



Pump specifications:

Type.....BA300E D388
 Max. flow 1450 m³/hour (6380 US GPM)
 Max. pressure 48 mwc (159 ft.)
 Connections.....DN300 x DN350 (12" x 14")
 Solids handling 120 x 105 mm
 Impeller typeSemi-open impeller
 Priming system BBA MP100
 EngineVolvo Penta TAD843VE
 Emission standard .. Stage II / Tier 2
 CanopyM14-40
 Sound level.....Approx. 80 dB(A) at 10 m
 Weight (net)5100 kg (11.220 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
- Emissions in accordance with the regulations in all continents except Europe & North America
- Corrosion free hot dip galvanised canopy
- Corrosion free composite door panels and powder coated plating
- 100% Oil-spill free priming system
- Fully bundled unit eliminating fuel/oil spills at all times

Complete package designed & built by BBA Pumps

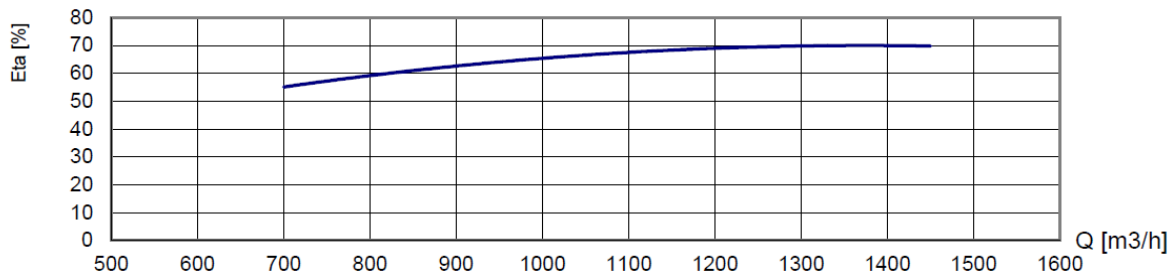
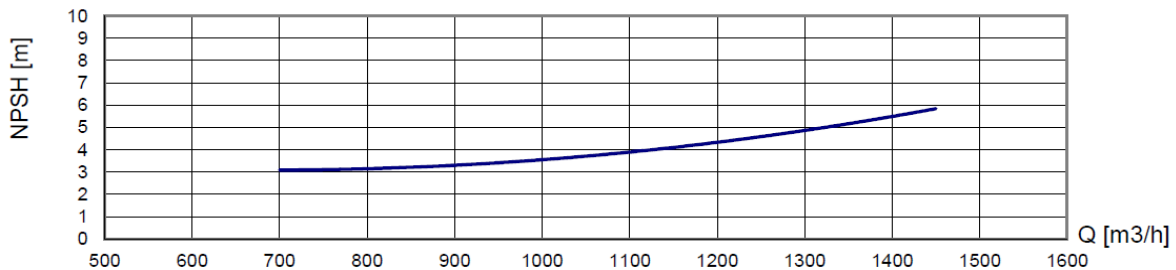
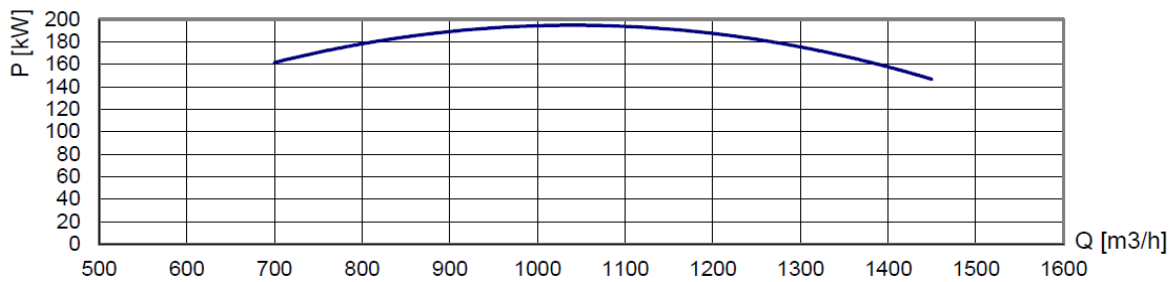
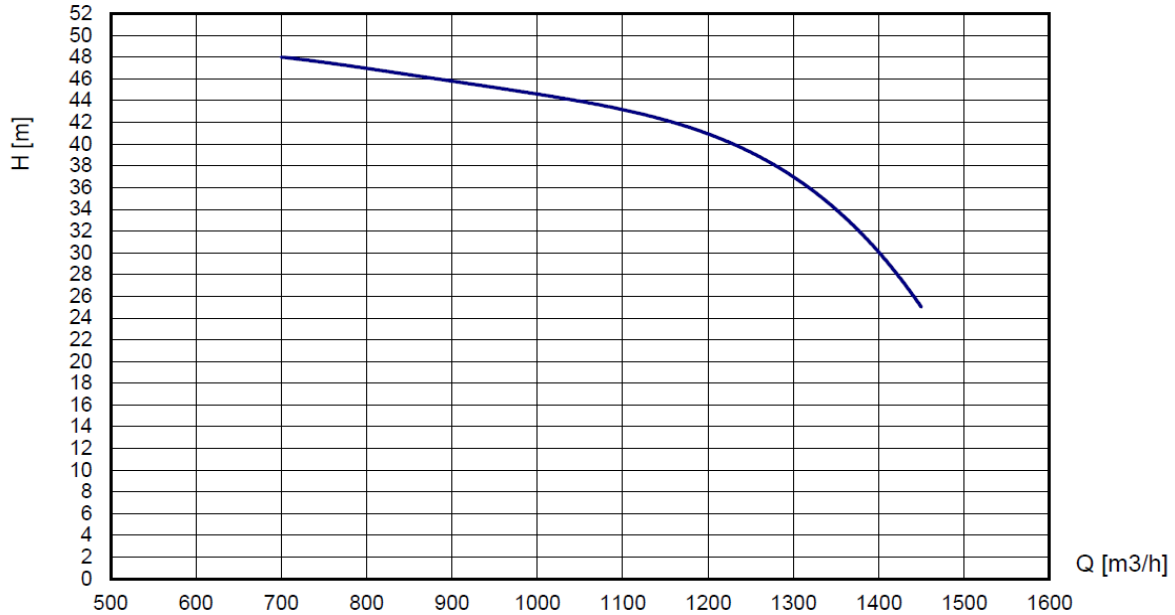
- Complete in-house design & production
- Over 60 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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 (1800 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA300E D388
Max. flow.....	1450 m ³ /hour (6380 US GPM)
Max. head.....	48 mwc (159 feet)
Impeller type.....	Semi-open impeller
Solids handling.....	120 x 105 mm (4.7 x 4 inch)
Best efficiency point.....	72%
Pump casing.....	Cast iron GG20
Impeller.....	Chrome Moly 42CrM04
Wear plate.....	Cast iron GG25
Pump shaft.....	42CrV6
Shaft seal.....	Mechanical seal
Seal faces.....	HM/HM
O-ring.....	Viton



