

AEDONPUMP

RAPTOR 4D LITE



DIESEL

**DRIVEN SEWAGE
AND DEWATERING PUMP**

FEATURES AND COMPETITIVE EDGE

Type: **Raptor 4D Lite**

Connection size: **4 in x 4 in**

Frame LxWxH: **1399x907x1076 mm / 55.08x35.7x42.36 in**

Dry weight: **550 kg / 1210 lbs**

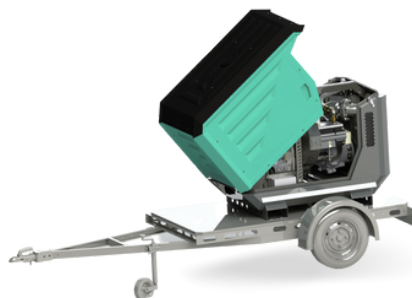
Fuel tank capacity: **50 L / 13 US gallons**

Sound level: **53 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: **115 m³/h / 506 US gpm**

Max. pressure: **21 m / 69 ft**

Impeller type: **Screw impeller**

Solids handling: **75 mm / 2.95 in**

Temperature: **max. 40°C / 104°F**

Casing: **GG25 (0.6025)**

Impeller: **GGG60 (0.7060)**

Suction Liner: **GG20 (0.6020)**

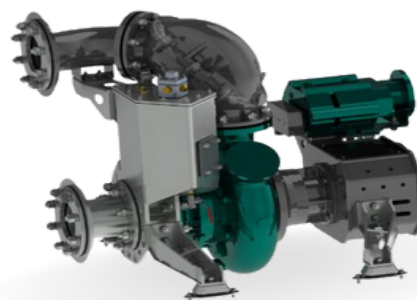
Wear ring: **GG20 (0.6020)**

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 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 1D90**
Emission standard: **StageV/ Tier 4f**
Cylinders: **1**
Displacement litres: **0.722 / 44 cu.in.**
Bore and stroke: **104 x 85 mm / 4.09 x 3.35 in**
Maximum power: **5.5 kW/ 7.38 hp @1600 rpm**
Variable speed: **1500 - 1600 rpm**
Combustion system: **High Pressure Mechanical Direct Injection**



FRAME OPTIONS

Silent canopy Canopy type: **Non-stackable**
Dimensions LxWxH: **1399x907x1076 mm***
(**55.08x35.7x42.36"**)
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 Ignition switch
Hour meter
Oil pressure indicator
Battery indicator
Dual float switch

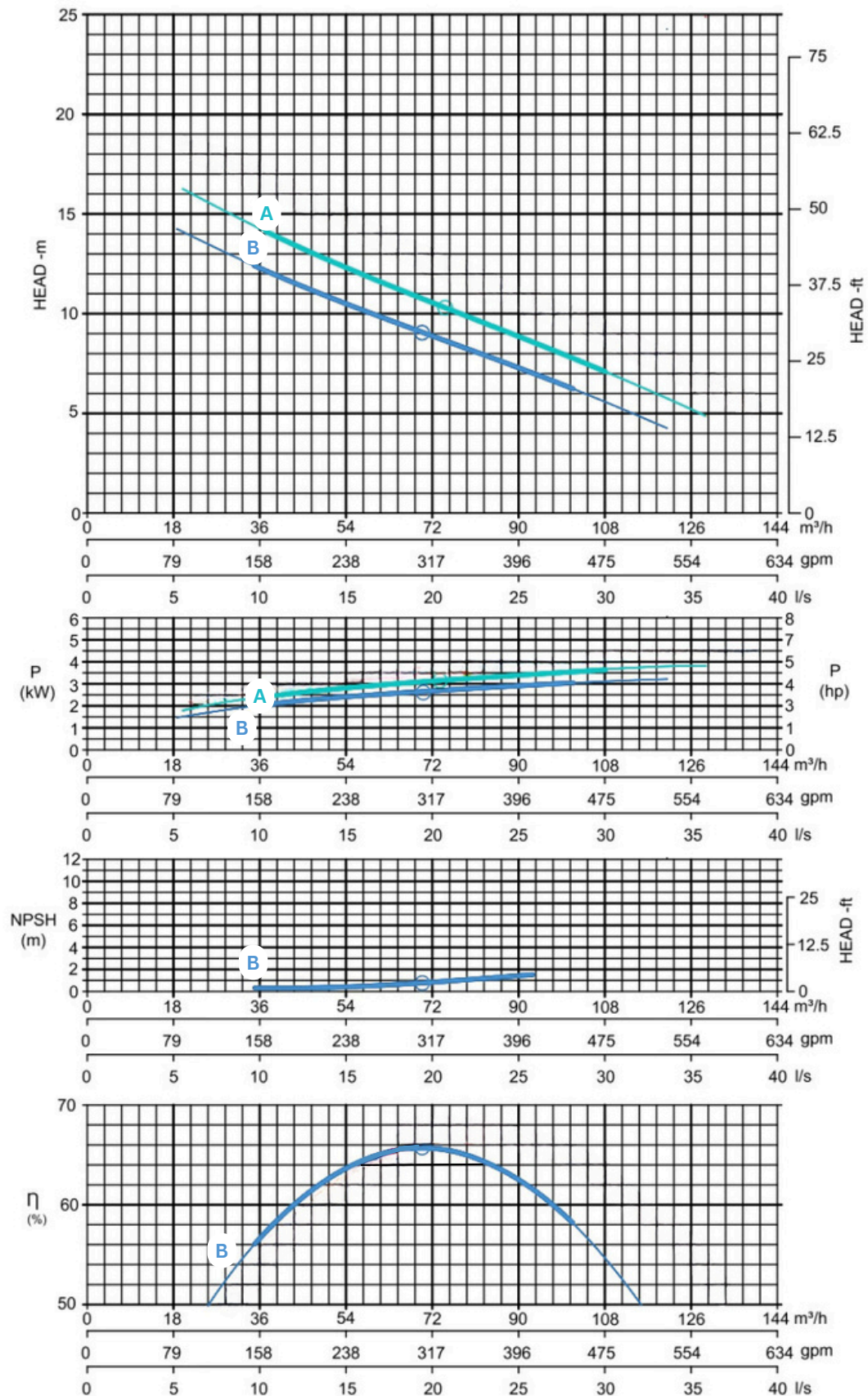




Curves at Speeds:

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)