

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

Reference: KZ065-425B/SP



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IDROFOGLIA KZ065-425B/SP is a self-priming motor pump with Kohler KDI 1903 TCR **StageV** diesel engine, with a maximum range of 200 m³ /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 m³ / 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.

Technical Sheet

Fuel	Diesel
Engine	Kholer KDI 1903 TCR
Emissions Regulations	Stage 5
Starting system	Electric
Engine capacity (cm ³)	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