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.....	Toothed belt (continuous drive)
Float box.....	Aluminium
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N



Engine

Engine brand.....	Volvo Penta
Engine type.....	TAD843VE
Flywheel power.....	235 kW (320 Hp)
Engine speed.....	1300 - 1800 RPM
Fuel consumption.....	202 g/kWh
Displacement.....	7.7 ltr
Number of cylinders.....	6
Aftertreatment.....	N/A
Emission standard.....	Stage II / EPA Tier 2

BBA control panel LC30

- Auto start/stop system
 - Two float switches included (10m 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 fuel tank 300 L. net (80 US Gallon)
- Fuel tank cap Ø 100 mm
- Electronic fuel injection system

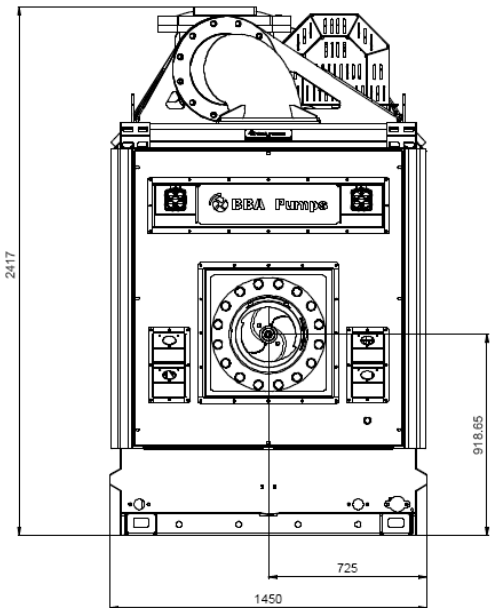
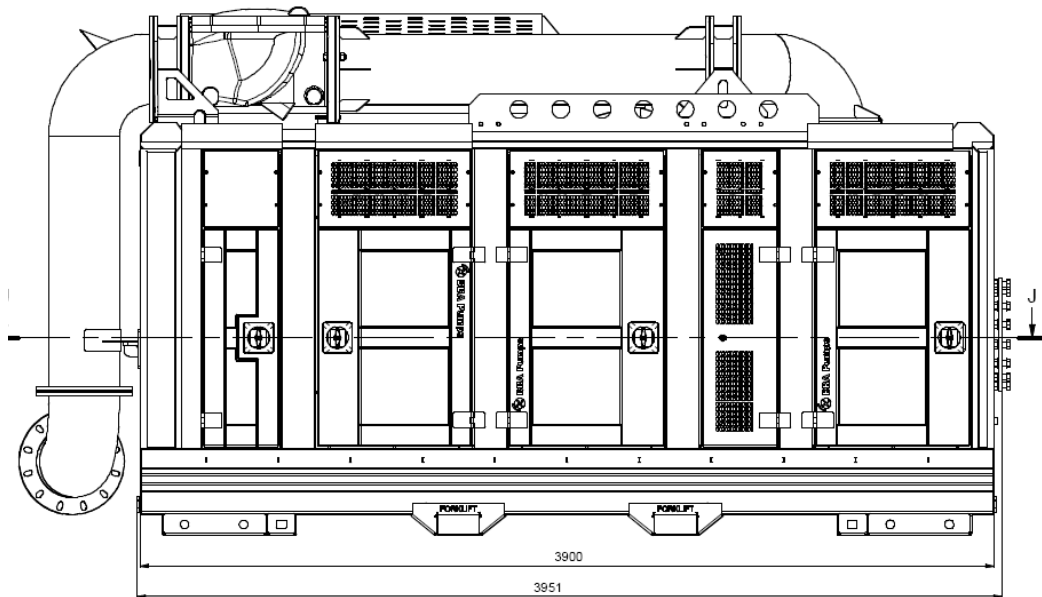
Electrical system & safety features

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

CANOPY M14-40 (discharge roof pipe)

BBA sound attenuating canopy

- Canopy type.....M14-40
- Dimensions L x W x H 3950 x 1450 x 2417 mm
- Dimensions L x W x H 156 x 57 x 95 inch
- Basic frame Hot dip galvanised
- Doors 8 composite easy-access doors (lockable)
- Fuel tank PE net 300 ltr (80 US Gallon)
- Fuel tank autonomy 6 hours (at 1800 rpm BEP)
- Fuel tank cap 100 mm (4 inch)
- Forklift pockets..... Fitted with 2 forklift pockets
- Lifting point Fitted with 2 lifting points
- Connections Flange connections
- Exhaust system Exhaust mounted on roof canopy
- Radiator box Genuine engine supplier
- Additional Fitted with oil-water separator
- Documentation box..... BBA user manual and warranty book



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



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



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



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



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



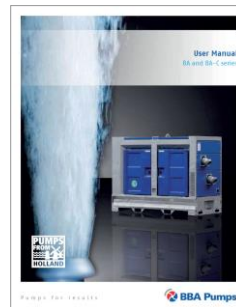
Fuel tank
Fully bunded, corrosion-free, 300 liter, high-density polyethylene (HDPE) fuel tank, located in base of canopy.



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



4 Year limited warranty
The BBA limited warranty covers years or operating hours whichever occurs first. For more details please consult the BBA warranty book.



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

Pictures used are for illustration purposes only.