



Pump specifications:

Type.....	BA300E D388
Max. flow	1450 m ³ /hour (6380 US GPM)
Max. pressure	48 mwc (159 ft.)
Discharge x suction	12" x 14" flanges
Solids handling	120 x 105 mm
Impeller type	Semi-open impeller
Priming system	BBA MP100
Engine	Volvo Penta TAD883VE
Emission standard	Stage V
Canopy	M14-40
Sound level.....	73 dB(A) at 10 m
Dry weight.....	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 galvanized 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

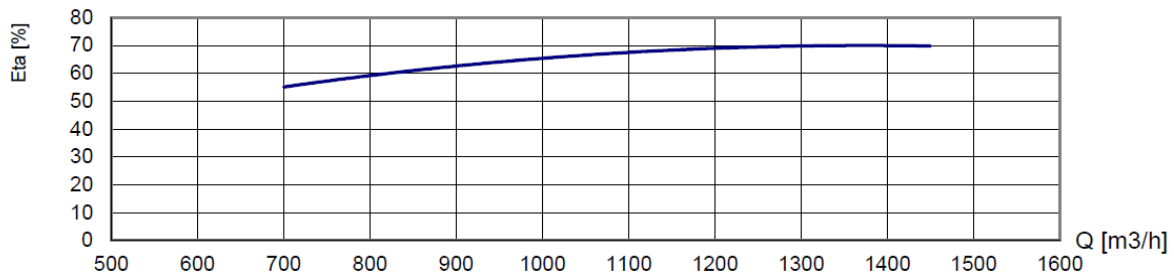
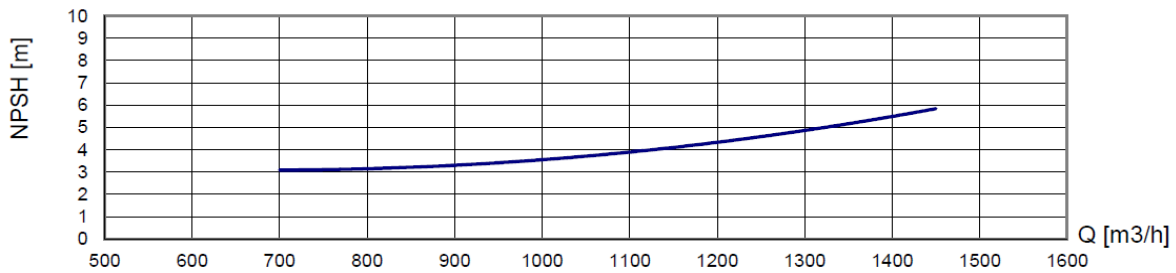
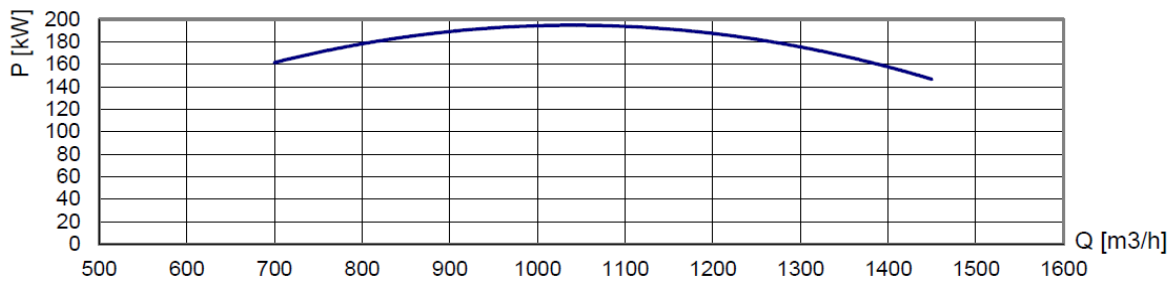
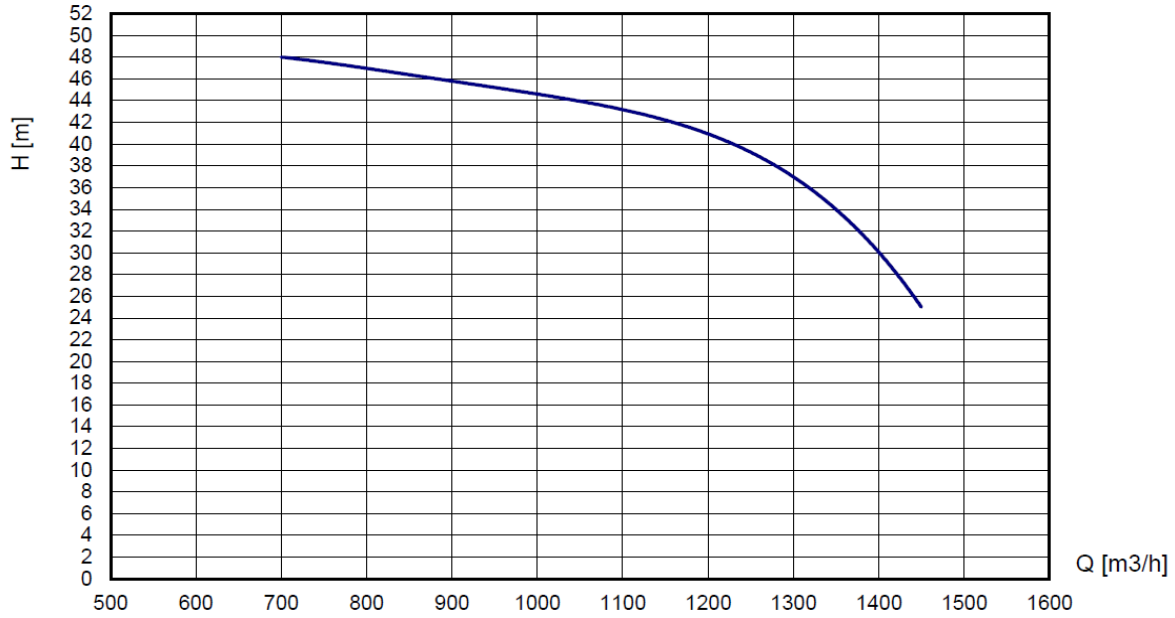
- Complete in-house design & production
- Over 60 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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.....	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 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.....	TAD883VE
Flywheel power.....	235 kW (320 Hp)
Engine speed.....	1300 - 1800 RPM
Fuel consumption.....	202 g/kWh
Displacement.....	7.7 ltr
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

