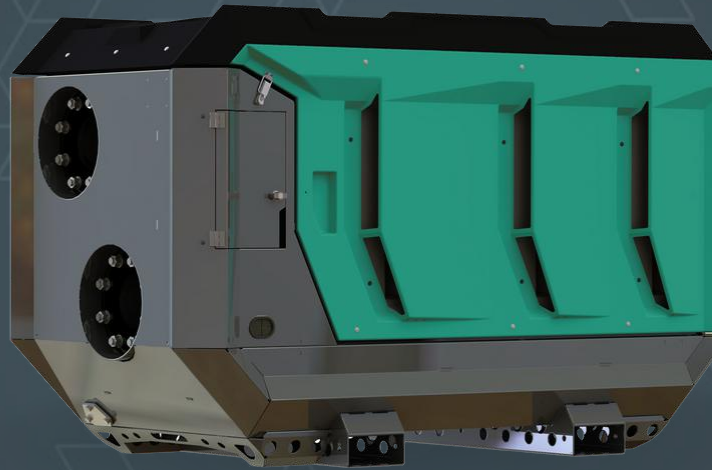


AEDONPUMP

RAPTOR 6D LITE



DIESEL

**DRIVEN SEWAGE
AND DEWATERING PUMP**

V1.25

FEATURES AND COMPETITIVE EDGE

Type: **Raptor 6D Lite**
 Connection size: **6 in x 6 in**

Frame LxWxH: **2015x1033x1254 mm / 79.33x40.67x49.37 in**

Dry weight: **830 kg / 1830 lbs**

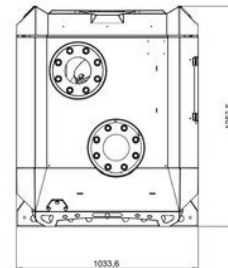
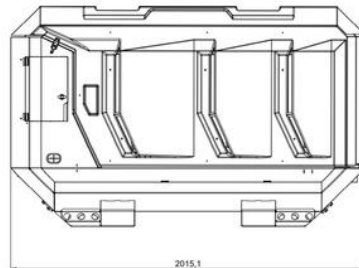
Fuel tank capacity: **150 L / 40 US gal**

Consumption @ max rpm: **4.6 L/h / 1.2 gal/h**

Sound level: **63 dB at 10 m/ at 33 ft**

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: **430 m³/h / 1892 US gpm**
 Max. head: **33 m / 108 ft / 47 PSI**
 Impeller type: **Screw impeller**
 Solids handling: **100 mm / 3.94 in**
 Temperature: **max. 40°C / max 104°F**
 Casing: **GG25 (0.6025)**
 Impeller: **GGG60 (0.7060)**
 Wear ring: **GG20 (0.6020)**
 Shaft: **1.4021**
 Shaft sealing: **WC/SiC/NBR**
 O-Rings: **NBR**
 Suction Liner: **GG20 (0.6020)**
 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 / 30 ft**
Floatbox: **Hot dip galvanized Steel**
Non-return valve: **Ductile iron GJS400**
Check valve ball: **Rubber NBR**



ENGINE OPTIONS

Standard Model: **Hatz 3H50T**
Emission standard: **Stage V/ Tier 4f**
Cylinders: **3**
Displacement litres: **1.464 / 89.34 cu.in.**
Bore and stroke: **84 x 88 mm / 3.31x3.46 in**
Maximum power: **18.4 kW/ 24.7 hp @1600 rpm**
Variable speed: **1500 - 1600 rpm**
Combustion system: **Direct injection with Bosch off-highway common-rail**



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1.877.907.7852



FRAME OPTIONS

Silent canopy Canopy type: **Non-stackable**
Dimensions LxWxH: **2015x1033x1254 mm*** / **79.33x40.67x49.37 in**
Lifting point: **Single lifting point**
Forklift pockets: **Installed**



