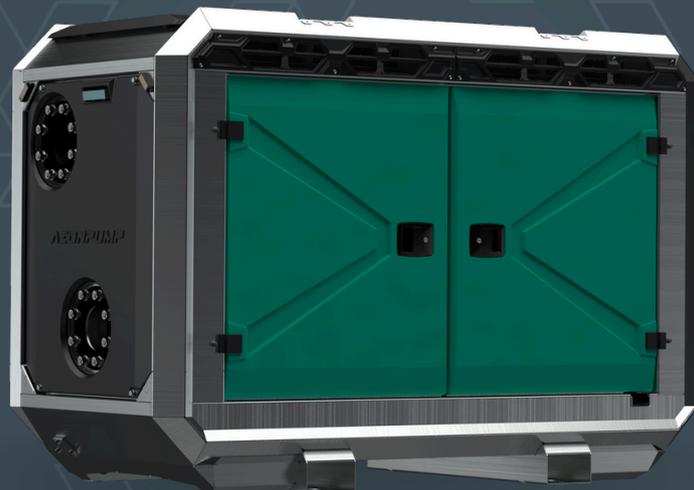


**AEDONPUMP**

# RAPTOR 6D HEAVY



**DIESEL**

**DRIVEN SEWAGE  
AND DEWATERING PUMP**

## FEATURES AND COMPETITIVE EDGE

Type: **Raptor 6D heavy**  
Connection size: **6"**

Frame LxWxH: **2299x1100x1601 mm**  
(**90.51x43.31x63.03"**)

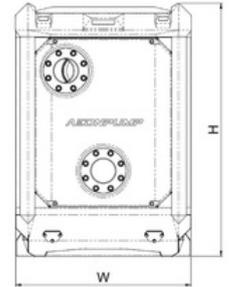
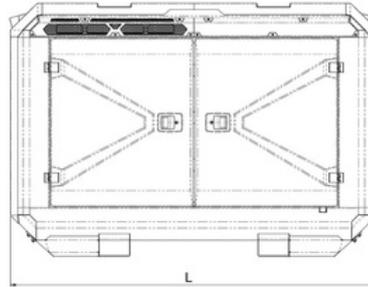
Dry weight: **1450 kg (3196.7 lbs)**

Fuel tank capacity: **270 L (71.33 US gallons)**

Sound level: **64 dB (at 10 m/ at 32.8 feet)**

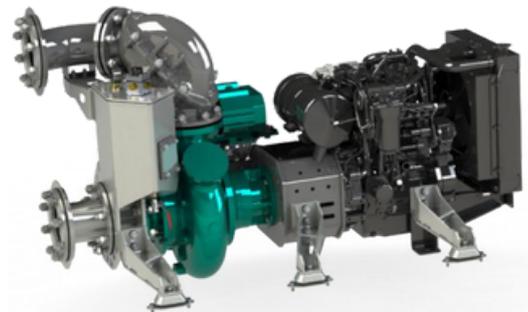
**Designed for heavy duty applications.**  
**Sewage bypass, drainage and dewatering:**

- 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: **500 m<sup>3</sup>/h (2200 gpm)**  
Max. pressure: **46 m (150.92 feet)**  
Impeller type: **Screw impeller**  
Solids handling: **100 mm (3.94")**  
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





**Priming System** Pump type: **dry claw vacuum pump**  
Air handling capacity: **60 m<sup>3</sup>/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 3H50TICD/ Hatz 3H50TIC**  
Emission standard: **Stage V/ Tier 4f**  
Cylinders: **3**  
Displacement: **1.46 L (89.09 cu.in.)**  
Aspiration **Turbocharger**  
Bore and stroke mm: **84 x 88 (3.31x3.46")**  
Maximum power: **27 kW (36.21 hp) @1900 rpm**  
Variable speed: **1800 - 1900 rpm**  
Combustion system: **High-pressure common rail direct injection**  
Exhaust after treatment: **cEGR, DOC, DPF**



### FRAME OPTIONS

#### Silent canopy

Canopy type: **Stackable**  
Material: **Hot dip galvanized Steel**  
Dimensions LxWxH: **2299x1100x1601 mm**  
**(90.51x43.31x63.03")**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**

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#### Open canopy

Canopy type: **Stackable**  
Material: **Hot dip galvanized Steel**  
Dimensions LxWxH: **2299x1100x1601 mm**  
**(90.51x43.31x63.03")**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**



