


## ROTAxx 54 l/min-14.3 gpm-24 V-DC

battery terminal clips

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| **Item number:** | 23 902 |
| **EAN:** | 4048358239020 |
| **Discount group:** | D |

### Technical data

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| Connecting cable with battery terminal clips, length (m) / (ft): | 3 / 10 |
| Connection suction side: | G 1" female |
| Connection discharge side: | G 1" female |

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| Hydraulic data | |
| Pumping media: | fuel oil and diesel |
| 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: | 69 |

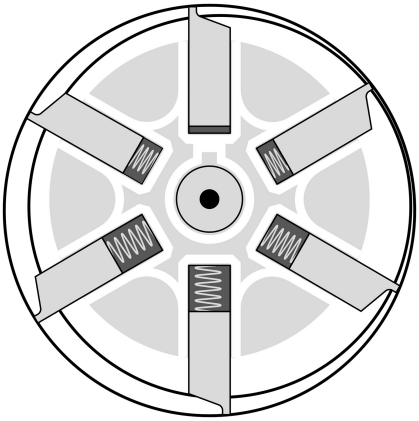
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|---|---|
| Motor data | |
| Insulation class: | F |
| Highest permissible limit temperature (°C) / (°F): | 155 / 311 |
| Voltage (V): | 24 V DC |
| Power consumption (A): | 21 |
| Power (W): | 500 |
| Fuse (A): | 40 A plug-in fuse |
| Duty cycle (min) under free discharge max.: | 180 |
| Run time (min) when dispensing valve is closed max.: | 2 |
| Torque (Nm): | 0,8 |
| Rotation speed (rpm): | 2500 |
| Type of construction: | IMB 5 |
| Safety class: | IP66 |

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| Materials of parts in contact with liquid | |
| Seals: | FKM (Viton®)/NBR |
| Pump housing: | AlSi 12 (sea water resistant) |
| Rotor: | GG 25 |
| Vane: | POM |

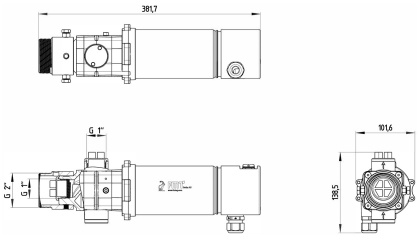
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| Dimensions LxWxH (mm) / (inch): | 280 x 120 x 120 / 11 x 4.7 x 4.7 |
| Weight (kg) / (lb): | 6,6 / 14.6 |

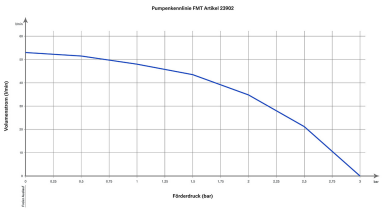
### Specification

- For 200 up to 1000 l container
- 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
- Barrel screw coupling, G 2" male, G 1" male (19 524)

**Special notes**

- 5 year warranty (excluding wearable parts)
- First class construction of electric machines and pumps
- Continuous operation - 3 hours - with open valve
- 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
- 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
- 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**

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| Dimensions LxWxH (mm) / (inch): | 338 x 200 x 196 / 13.3 x 7.9 x 7.7 |
| Weight including package (kg) / (lb): | 7,2 / 15.9 |
| Packing unit: | 1,0 |