

**DEF-EMP-35 l/min-220 V-1~AC**

ZVMU-GPM



**Item number:** 25 223 005  
**EAN:** 4048358708069

**Technical data**

Connecting cable, length (m) / (ft): 1,6 / 5.3  
 Connection suction side: G 1" male  
 Connection discharge side: G 1" male  
 Hydraulic data  
 Pump design: diaphragm pump, selfpriming  
 Delivery rate under free discharge up to (l/min) / (gpm): 35 / 9.2  
 Suction height up to (m) / (ft): 3 / 9.8  
 Discharge pressure up to (bar) / (psi): 1,7 / 24.6  
 Pumping media: DEF (AdBlue®), water, antifreeze  
 Motor data  
 Insulation class: F  
 Highest permissible limit temperature (°C) / (°F): 155 / 311  
 Power (kW): 0,33  
 Voltage (V): 220  
 Frequency (Hz): 60  
 Power consumption (A): 1,6  
 Thermal protection: self resetting  
 Duty cycle (min): continuous operation – a real endurance runner  
 Rotation speed (rpm): 3500  
 Type of construction: IMB 3  
 Safety class: IP66  
 Materials of parts in contact with liquid  
 Diaphragm and sealings: Ethylene-Propylene-Dien-Rubber/Viton®  
 Pump housing: PA 6 GF 30  
 Dimensions LxWxH (mm) / (inch): 700 x 455 x 330 / 12.20 x 7.09 x 6.30  
 Weight (kg) / (lb): 11,3 / 24.91


**Specification**

- Diaphragm pump with integrated bypass (25 280 005)
- Base plate for mounting barrel (82 883)
- Control nozzle storage bracket (85 036 001)
- Mechanical control nozzle for AdBlue® (ZVMU) (23 163 878)
- AdBlue® discharge hose, DN 19, 6 m / 19.69 ft, with bend 90° G 1" female and swivel joint for mechanical nozzle valve (ZVMU) (25 671)
- AdBlue® suction hose, DN 19, 2 m / 6.56 ft, with bend 90° G 1" female and foot valve (25 663)

**Special notes**

- First class construction of electric machines and pumps
- Designed for a long service life
- 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
- Motor and switch case made of shock resistant, die-cast aluminium
- continuous operation – a real endurance runner

- Suction height 3 m / 9,8 ft
- Materials guarantee a low weight and an exceptional lifetime with optimized efficiency

**Packaging**

|                                       |   |
|---------------------------------------|---|
| Packaging:                            | Carton                                  |
| Dimensions LxWxH (mm) / (inch):       | 700 x 455 x 330 / 27.56 x 17.91 x 12.99 |
| Weight including package (kg) / (lb): | 12,1 / 26.68                            |
| Packing unit:                         | 1,0                                     |