

## KZ070-831B SELF-PRIMING MOTOR PUMP 600 m<sup>3</sup>/h

Reference: KZ070-831B



## KZ065-625B SELF-PRIMING MOTOR PUMP WITH ROAD TOWING TROLLEY

Self-priming pump KZ070-831B with 8" inlets, designed for drainage and any other more demanding application in the construction sites and in the industrial and emergency sectors. The pumping of more abrasive fluids with high solids passage is guaranteed by the robustness of the hydraulic system and the exclusive impeller, with open blades and double curvature.

The motor pump is complete with EasyMOP control unit for manual control of the water pressure with self-learning of the working point. Water system protection for dry running, minimum and maximum pressure, under pressure and over pressure. Engine protection for insufficient oil pressure, over-temperature, belt breakage (lack of battery recharge), minimum fuel level, low coolant level, over engine speed, low diesel pressure. Actuator control (accessory to be purchased separately) for engine deceleration management in case of alarm or end of work. Start/Stop from external contact. Display on screen of general maintenance warning, hour meter, rev counter, fuel level, battery voltmeter, pump protection exclusion, water pressure gauge. Work time setting from 00:01 to 47:59 hours/minutes.

The self-priming motor-pump is complete with slow road towing trolley that makes it easily transportable with built-in 330 l tank.

### TECHNICAL CHARACTERISTICS KZ070-831B SELF-PRIMING MOTOR PUMP

Suction diameter: Ø 200 / 8"  
Delivery diameter : Ø 200 / 8"  
Maximum flow rate: 600 m<sup>3</sup>/h  
Maximum head: 26 mt  
Suction head: -8 m  
Solids passage: 78x75 mm  
Power consumption: 40 hp  
Rotation speed: speed 1,600 rpm  
Max efficiency: 56%  
Pump housing: Grey cast iron EN JGL 250  
Impeller: Spheroidal cast iron  
Shaft: Steel C40  
Coupling: elastic  
DIESEL ENGINE  
Manufacturer: Kohler  
Model: KDI 1903 TCR (42 kW)  
Emissions regulations: STAGE V  
Displacement: 1,861 cc  
Max power: 58 hp  
Number of cylinders: 3  
Cooling: Liquid  
Max speed: 2.600 rpm  
Tank capacity: 330 l

Not-binding images and data.

## Technical Sheet

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	self-priming
Fluid type	Slightly sandy wastewaters
Height of suction (m)	8
Maximum output capacity (Lt/min)	600000
Main body material	Cast iron EN JGL 250
Maximum flow (m <sup>3</sup> /h)	600
Number of wheels	2
Inlet diameter thread type (mm/inches)	Ø 150 / 6"
Outlet diameter thread type (mm/inches)	Ø 150 / 6"
Debris size capacity (mm)	76
Total head (m)	26
Mechanical power (hp)	42
Transportability	Slow Trailer
Fuel tank capacity (L)	330
Engine manufacturer	Kohler