

Pump specifications:

Type.....BA-C150H7 D418
 Max. flow850 m³/hour (3742 US GPM)
 Max. pressure..... 110 mwc (368 ft.)
 Connections..... Discharge DN150 - Suction DN250
 Solids handling 31 mm (1,22")
 Impeller type Closed impeller
 Priming system BBA MP50
 Engine Volvo Penta TAD1182VE
 Emission standard.. Stage V
 Canopy EL17-50
 Sound level..... Approx. 74 dB(A) at 10m
 Dry weight..... 7250 kg (15.950 lbs)

FEATURES

BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring a 100% mechanical priming system, the BA series pumps quickly prime and re-prime, even from dry conditions. The heavy build style of both pump and canopy make the BA range perfect for use in the strenuous contractor market.

World-class performance

The BA range is built to be deployed on the most demanding dewatering and sewage bypassing applications. Using high efficiency pumps and state-of-the-art diesel engines, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

Sustainability

- High efficiency pumps minimising fuel consumption
- Corrosion free hot dip galvanized canopy
- Corrosion free composite door panels and powder coated plating
- 100% Oil-spill free priming system
- Fully bunded unit eliminating fuel/oil spills at all times

Complete package designed & built by BBA Pumps

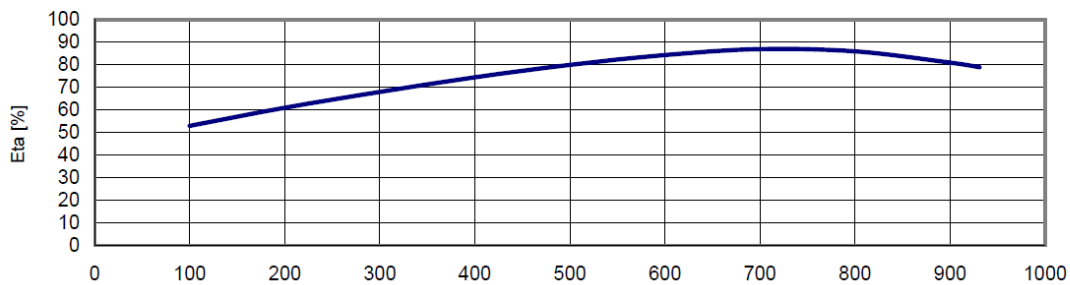
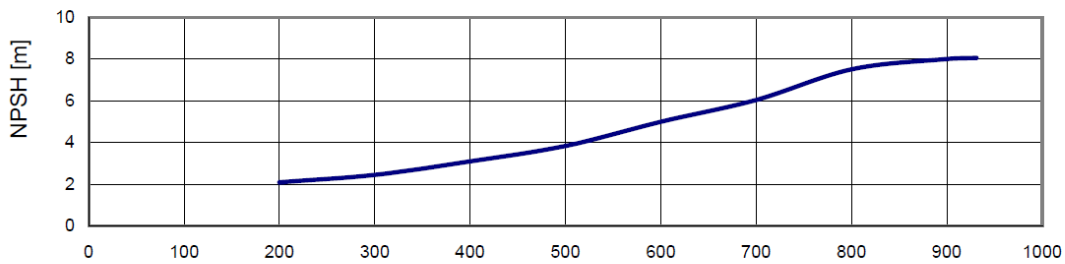
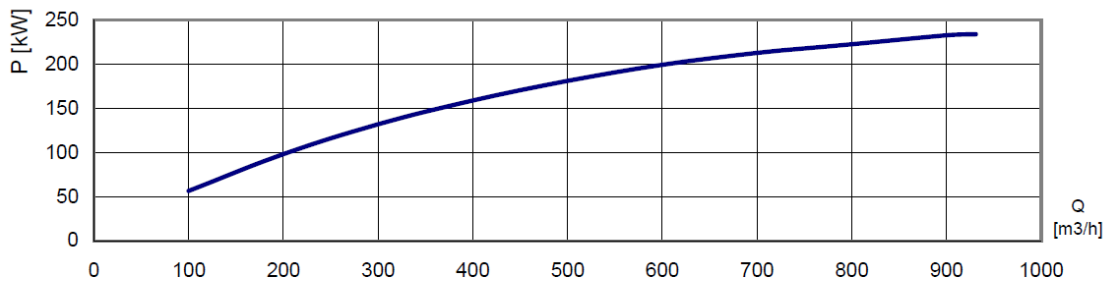
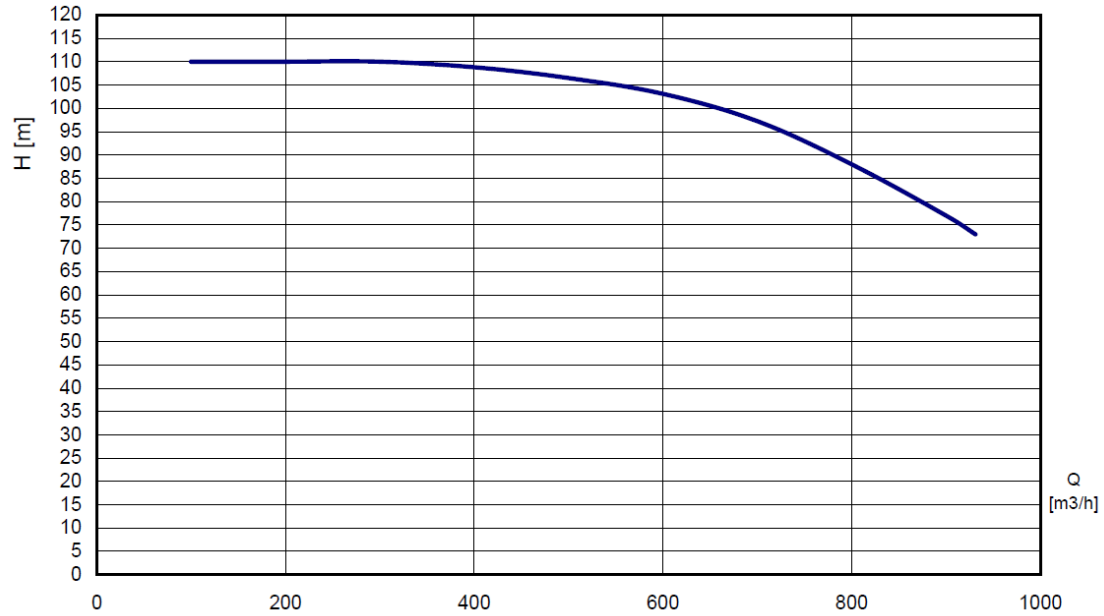
- Complete in-house design & production
- Over 60 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

