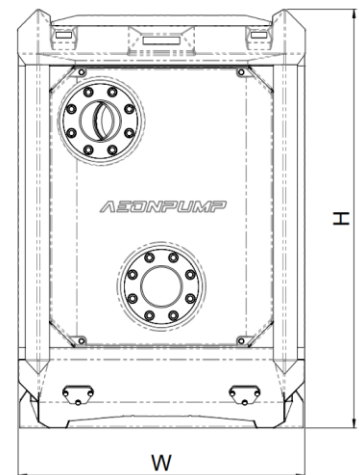
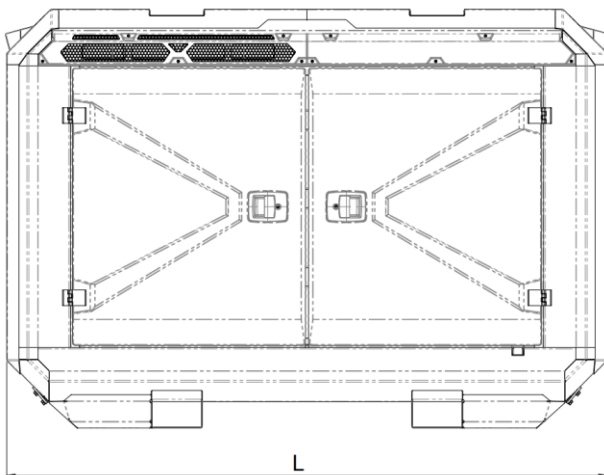


Pump specification:

Type: RAPTOR 4D
Max. flow: 165 m³/h
Max. pressure: 20 m
Connection size: 4"
Solids handling: 75 mm
Impeller type: screw impeller
Priming system: equipped
Diesel engine: 6.5kW
Emission standard: Stage V

Frame LxBxH: 2200x1000x1400 mm
Dry weight: 1500 kg



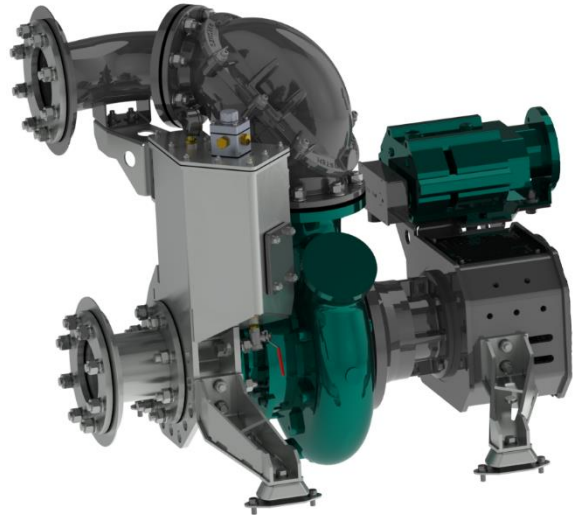
FEATURES AND COMPETITIVE EDGE

- Long maintenance intervals;
- High quality parts and long lifetime;
- Innovation, online telemetry and remote access capability;
- Designed for heavy duty applications in sewage, drainage and dewatering bypass;
- Industry leading efficiency;

PUMP TECHNICAL SPECIFICATION

Pump

Max. flow: 165m³/h
Max. pressure: 20 m
Impeller type: Screw impeller
Solids handling: 75 mm
Temperature: max. 40 °C
Casing: GG25 (0.6025)
Impeller: GGG60 (0.7060)
Suction Liner: GG20 (0.6020)
Suction liner adjustable by external regulation screws.
Wear Ring: GG20 (0.6020)
Shaft: 1.4021
Shaft Sealing: WC/SiC/NBR
O-Rings: NBR



Engine specification

Hatz 1D90
Cylinders: 1
Displacement liters: 0.722
Bore and stroke mm 104 x 85
Maximum power: 6.1kW @1700rpm
Variable speed: 1500-1700 rpm
Maximum torque: 21Nm @3000rpm
Combustion system: High Pressure Mechanical Direct Injection
Emission standard: Stage V



