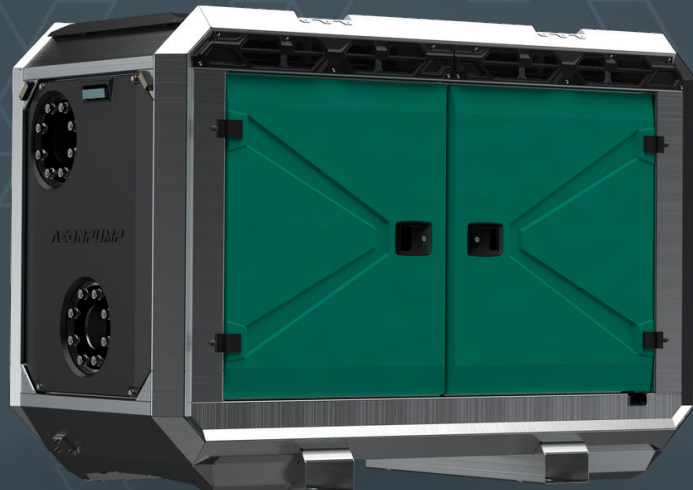


AEDONPUMP

RAPTOR 6E BENTONITE



ELECTRICALLY DRIVEN

BENTONITE PUMP

V1.25

FEATURES AND COMPETITIVE EDGE

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

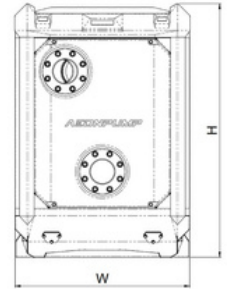
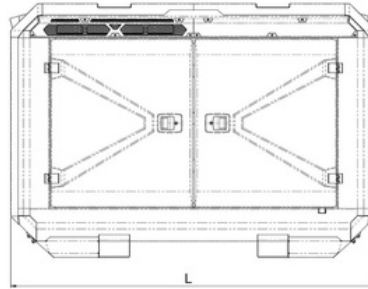
Frame LxWxH: **2299x1100x1601 mm /**
90.51x43.31x63.03 in

Dry weight: **1450 kg / 3200 lbs**

Sound level: **64 dB at 10 m/ at 33 ft**

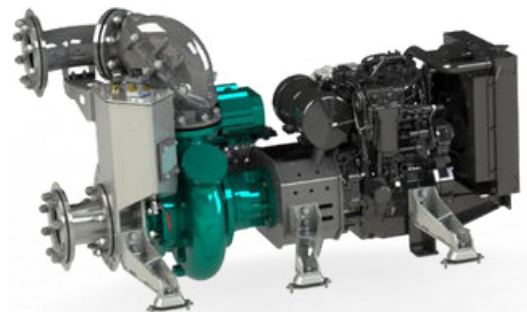
Engineered for Demanding Bentonite and Sludge Applications:

- Built for extended maintenance intervals in harsh conditions
- Premium components ensure long-lasting performance
- Equipped with online telemetry and remote monitoring options
- Exceptional efficiency that leads the industry



PUMP TECHNICAL SPECIFICATION

Pump	Max. flow: 500 m³/h / 2200 gpm
	Max. head: 46 m / 150 ft / 65 PSI
	Impeller type: Screw impeller
	Solids handling: 100 mm / 3.94 in
	Temperature: max. 40°C / 104°F
	Casing: GG25 (0.6025)
	Impeller: RL03 (1.4122)
	Suction Liner: HidroHard
	Suction liner: Adjustable by external regulation screws
	Wear Ring: Hidrolex
	Shaft: 1.4021
	Shaft Sealing: WC/SiC/NBR
	O-Rings: NBR
	Suction liner adjustable by external regulation screws





Electric Motor Power: **25 kW / 33.5 hp**
Rated Voltage: **400/690V 50/60 Hz**
Rotation speed: **1900 rpm**
Standard: **EC Directive 2005/32**



Priming System Pump type: **dry claw vacuum pump**
Air handling capacity: **60 m³/h / 35 CFM**
Max. vacuum: **9.0 m / 30 ft**
Electric motor: **1.3 kW / 1.74 hp**
Floatbox: **Hot dip galvanized Steel**
Non-return valve: **Ductile iron GJS400**
Check valve ball: **Rubber NBR**



