



# IDROFOGLIA KZ065-425B/SP SELF- PRIMING MOTOR PUMP 37 KW STAGEV

## Product description:

IDROFOGLIA KZ065-425B/SP SELF-PRIMING MOTOR PUMP 37 KW STAGEV

IDROFOGLIA KZ065-425B/SP is a self-priming motor pump with Kohler KDI 1903 TCR **StageV** diesel engine, with a maximum range of 200 m  $3/h$ .

The Idrofoglia KZ065-425B/SP motorpump is supplied complete with frame, tank, wheels and parking feet. It's designed for drainage and any other more demanding application on construction sites and in the industrial and emergency sectors.

The pumping of more abrasive fluids with high passage of solid bodies is guaranteed by the robustness of the hydraulic system and the exclusive spheroidal cast iron impeller.

The Idrofoglia KZ065-425B/SP motorpump has a **maximum flow rate of 3333 liters per minute** at a head of 5 m, it also allows the passage of solid debris with a diameter of 73x30 mm.

Idrofoglia KZ065-425B/SP is supplied complete with Elcos CEM 370 automatic control unit. This unit allows starting from the key, the on-screen display of the hour counter, tachometer, 96-hour timer, fuel level, voltmeter battery, pump protection exclusion.

The IdroMOP control unit allows automatic / manual water pressure control, 16 daily and / or weekly programs. Water system protection for dry running, minimum and maximum pressure, under pressure and over pressure. Engine protection due to insufficient oil pressure, overtemperature, belt breakage (lack of battery recharge), minimum fuel level, low coolant level, engine overspeed, low diesel pressure. Start / Stop from external contact.

Actuator control for motor deceleration management in case of alarm or end of work. Engine heating and cooling procedure management. Display of generic maintenance warning, hour meter, tachometer, fuel level, battery voltmeter, pump protection exclusion, water pressure





gauge. Work time setting from 00:01 to 47:59 hours / minutes.

## STAGEV EMISSIONS REGULATION

The Idrofoglia KZ065-425B/SP is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction in the environmental impact of 200% compared to standard engines.

## TECHNICAL CHARACTERISTICS OF IDROFOGLIA KZ065-425B/SP

Engine: Kohler KDI 1903 TCR

Maximum engine power: 37 KW / 50 HP

Emissions standard: Stage V

Power supply: Diesel

Tank capacity: 150 l

Nr. cylinders: 3

Displacement: 1861 cc

Maximum debris diameter: 73x30 mm

Cooling: Liquid

Suction diameter: Ø 100/4 "

Delivery diameter: Ø 100 / 4 "

Maximum flow rate: 200 m<sup>3</sup> / h

Maximum head: 37 mt

Maximum suction: 8 m

Pump power: 19.1 KW / 26 Hp

Speed pump rotation: 2200 rpm

Are you looking for a product with different technical characteristics? [HERE](#) you can find the entire IDROFOGLIA range or other specialized brands.

The images and technical data are not binding, they may be subject to revisions by the manufacturer.

### Product features:

Fuel: Diesel

Engine: Kohler KDI 1903 TCR

Emissions Regulations: Stage 5

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 1861

Number cylinders: 3





Cooling: Coolant Liquid

Pump type: High flow rate pump

Fluid type: Slightly sandy wastewaters

Height of suction (m): 37

Maximum output capacity (Lt/min): 3333

Main body material: Ghisa

Inlet diameter thread type (mm/inches): 100 / 4"

Outlet diameter thread type (mm/inches): 100 / 4"

Engine manufacturer: Kohler