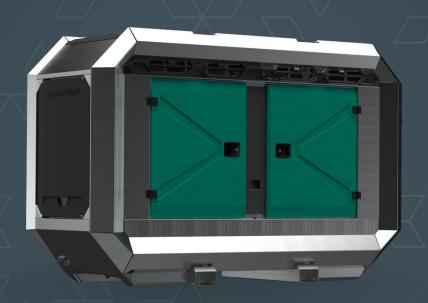


RAPTOR 8E HEAVY



4

ELECTRICALLY

DRIVEN SEWAGE
AND DEWATERING PUMP





Raptor 8E HEAVY

Electrically Driven Sewage and Dewatering Pump aeonpump.com © 2024

FEATURES AND COMPETITIVE EDGE

Type: Raptor 8E Heavy
Connection size: 8"

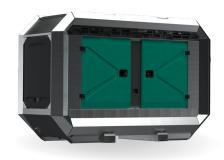
Frame LxWxH: 2700x1150x1820 mm

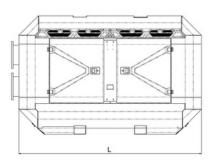
(106.3x45.3x71.7")

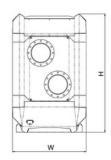
Dry weight: **1900 kg (4188.78 lbs)**

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: 630 m3/h (2772 gpm)

Max. pressure: 40 m (131.23 feet)

Impeller type: Screw impeller Solids handling: 115 mm (4.5")

Temperature: max. 40°C (max 104°F)

Wear Ring: **GG20** (0.6020)

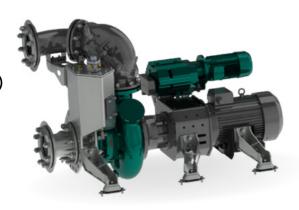
Shaft: **1.4021**

Shaft Sealing: WC/SiC/NBR

O-Rings: **NBR**

Casing: **GG25** (0.6025) Impeller: **GGG60** (0.7060) Suction Liner: **GG20** (0.6020)

Suction liner adjustable by external regulation screws.







Raptor 8E HEAVY

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Electrical Power: 30 kW (40.23 hp)

Motor Rated Voltage: 400/690V 50/60 Hz

4-pole: 1483 rpm



Priming System

Pump type: dry claw vacuum pump

Air handling capacity: 60 m3/h (35 CFM)

Max. vacuum: 9.0 m (29.5 feet)
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
Dual float switch
Hydrostatic level sensor *
SMS alarm system *
Online telemetry *

*Optional

Retro Star Delta

Dual float switch Phase control Hour meter Socket 125 A









FRAME OPTIONS

Silent Canopy type: Stackable

Canopy Material: Hot dip galvanized steel

Dimensions LxWxH: 2700x1150x1820 mm

(90.51x43.31x63.03")

Lifting point: Single lifting point

Forklift pockets: Installed



Open Canopy type: Stackable

Canopy Material: Hot dip galvanized steel

Dimensions LxWxH: 2700x1150x1820 mm

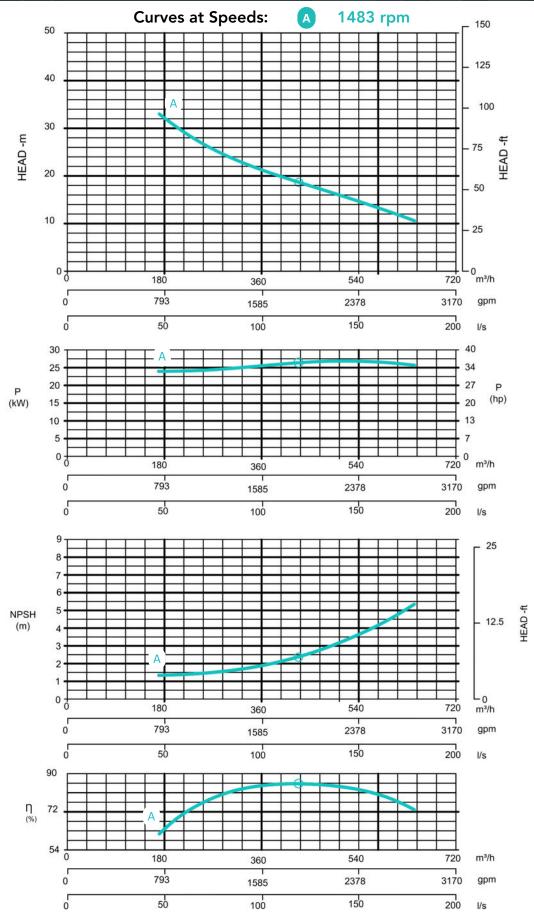
(90.51x43.31x63.03")

Lifting point: Single lifting point

Forklift pockets: Installed



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