*Trailer is not included
**Pump is designed to be installed on the trailer

Trailer On request



Lifting Hook On request



CONTROL PANEL OPTIONS

Standard 3.5" digital panel
Ignition switch
Hour meter
Dual float switch



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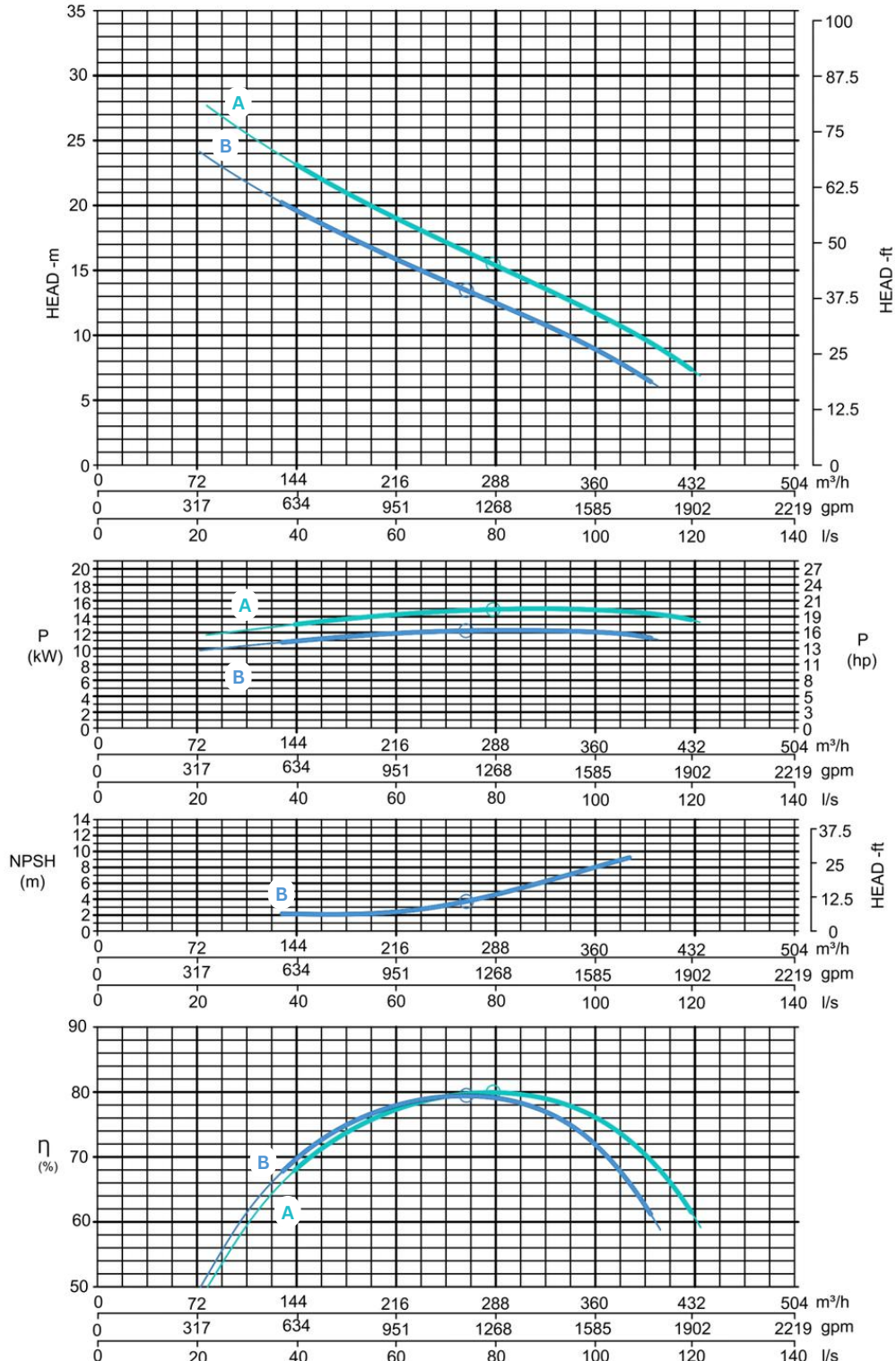
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Curves at Speeds:

A 1600 rpm

B 1500 rpm



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

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