After sales service & product support

- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing available
- Extensive training options available (technical & commercial), on-site or in-house

PERFORMANCE CURVES (2000 RPM)

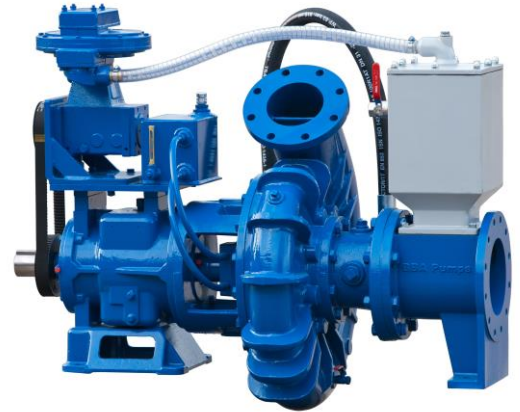
Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA-C150H7 D418
Max. flow.....	850 m ³ /hour (3742 US GPM)
Max. head.....	110 mwc (368 feet)
Impeller type.....	Closed impeller
Solids handling.....	31 mm (1.22 inch)
Pump casing.....	Cast iron GG20
Impeller.....	Silicon bronze
Wear ring.....	Astm SAE 660 bronze
Pump shaft.....	Stress-proof SAE 1144
Seal faces.....	Tungsten/Sic
DVS.....	Double Volute System
Additional.....	External balance line



BBA priming system

Pump type.....	BBA MP50 Diaphragm pump
Air handling capacity.....	50 m ³ /h (30 CFM)
Max. vacuum.....	8.5 m (29 inHg)
Drive.....	Toothed belt (continuous drive)
Float box.....	St. 37 hot dip galvanised
Float.....	304 stainless steel
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N

Engine

Engine brand.....	Volvo Penta
Engine type.....	TAD1182VE
Flywheel power.....	247 kW (336 Hp)
Max. engine speed.....	2000 RPM
Fuel consumption.....	220 g/kWh
Displacement.....	10.84 l
Number of cylinders.....	6
After treatment.....	SCR, DPF + DOC
Emission level.....	Stage V



BBA control panel LC30

- Auto start/stop system
- Two float switches included (10 m cable)
- Switch Manual-0-Auto
- RAMP-UP/DOWN function
- Rpm. control with push buttons
- Warning lights
- 4.3" LCD monitor

The LCD monitor displays additional engine data, e.g. actual engine speed, working hours, battery voltage, fuel consumption and failures in clear text (10 language support)



Fuel system

- PE Adblue® tank 300 L. net (80 US Gallon)
- Fuel tank steel 80 L. (21 US Gallon)
- Fitted with water separator & extra in-line fuel filter

