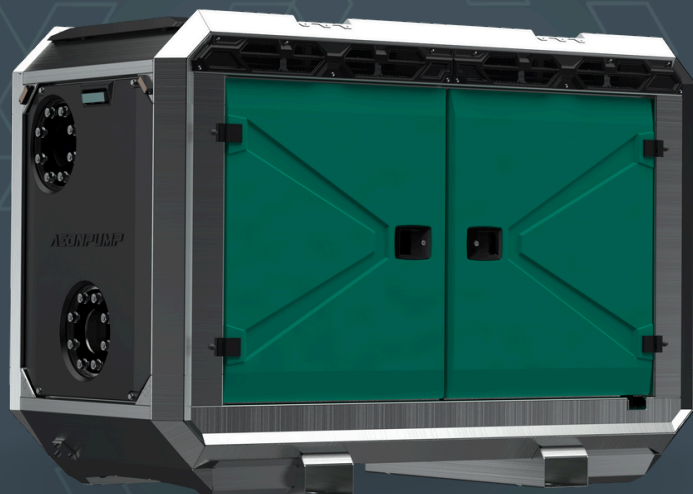


**AEDONPUMP**

# RAPTOR 6D



**DIESEL**

**DRIVEN SEWAGE  
AND DEWATERING PUMP**

## FEATURES AND COMPETITIVE EDGE

Type: **Raptor 6D**

Connection size: **6 in x 6 in**

Frame LxWxH: **2299x1100x1601 mm / 90.51x43.31x63.03 in**

Dry weight: **1350 kg / 2980 lbs**

Fuel tank capacity: **270 L / 71.3 US gallons**

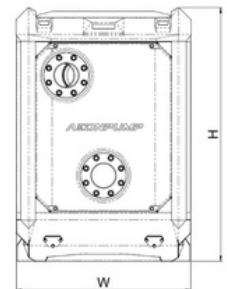
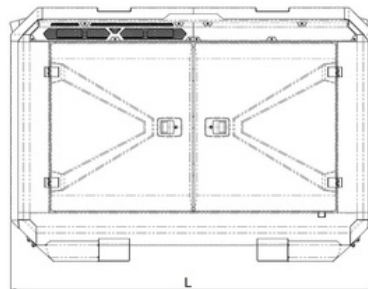
Consumption: **4.6 L/h / 1.2 gal/h**

Sound level: **62 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 m<sup>3</sup>/h / 1890 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)**

Suction Liner: **GG20 (0.6020)**

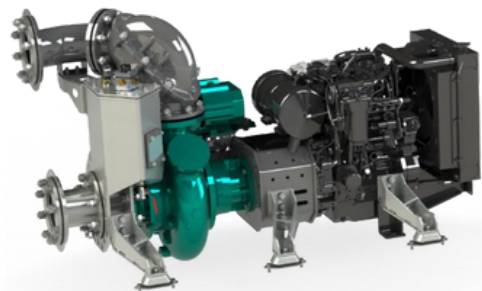
Wear ring: **GG20 (0.6020)**

Shaft: **1.4021**

Shaft sealing: **WC/SiC/NBR**

O-Rings: **NBR**

Suction liner adjustable by external regulation screws



**Priming  
System**

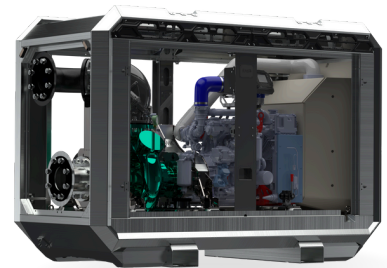
Pump type: **dry claw vacuum pump**  
Air handling capacity: **60 m<sup>3</sup>/h / 35 CFM**  
Max. vacuum: **9.0 m / 30 ft**  
Floatbox: **Hot dip galvanized Steel**  
Non-return valve: **Ductile iron GJS400**  
Check valve ball: **Rubber NBR**

**ENGINE OPTIONS****Standard**

Model: **Hatz 4H50N**  
Emission standard: **Stage V/ Tier 4f**  
Cylinders: **4**  
Displacement litres: **1.952 / 119.12 cu.in.**  
Bore and stroke mm: **84 x 88 / 3.31x3.46 in**  
Maximum power: **18.4 kW / 24.9 hp @1800 rpm**  
Variable speed: **1500 - 1800 rpm**  
Combustion system: **Direct injection with Bosch off-highway common-rail**



