


Pump specifications:

Type.....	BA300E D388
Max. flow	6380 US gpm (1450 m3/hour)
Max. pressure.....	159 ft. / 69 PSI (48 mwc)
Discharge x suction	12" x 14" flanges
Solids handling	4.7" x 4.1"
Impeller type	Open impeller
Priming system	BBA MP100
Engine	Volvo Penta TAD873VE
Emission standard	Tier 4 final
Canopy	M14-40
Sound level.....	73 dB(A) at 33 ft.
Dry weight.....	11,660 lbs. (5300 kg)

FEATURES
BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring a fully automatic 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 demanding construction market.

World-class performance

The BA range is built to be deployed on the most demanding 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 EPA Tier regulations
- Corrosion free hot dip galvanized canopy
- Corrosion free composite door panels and powder coated plating
- 100% Oil-spill free priming system
- Fully self-contained unit featuring a double wall fuel containment tank and fluid containment system eliminating fuel/oil spills at all times

Complete package designed & built by BBA Pumps

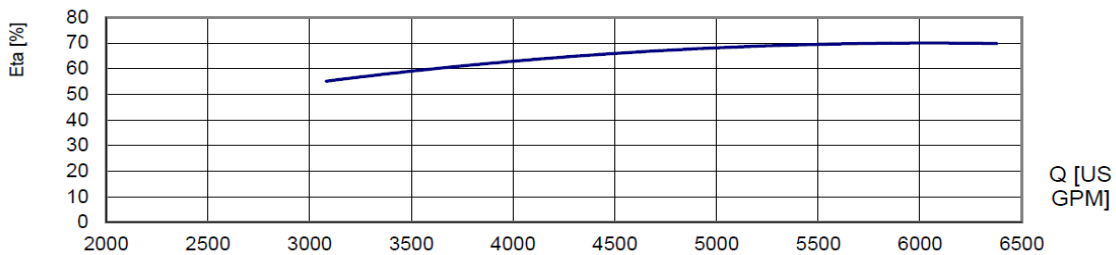
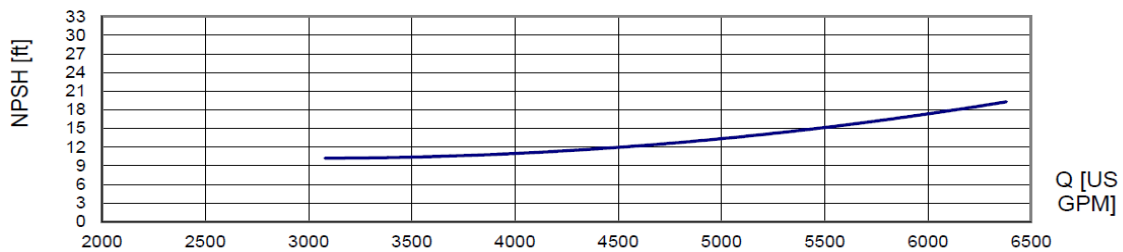
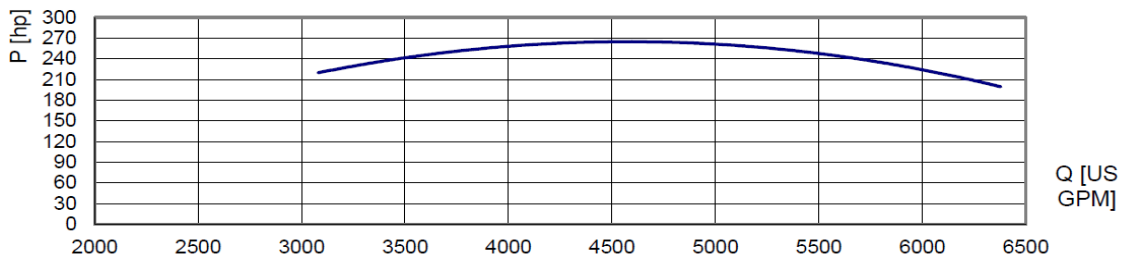
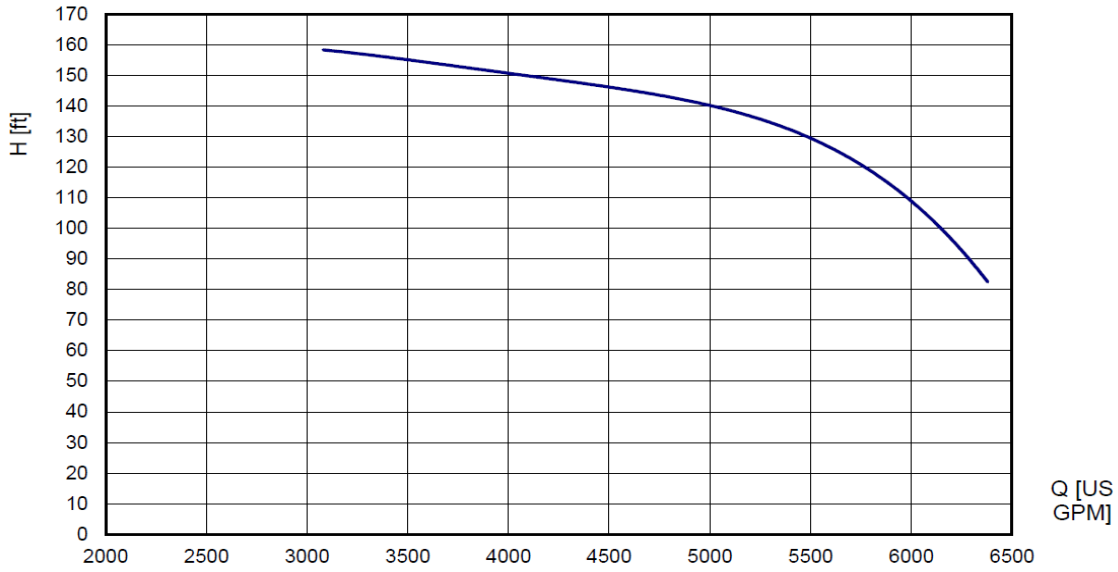
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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
- 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.....6380 US gpm (1450 m³/hour)
 Max. head.....159 feet / 69 PSI (48 mwc)
 Impeller type.....Open impeller
 Solids handling.....4.7 x 4.1 inch (120 x 105 mm)
 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.....59 CFM (100 m³/h)
 Max. vacuum.....29 inHg (8.5 m)
 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.....320 Hp (235 kW)
 Engine speed.....1300 - 1800 RPM
 Fuel consumption.....202 g/kWh
 Displacement.....7.7 ltr
 Number of cylinders.....6
 Aftertreatment.....SCR (=AdBlue)
 Exhaust emission US.....Tier 4 final

