



Pump specifications:

Type.....	BA-C200S8 D495
Max. flow	1250 m ³ /hour (5500 US GPM)
Max. pressure	135 mwc (445 ft.)
Discharge x suction	8" ANSI x 14" DIN
Solids handling	62 mm - Enclosed impeller
Priming system	BBA MP100
Engine	Volvo Penta TAD1385VE
Emission standard	Stage V
Canopy	EL23-58
Sound level.....	Approx. 82 dB (A) at 10 m
Dry weight.....	9500 kg (20900 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

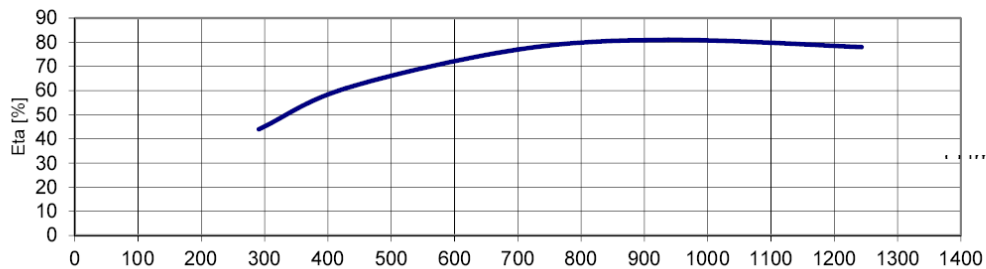
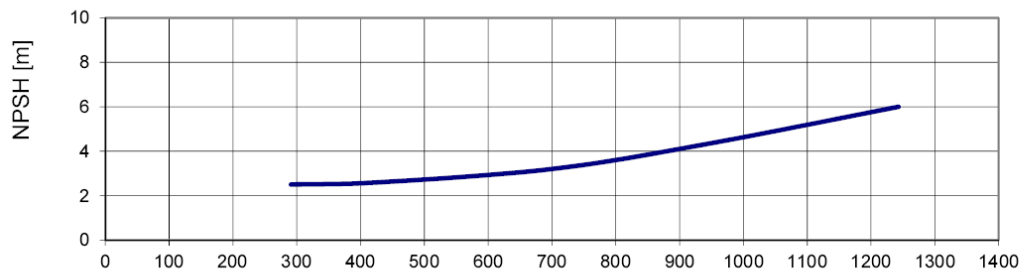
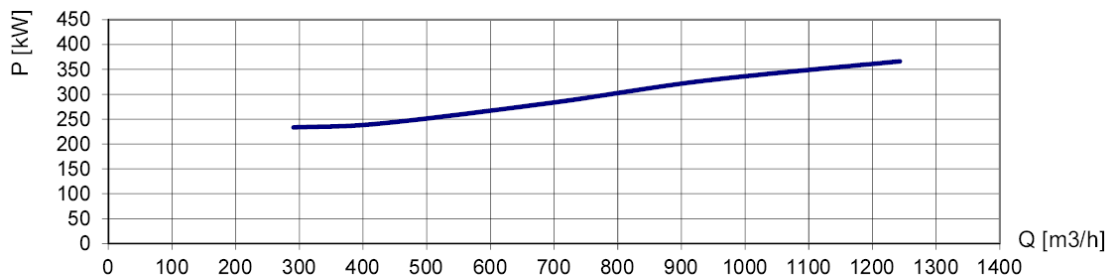
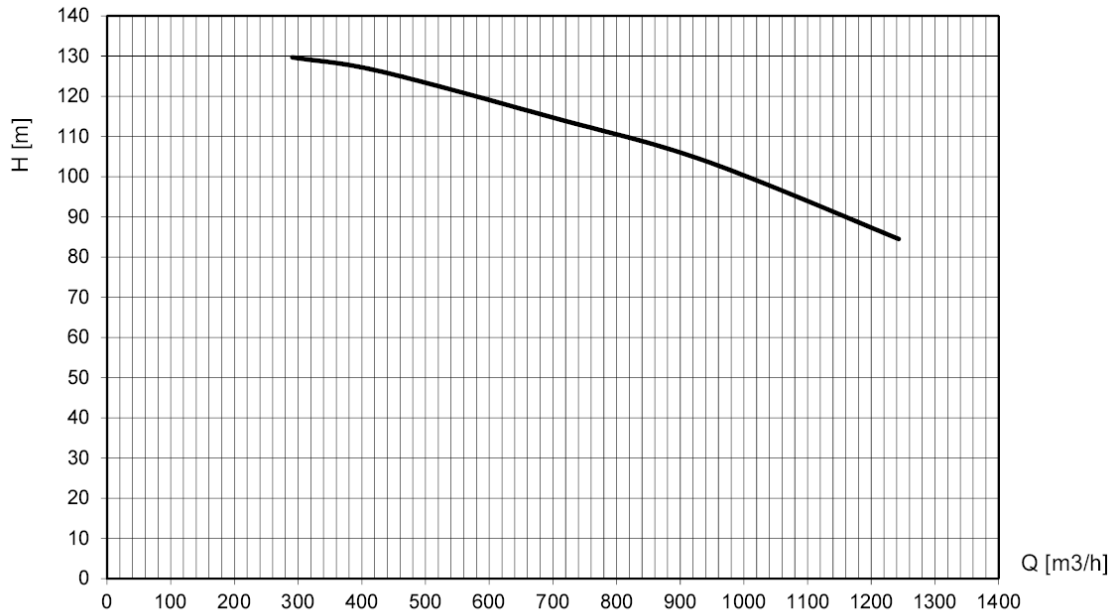
- Complete in-house design & production
- Over 60 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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 (1850 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA-C200S8 D495
Max. flow.....	1250 m ³ /hour max (5500 US GPM)
Max. head.....	135 mwc (445 ft.)
Impeller type.....	Enclosed impeller
Solids handling.....	62 mm (2.44 inch)
Pump casing.....	Ductile iron GGG50
Impeller.....	Ductile iron GGG70 (heat treated)
Shaft.....	Stainless steel 17-4Ph
Shaft seal.....	Cycloseal®
Seal faces.....	Tungsten/Sic
Additional.....	Run-dry option
DVS.....	Double Volute System



