlxx<sup>3</sup>, three digit, possible (23 192)

### Notes

- 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
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

### Packaging

Dimensions LxWxH (mm): 370 x 225 x 200  
 Weight including package (kg): 6,9  
 Packing unit: 1.0



## Diesel pump 100 l/min

110 V-1~AC-50 Hz

**Item number:** 23 055  
**EAN:** 4048358230553  
**Discount group:** D

### Technical data

Connecting cable length (m): 1,8  
 Connection suction side: G 1" female  
 Connection discharge side: G 1" female  
 Hydraulic data  
 Pump design: vane pump, selfpriming  
 Delivery rate under free discharge (l/min): 100  
 Discharge pressure (bar): 1,8  
 Suction height (m): 5  
 Pumping media: fuel oil and diesel  
 Motor data  
 Voltage (V): 110  
 Dimensions LxBxH (mm): 320 x 135 x 190  
 Frequency (Hz): 50  
 Power consumption (A): 3,2  
 Power (kW): 0,6  
 Thermal protection: self resetting  
 Duty cycle (min): continuous operation  
 Torque (Nm): 4,1  
 Rotation speed (rpm): 1400  
 Type of construction: IMB 3  
 Protection class: IP 54  
 Materials of parts in contact with liquid  
 Seals: NBR 70  
 Pump housing: AISi 12 (sea water resistant)  
 Stator: 1.4301  
 Vane: PEI  
 Weight (kg): 11,6

### Specification

- Vane pump, with integral bypass
- On/Off switch
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERIX<sup>3</sup>, three digit, possible (23 192)

### Notes

- 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
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

### Packaging

Dimensions LxWxH (mm): 370 x 225 x 200  
 Weight including package (kg): 12,2  
 Packing unit: 1.0



## Diesel pump 60 l/min

230 V-1~AC-50 Hz-EUS

**Item number:** 23 100  
**EAN:** 4048358231000  
**Discount group:** D

### technical data

Connecting cable length (m): 1,8  
 Connection suction side: G 1" female  
 Connection discharge side: G 1" female  
 hydraulic data  
 Pump design: vane pump, selfpriming  
 Delivery rate at free outflow (l/min): 60  
 Suction height (m): 5  
 Discharge pressure (bar): 1,8  
 Pumping media: Fuel oil and diesel  
 Motor data  
 Voltage (V): 230  
 Frequency (Hz): 50  
 Power consumption (A): 2,4  
 Power (kW): 0,38  
 Thermal protection: self resetting  
 Duty cycle (min): continuous operation  
 Torque (Nm): 1,27  
 Speed (rpm): 2800  
 Type of construction: IMB 3  
 Protection class: IP 54  
 Materials of parts in contact with liquid  
 seals: NBR 70  
 Material pump housing: AlSi 12 (sea water resistant)  
 stator: 1.4301  
 vane: PEI  
 Dimensions LxWxH (mm): 280 x 115 x 170  
 Weight (kg): 6,3

### specification

- vane pump, with integral bypass
- On/Off switch
- siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERIX<sup>3</sup>, three digit, possible (23 192)

### notes

- 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
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

### packaging

Dimensions LxWxH (mm): 338 x 200 x 196  
 Weight (kg)  
 Packing unit: 1.0





## Diesel pump 100 l/min

230 V-1~AC-50 Hz-EUS

**Item number:** 23 102  
**EAN:** 4048358231024  
**Discount group:** D

### Technical data

Connecting cable length (m): 1,8  
 Connection suction side: G 1" female  
 Connection discharge side: G 1" female  
 Hydraulic data  
 Pump design: vane pump, selfpriming  
 Delivery rate under free discharge (l/min): 100  
 Discharge pressure (bar): 1,8  
 Suction height (m): 5  
 Pumping media: fuel oil and diesel  
 Motor data  
 Voltage (V): 230  
 Frequency (Hz): 50  
 Power consumption (A): 3,9  
 Power (kW): 0,6  
 Thermal protection: self resetting  
 Duty cycle (min): continuous operation  
 Torque (Nm): 4,1  
 Rotation speed (rpm): 1400  
 Type of construction: IMB 3  
 Protection class: IP 54  
 Materials of parts in contact with liquid  
 Seals: NBR 70  
 Pump housing: AISi 12 (sea water resistant)  
 Stator: 1.4301  
 Vane: PEI  
 Dimensions LxBxH (mm): 320 x 135 x 190  
 Weight (kg): 10,08

### Specification

- Vane pump, with integral bypass
- On/Off switch
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERIX<sup>3</sup>, three digit, possible (23 192)

### Notes

- 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
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

### Packaging

Dimensions LxWxH (mm): 338 x 200 x 196  
 Weight including package (kg): 10,68  
 Packing unit: 1.0

**MOBIMAx 54 l/min-14,3 gpm-12 V-DC**

battery terminal clips

**Item number:** 23 406  
**EAN:** 4048358234063  
**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): 12 V DC  
 Power consumption (A): 30  
 Power (W): 360  
 Locking device (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): 0,66  
 Rotation speed (rpm): 2500  
 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)  
 Stator: GG 25  
 Vane: POM  
 Tolerance vane - pump housing (mm) / (inch): +/- 0,025 / 0,001  
 Dimensions LxWxH (mm) / (inch): 280 x 120 x 120 / 11 x 4,7 x 4,7  
 Weight (kg) / (lb): 6,42 / 14,2

**Specification**

- Vane pump, with integral bypass
- On/Off switch
- Locking device
- Siphon protection acc. to WHG (German government regulation for environmental care), continuously active
- Installation Flowmeter NUMERlxx<sup>3</sup>, three digit, possible (23 192)

**Notes**

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

