



**Pump specifications:**

Type.....BA300E D388  
 Max. flow ..... 1450 m<sup>3</sup>/hour (6380 US GPM)  
 Max. pressure ..... 48 mwc (159 ft.)  
 Connections.....DN300 x DN350 (12" x 14")  
 Solids handling ..... 120 x 105 mm  
 Impeller type ..... Semi-open impeller  
 Priming system ..... BBA MP100  
 Engine ..... Volvo Penta TAD873VE  
 Emission standard .. Stage IV / Tier 4 final  
 Canopy ..... M14-40  
 Sound level.....Approx. 78 dB(A) at 10 m  
 Weight (net) .....5300 kg (11.660 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 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**

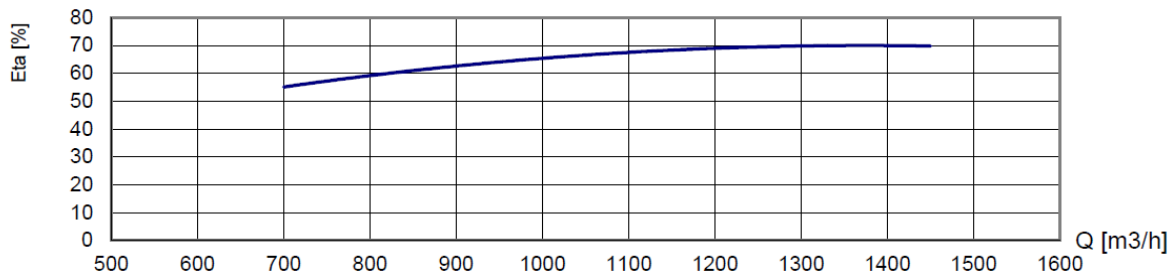
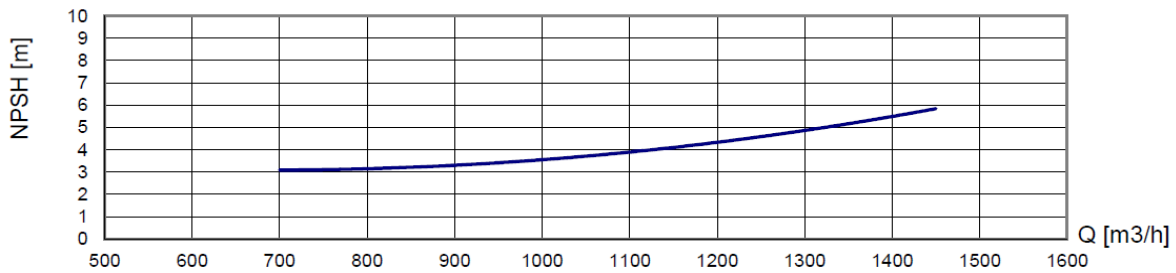
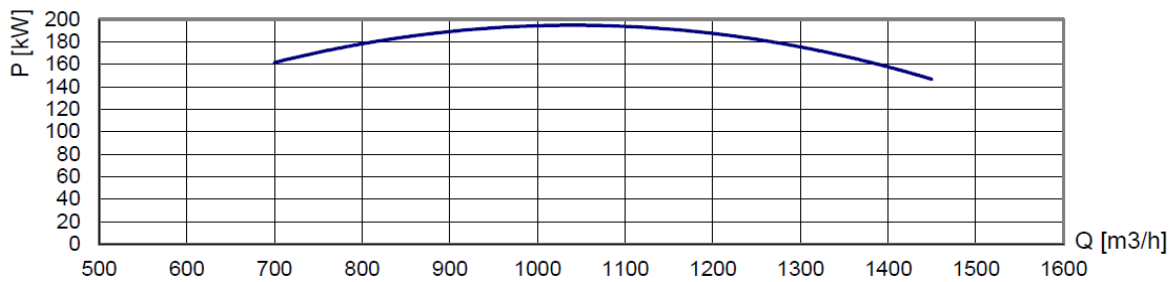
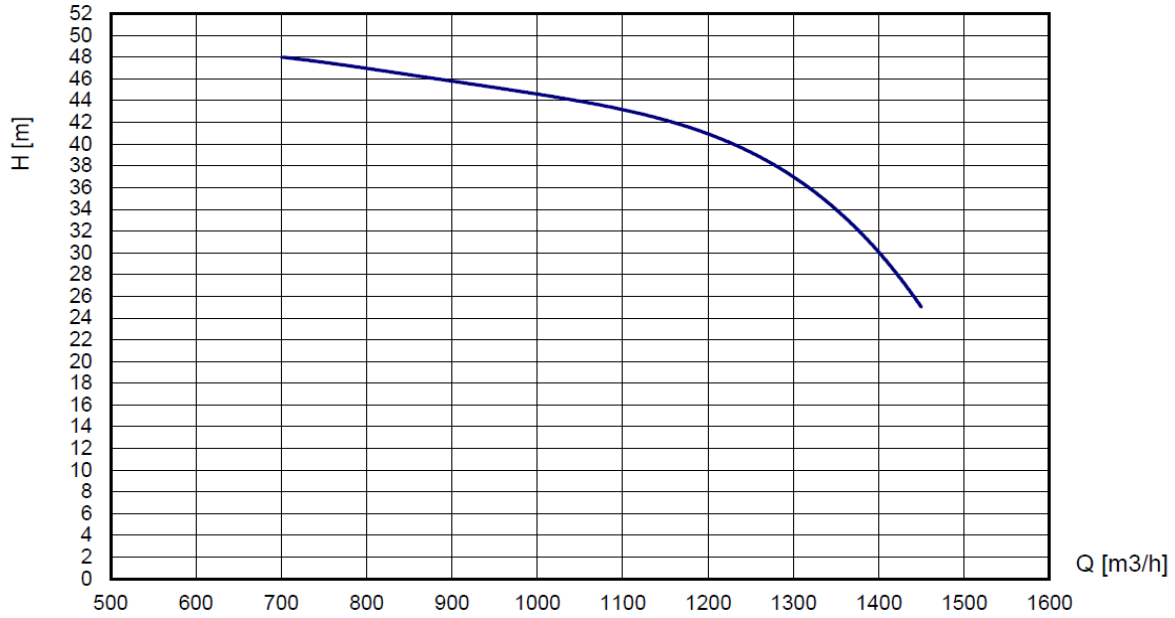
- Complete in-house design & production
- Over 60 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