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

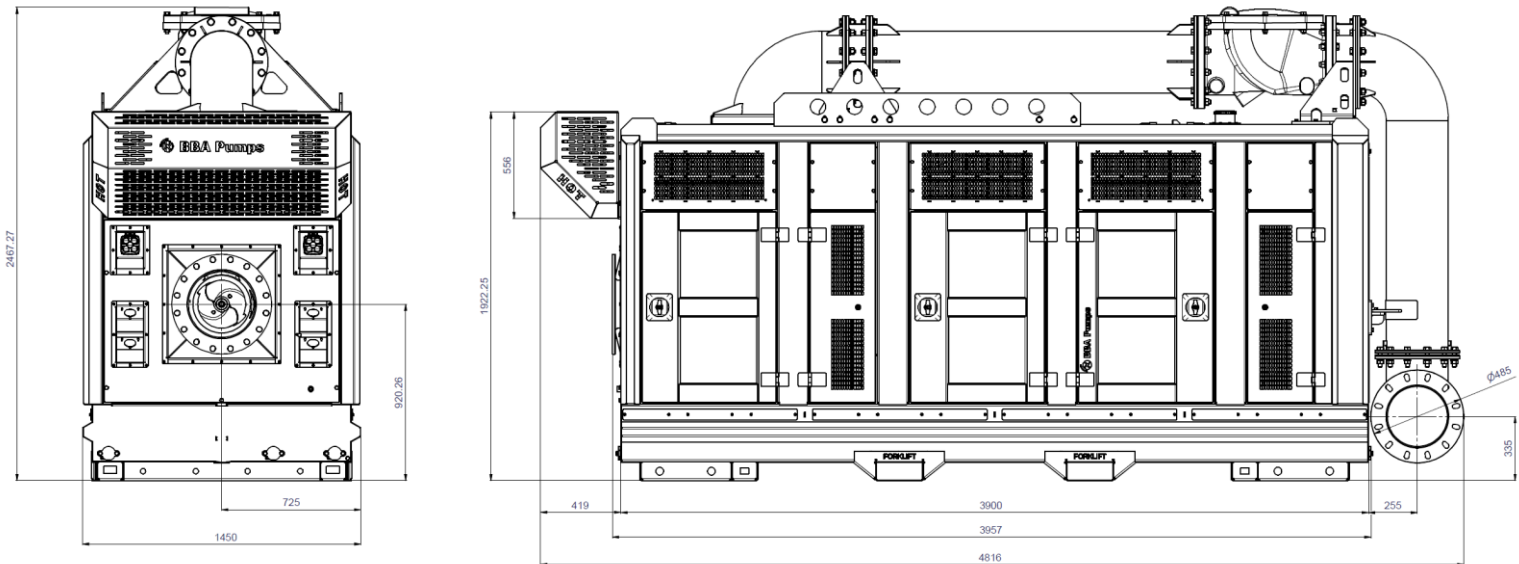
Electrical system & safety features

- 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
- Discharge connection 12" DIN / ANSI flange with PCD K400 / K431,8 (12 holes)
- Suction connection 14" DIN / ANSI flange with PCD K470 / K476,2 (16 holes)
- Basic frame.....Hot dip galvanised
- Doors6 composite easy-access doors (lockable)
- Fuel tankPE net 700 ltr (185 US Gallon)
- Fuel tank autonomy 14 hours (at 1800 rpm BEP)
- Fuel tank cap 100 mm (4 inch)
- Adblue® tankPE net 180 ltr (48 US Gallon)
- Forklift pockets..... Fitted with 2 forklift pockets
- Lifting point Fitted with lifting points
- 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
Extensive user manual with important information concerning the pump unit, pump installation and safety warnings. Available in several languages.

Myynti: Aquator Oy
puh. 044 788 1620
puh. 044 088 1620
info@aquator.fi

AQUATOR
water technologies

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