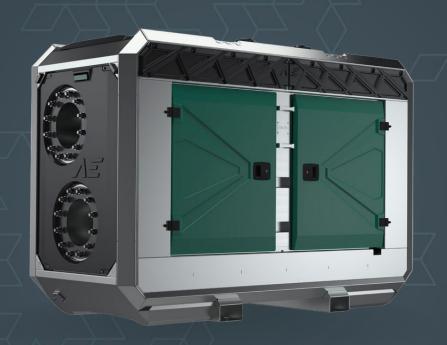


RAPTOR 12D





DIESEL

DRIVEN SEWAGE
AND DEWATERING PUMP





Diesel Driven Sewage and Dewatering Pump aeonpump.com © 2024

FEATURES AND COMPETITIVE EDGE

Type: **RAPTOR 12D**Connection size: **12**"

Frame LxWxH: 2700x1150x1820 mm

(106.3x45.3x71.7")

Dry weight: **3200 kg (7054.79 lbs)**

Fuel tank capacity: 400 L

(105.7 US gallons)

Sound level: 72 dB (at 10 m/at 32.8 feet)

Designed for heavy duty applications. Sewage bypass, drainage and dewatering:

- Extended maintenance intervals;
- High-grade parts of superior quality;
- Online telemetry and remote access capability;
- Unsurpassed efficiency values that set the industry standard.



PUMP TECHNICAL SPECIFICATION

Pump Max. flow: 1044 m3/h (4593.6 gpm)

Max. pressure: 35 m (114.83 feet) Impeller type: Screw impeller Solids handling: 120 mm (4.72") Temperature: max. 40°C (max 104°F)

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

Suction liner adjustable by external regulation screws







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Priming System Pump type: dry claw vacuum pump

Air handling capacity: 60 m3/h (35 CFM)

Max. vacuum: 9.0 m (29.5 feet) Floatbox: Hot dip galvanized Steel Non-return valve: Ductile iron GJS400

Check valve ball: Rubber NBR



ENGINE OPTIONS

Standard Model: Hatz 4H50TICD/ Hatz 4H50TIC/ 4H50TI

Emission standard: Stage V/ Tier 4f/ Stage III

Cylinders: 4

Displacement: 1.952 L (119.12 cu.in.)

Aspiration Turbocharged charge air cooling

Bore and stroke mm: **84 x 88 Inches (3.31x3.46")**

Maximum power: 45 kW (60.35 hp) @1700 rpm

Variable speed: 1500 - 1800 rpm Combustion system: Direct injection Exhaust after treatment: DOC, DPF







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FRAME OPTIONS

Silent Canopy type: Stackable

canopy Material: Hot dip galvanized Steel

Dimensions LxWxH: 2700x1150x1820 mm

(106.3x45.3x71.7")

Lifting point: Single lifting point

Forklift pockets: Installed



Open Canopy type: Stackable

canopy Material: Hot dip galvanized Steel

Dimensions LxWxH: 2700x1150x1820 mm

(106.3x45.3x71.7")

Lifting point: Single lifting point

Forklift pockets: Installed



CONTROL PANEL OPTIONS

Standard AEONPUMP Software

Automatic level control Hydrostatic level sensor* SMS alarm system* Online telemetry*

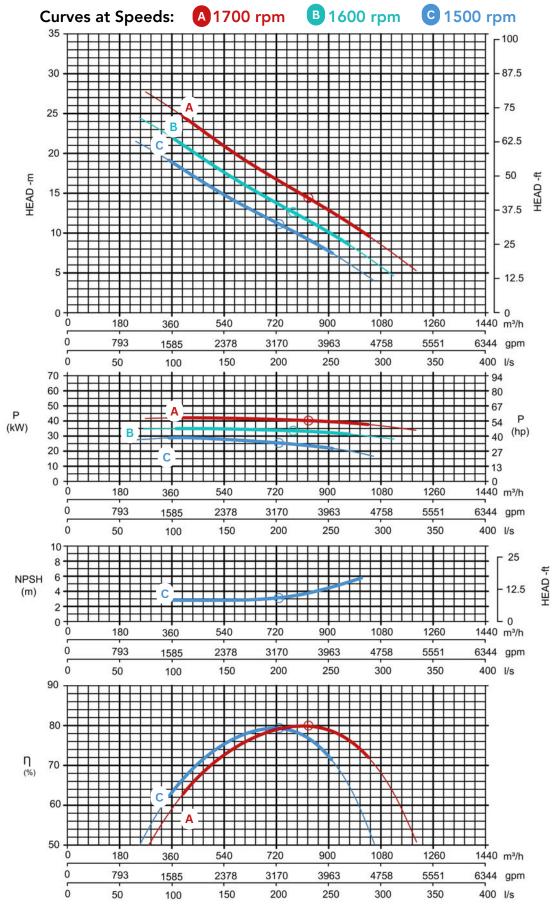
Dual float switch Light Assistant*

* Optional





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Note: Pump power P include mechanical seal friction and bearing frame losses, from a run in bearing frame. (Testing according ISO 9906:2012-38)