**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 <sup>3</sup> /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.....	Ductile iron GGG70
Wear plate.....	Cast iron GG25
Pump shaft.....	42CrV6
Shaft seal.....	Mechanical seal
Seal faces.....	Tung/Tung
O-ring.....	Viton



**BBA priming system**

Pump type.....	BBA MP100 Diaphragm pump
Air handling capacity.....	100 m <sup>3</sup> /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.....	TAD873VE
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.....	SCR (=AdBlue)
Emission standard.....	Stage IV / Tier 4 final

**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**

- Fuel tank 700 L. net (185 US Gallon)
- AdBlue® tank 180 L. net (48 US Gallon)
- Electronic fuel injection system

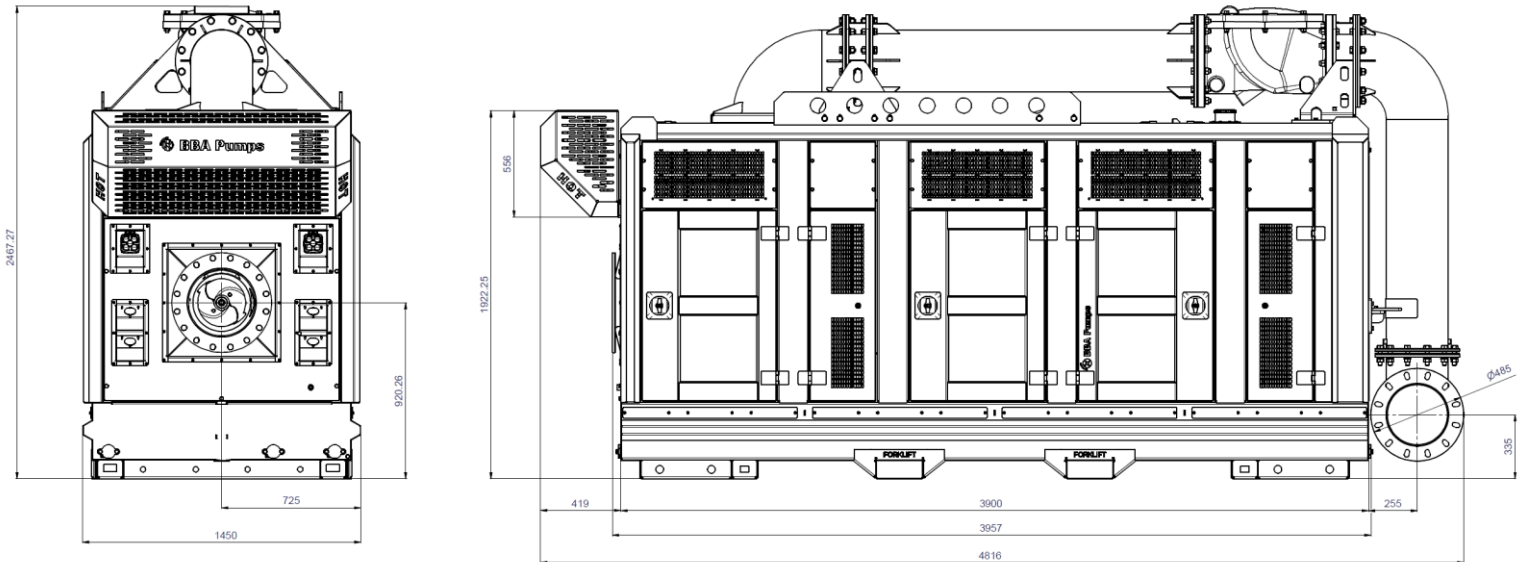
**Electrical system & safety features**

- 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 .....	4816 x 1450 x 2467 mm
Dimensions L x W x H .....	189.6 x 57 x 97 inch
Basic frame .....	Hot dip galvanised
Doors .....	6 composite easy-access doors (lockable)
Fuel tank .....	PE net 700 ltr (185 US Gallon)
Fuel tank autonomy .....	14 hours (at 1800 rpm BEP)
Fuel tank cap .....	100 mm (4 inch)
Adblue® tank .....	PE net 180 ltr (48 US Gallon)
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point .....	Fitted with lifting points
Connections.....	Flange connections
Exhaust system .....	Muffler mounted on front canopy
Aftertreatment.....	Fully integrated in the canopy
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.



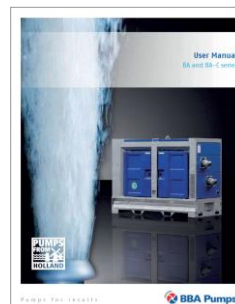
**Large inspection covers**  
Easy access to float box, impeller and non-return valve.



**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.