BBA priming system

Pump type.....	BBA MP100 Diaphragm pump
Air handling capacity.....	100 m ³ /h (59 CFM)
Max. vacuum.....	8.5 m (29 inHg)
Drive.....	E-motor 24V
Start/stop.....	Fully automatic
Float box.....	St 37 hot dip galvanised
Non return valve.....	GG25

Engine

Engine brand.....	Volvo Penta
Engine type.....	TAD1385VE
Flywheel power.....	395 kW (537 Hp)
Engine speed.....	1850 RPM
Rating.....	IFN power
Fuel consumption.....	205 g/kWh
Displacement.....	12.78 l
Number of cylinders.....	6
After treatment.....	SCR, DPF + DOC
Emission level.....	Stage V



BBA control panel LC45

- Auto start/stop system
- Two float switches included (10m cable)
- Key switch
- Rpm. control with push buttons
- Warning lights
- 4.3" LCD display

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



Fuel system

- PE fuel tank 300 L. net (80 US Gallon)
- Fuel tank cap Ø 60 mm
- Electronic fuel injection system

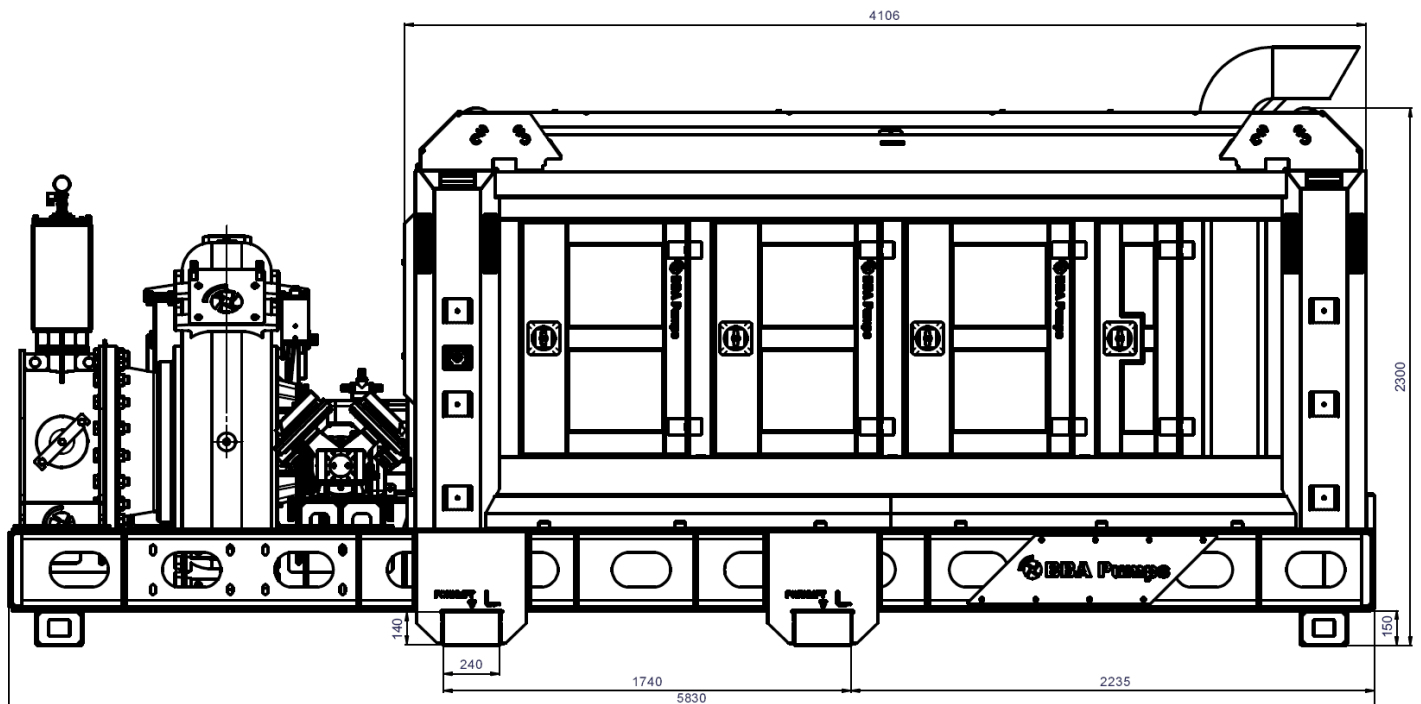
Electrical system & safety features

- Premium quality battery
- Low oil pressure shut down
- High temperature shut down

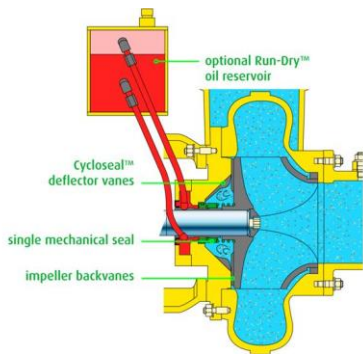
CANOPY EL23-58

BBA sound attenuating canopy

Canopy type.....	EL23-58
Dimensions L x W x H	5830 x 2306 x 2300 mm
Dimensions L x W x H	229 x 90.8 x 90.5 inch
Basic frame.....	Hot dip galvanized
Doors	8 Easy-access doors (lockable)
Door panels	ABS/ASA
Fuel tank	PE net 300 ltr. (80 US Gallon)
Fuel tank autonomy	3 hours (at 1800 rpm BEP)