Priming system

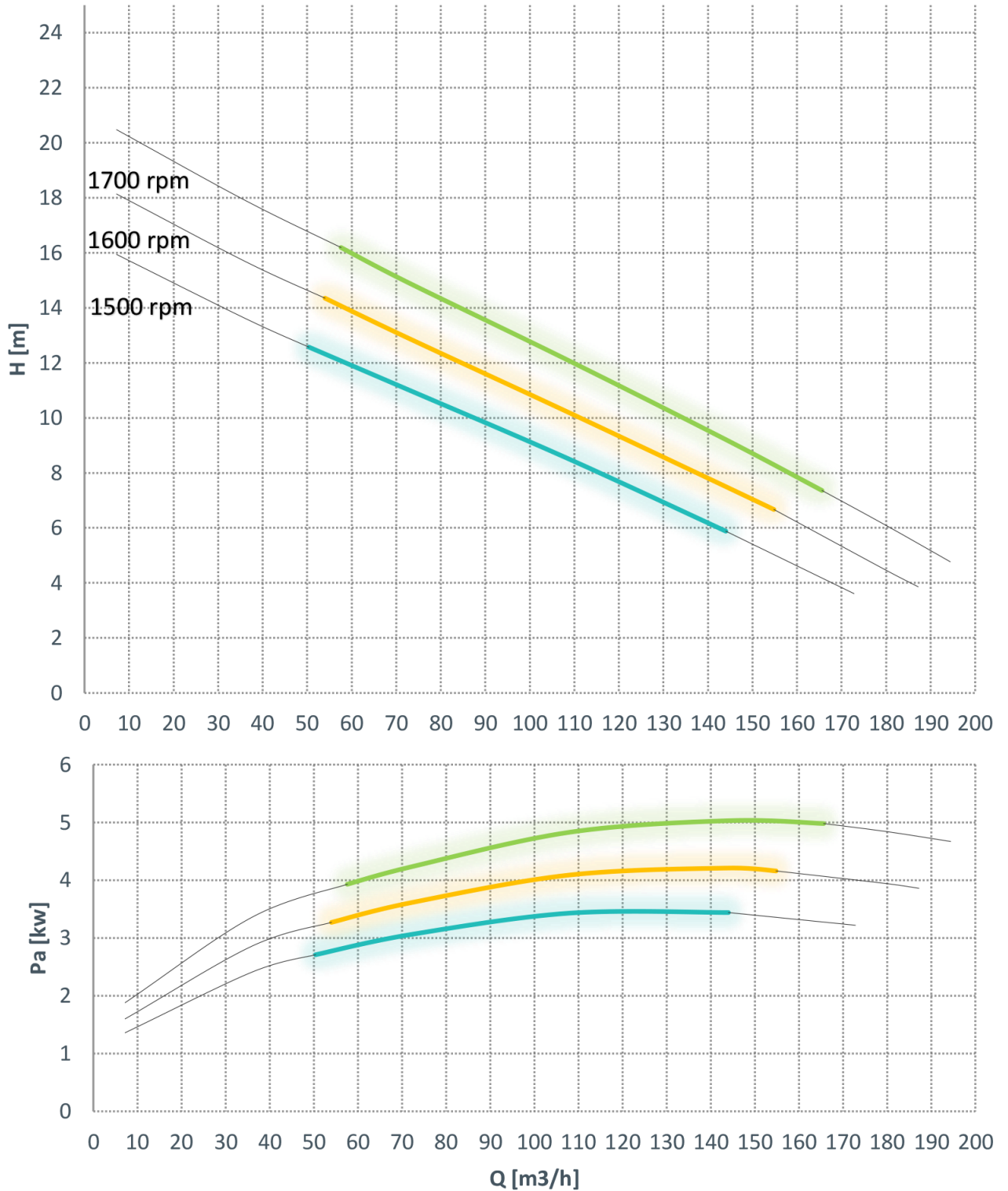
Air handling capacity: 60 m³/h
Max. vacuum: 9.0 m
Floatbox: HDG steel
Non return valve: Ductile iron GJS400
Check valve ball: Rubber NBR

Frame or canopy

Frame or canopy: Stackable
Material: Steel HDG
Dimensions LxWxH: 2200x1000x1400mm
Lifting point: Single lifting point
Forklift pockets: forklift pockets

Curves at speeds 1500 till 1700 rpm

(Testing according ISO 9906:2012-38)



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