ELECTRICAL MOTOR CONTROLLER OPTIONS

Standard Frequency converter

AEONPUMP Software
Automatic level control
Two float switches
Hydrostatic level sensor *
SMS alarm system *
Online telemetry *

*Optional



Retro Star Delta

Dual float switch
Phase control
Hour meter
Socket 64 A

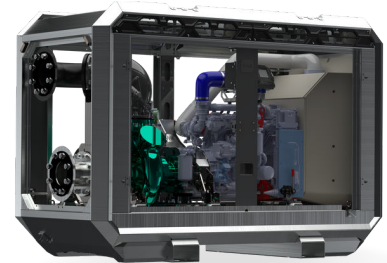


FRAME OPTIONS

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**



OPTIONS

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

* Optional



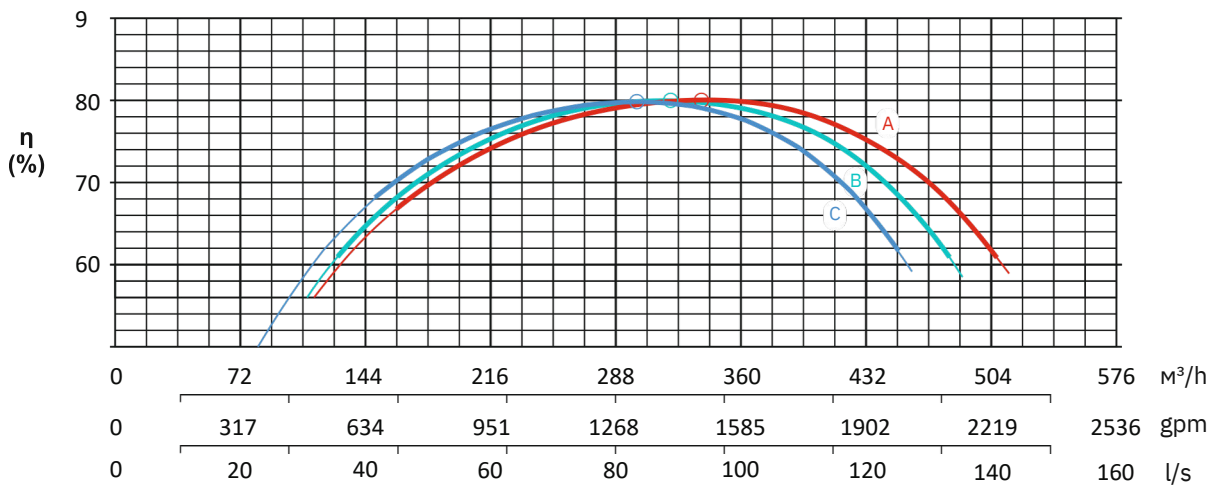