Fuel tank cap	60 mm (2.5 inch)
AdBlue® tank.....	PE net 300 ltr.(80 US Gallon)
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point	Fitted with 4 lifting points
Oil drain pump	Drain pump for motor oil installed (hand pump)
Connections.....	Please consult "auxiliary items"
Exhaust system	Aftertreatment fully integrated in the canopy
Emergency stop.....	Applicable
Additional	Fitted with oil-water separator
Documentation	User manual & BBA warranty book



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



Cycloseal®
Cycloseal® design, with its unique deflector vanes, works with the impeller backvanes to create a cyclo-action. This action removes solids and abrasive material from the seal area.



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



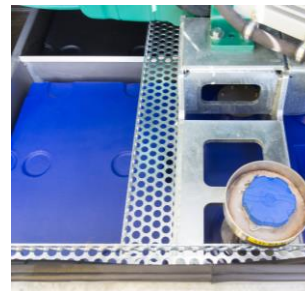
Factory Acceptance Test
Extensive testing facility in-house. FAT must be conducted formally and be witnessed by the owner and/or project manager.



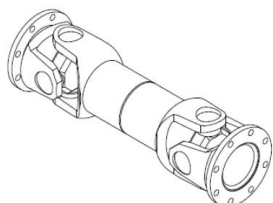
Large inspection covers
Easy access to float box, impeller and non-return valve.



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



Fully bunded unit
Fully stainless steel bunded unit eliminating fuel/oil and AdBlue® spills at all times.



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



Double vacuum pump
Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 100 m³ per hour.

Pictures used are for illustration purposes only.