

AEON RAPTOR 6" D Diesel gedreven vuilwaterpomp

GENERAL INFORMATION

ID	24P00112
Make	AEON
Type	Diesel gedreven vuilwaterpomp
Year	2024
Operating hours	1
Construction	Water pumps
Weight	1.350 kg
Length	230 cm
Width	110 cm
Height	161 cm



TECHNICAL INFORMATION

- available with any desired quick coupling.
- Can be used immediately
- Float switch (start/stop system)
- in stock!
- MULTIPLE UNITS IN STOCK!
- NEW and UNUSED!
- PUMPED UP AND READY TO FLOW!
- Pumping water-thin to highly viscous liquids and/or solid components
- Spare parts available, usually in stock
- Suitable for pumping sewage
- Suitable for pumping surface water / construction site water
- SUPER silent housing (SUPER quiet)
- Supported by van vacuum pump
- We provide appropriate documentation for the purpose of Export

DESCRIPTION

The RAPTOR 6" D is a diesel-driven heavy-duty sewage pump designed for demanding applications such as sewage bypass, drainage, and dewatering. Here's a summary of its key features and competitive advantages:

Key Features & Competitive Edge

Heavy-duty design: Built to withstand tough conditions in sewage and dewatering applications.

Extended maintenance intervals: Reduces downtime and operational costs.

High-grade, superior quality components: Ensures durability and reliability.

Online telemetry and remote access: Allows monitoring and control of pump performance from a distance.

Industry-leading efficiency: Optimized to provide superior performance and energy savings.

Dimensions & Weight

Frame Dimensions (L x W x H): 2299 mm x 1100 mm x 1601 mm (90.51 x 43.31 x 63.03 inches)

Dry Weight: 1342 kg (2976.24 lbs)

Engine Specifications

Cylinders: 3

Displacement: 1.464 L (119.12 cu in)

Aspiration: Turbocharged

Bore & Stroke: 84 mm x 88 mm (3.31 x 3.46 inches)
Maximum Power: 18.4 kW (24.9 hp) @ 1600 rpm
Variable Speed: 1500 – 1800 rpm
Maximum Torque: 130 Nm @ 1350 rpm
Combustion System: Indirect Injection
Exhaust After-treatment: DOC (Diesel Oxidation Catalyst),
DPF (Diesel Particulate Filter)
Emission Standard: Stage V
Pump Specifications
Maximum Flow: 430 m³/h (1892 gpm)
Maximum Pressure: 33 m (108.3 feet)
Impeller Type: Screw impeller
Solids Handling Capacity: 100 mm (3.94 inches)
Maximum Temperature: 40°C (104°F)
Material Specifications:
Casing: GG25 (0.6025)
Impeller: GGG60 (0.7060)
Suction Liner: GG20 (0.6020)
Wear Ring: GG20 (0.6020)
Shaft: 1.4021
Shaft Sealing: WC/SiC/NBR
O-Rings: NBR

This pump is engineered for high performance and longevity, making it an ideal choice for challenging industrial and construction applications that demand reliability and efficiency.

Throughput capacity: 430 m³/h
Motor brand: Hatz
Max dirt passag: 1800 rpm
Weight: 1350 kg