## FRAME OPTIONS

**Silent canopy**Canopy type: **Stackable**Material: **Hot dip galvanized Steel**Dimensions LxWxH: **2299x1100x1601 mm / 90.51x43.31x63.03 in**Lifting point: **Single lifting point**Forklift pockets: **Installed****Open canopy**Canopy type: **Stackable**Material: **Hot dip galvanized Steel**Dimensions LxWxH: **2299x1100x1601 mm / 90.51x43.31x63.03 in**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\*

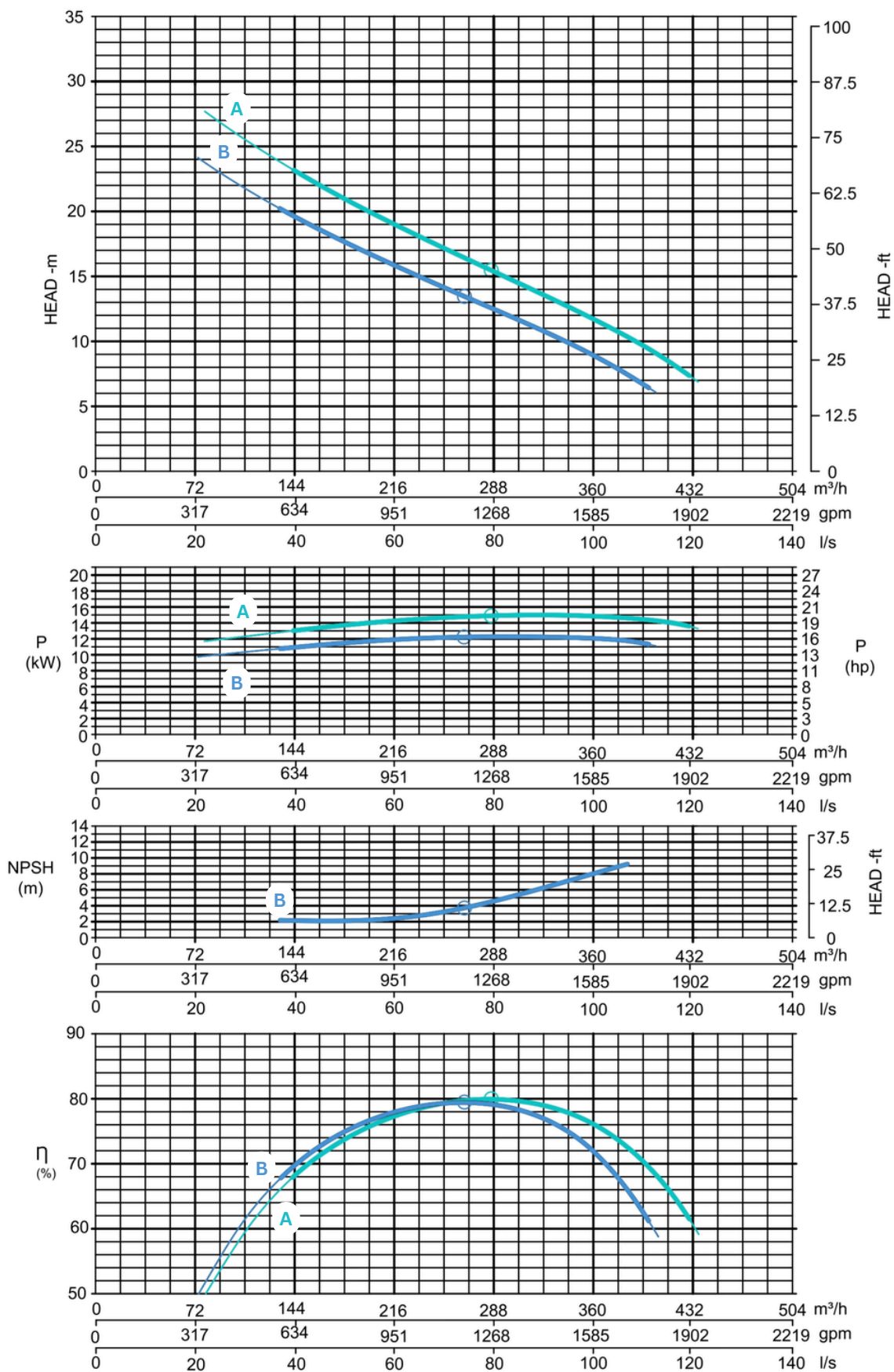


\* Optional



### Curves at Speeds:

**A** 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)