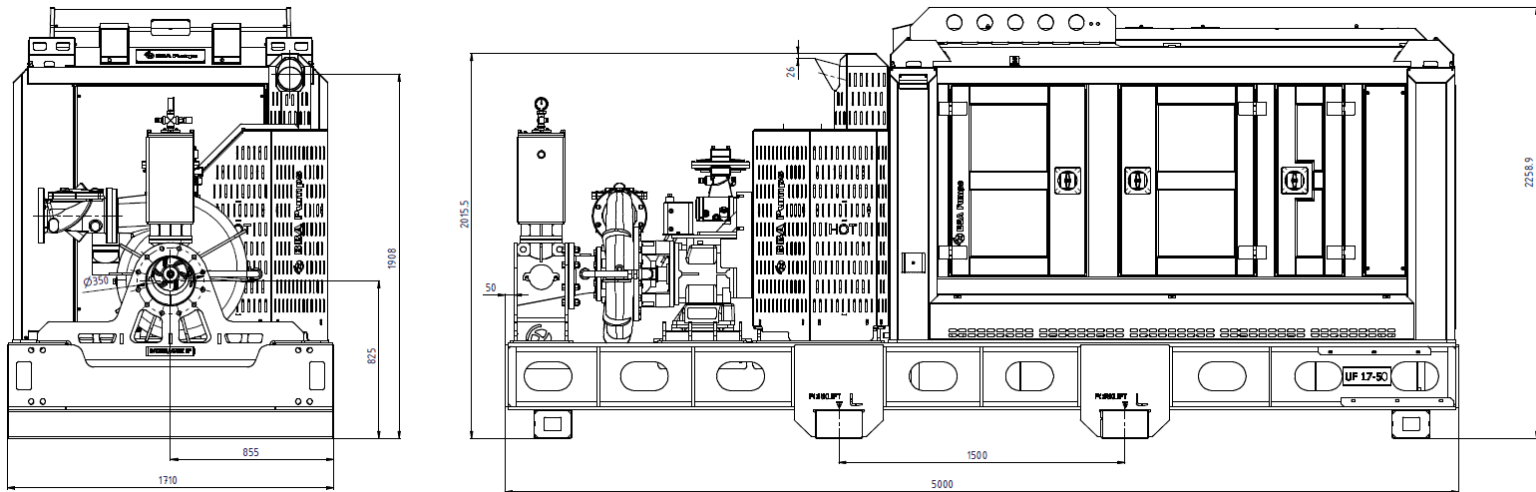
Electrical system & safety features

- Premium quality battery
- Low oil pressure / high temp. shut down
- Overload shutdown

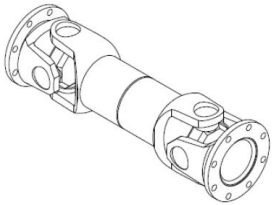
CANOPY EL17-50

BBA sound attenuating canopy

- Canopy type..... EL17-50
- Dimensions L x W x H 5000 x 1710 x 2260 mm
- Dimensions L x W x H 197 x 67.3 x 89 inch
- Basic frame Hot dip galvanised
- Doors 6 Easy-access doors (lockable)
- Door panels ABS/ASA
- AdBlue® tank..... PE net 300 ltr. (80 US Gallon)
- Fuel tank Steel net 80 ltr. (21 US Gallon)
- Fuel tank cap 60 mm (2.5 inch)
- Forklift pockets..... Fitted with 2 forklift pockets
- Lifting point Fitted with multiple lifting points
- Led lights 2 lights fully integrated in front canopy
- Connections Flange connections
- Emergency stop Upon request
- Additional Fitted with oil-water separator
- Documentation User manual & BBA warranty book



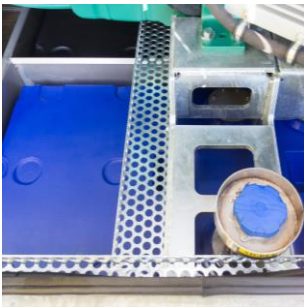
Actual dimensions (in mm) may vary depending on selected connections.



Cardan shaft
Cardan shaft between pump and diesel engine for smooth operation, assembly angle 2.5° - 3°



LED lights
Fully integrated in the canopy for easy operation throughout the evening and night.



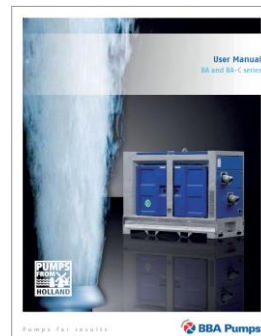
Fully banded unit
Fully banded unit eliminating fuel/oil and AdBlue® spills at all times.



Safety
Extremely durable and lockable T-locks offering perfect grip.



Factory Acceptance Test
Extensive testing facility in-house. FAT must be conducted formally and be witnessed by the owner and/or project manager.



User Manual BA and BA-C
Extensive user manual with important information concerning the pump unit, pump installation and safety warnings. Available in several languages.

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AQUATOR
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Pictures used are for illustration purposes only.