### CONTROL PANEL OPTIONS

#### Standard

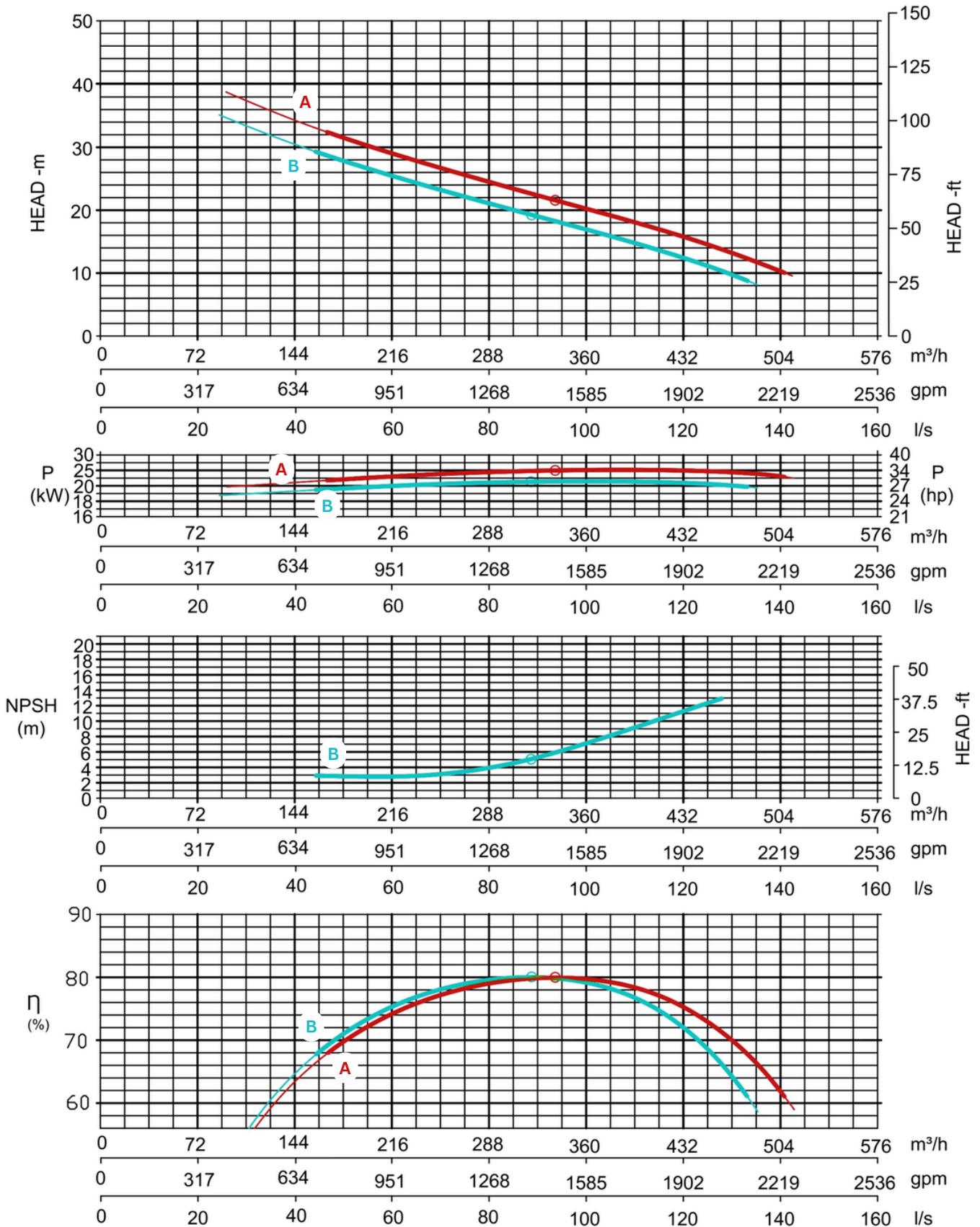
AEONPUMP Software  
Automatic level control  
Hydrostatic level sensor\*  
SMS alarm system\*  
Online telemetry\*  
Dual float switch  
Light Assistant\*

\* Optional





### Curves at Speeds: **A** 1900 rpm **B** 1800 rpm



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