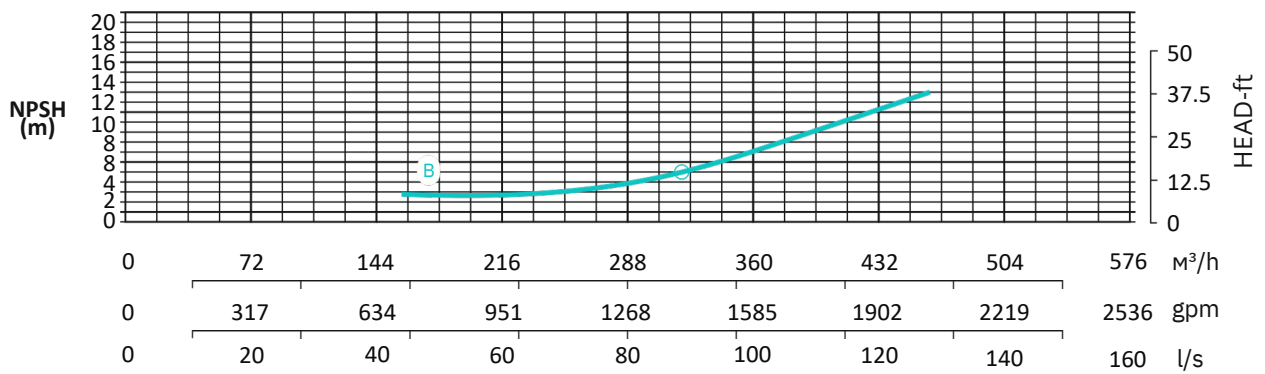
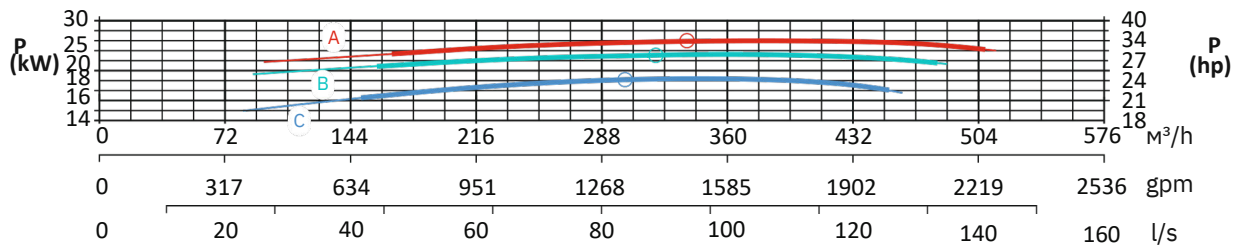
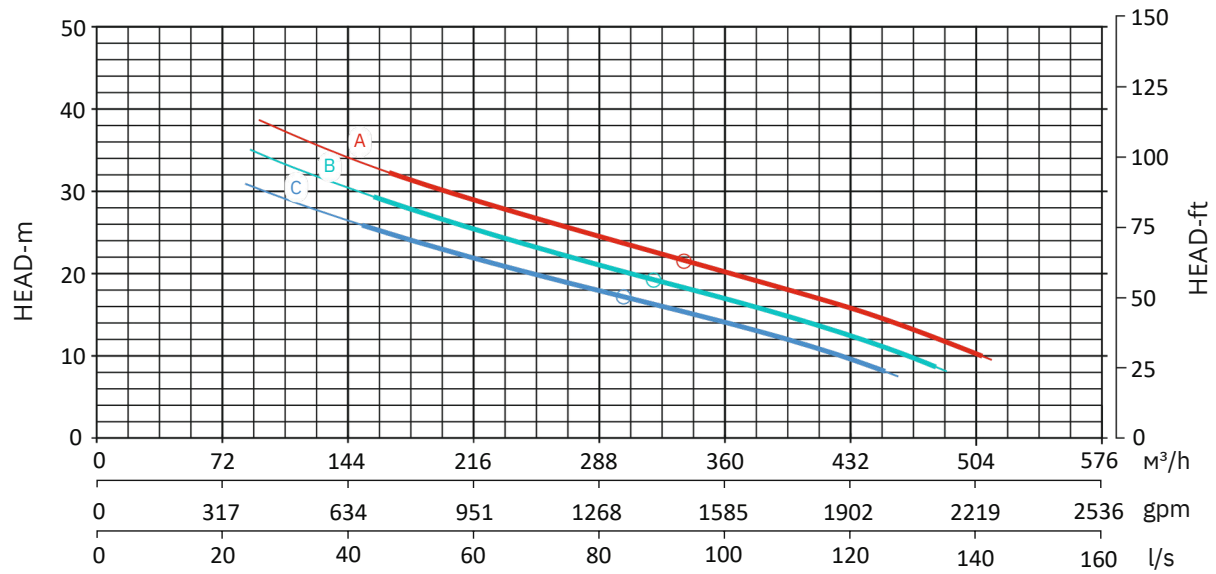
Flushing Optional Central Flushing System
Raptor Bentonite can be optionally fitted with a central flushing system, allowing for easy maintenance and helping to keep your sludge pump running at peak performance.

Curves at Speeds:

A 1900 rpm

B 1800 rpm

C 1700 rpm



Note: Pump power P include mechanical seal friction and bearing frame losses, from a run in bearing frame.