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

Fuel system

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



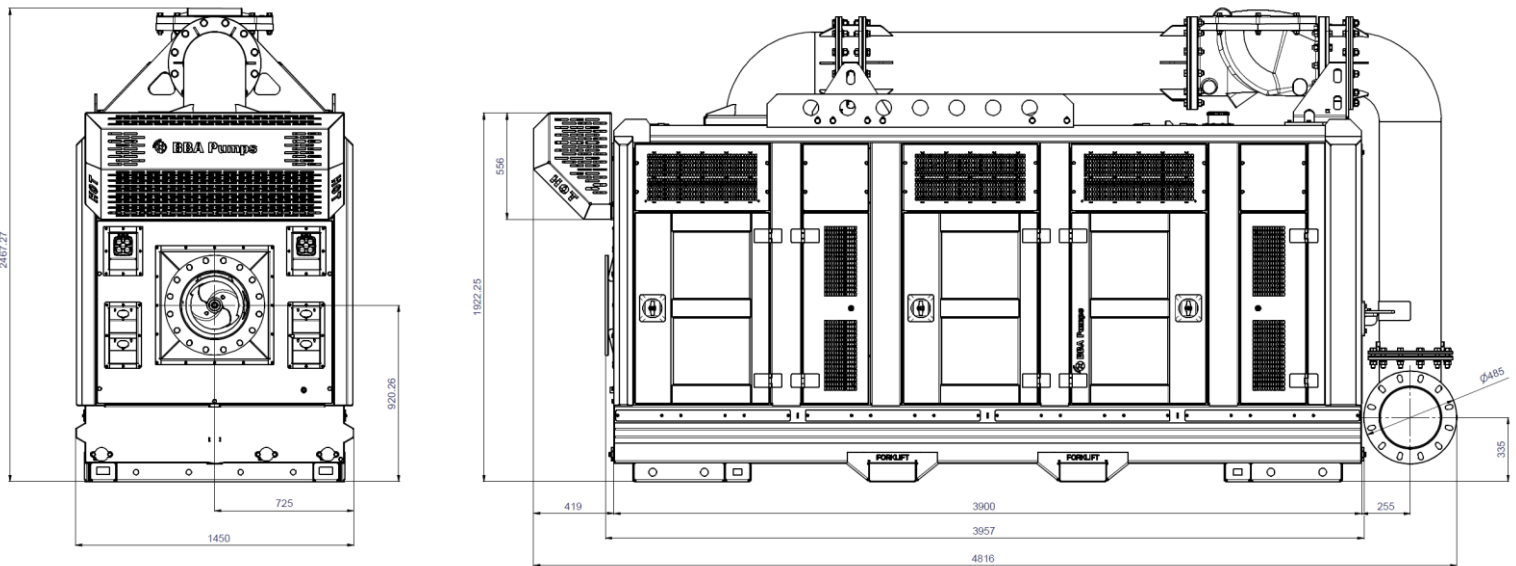
Electrical system & safety features

- Nominal voltage 24 Volt
- Premium quality battery
- Engine safety features like overload shutdown

CANOPY M14-40 (discharge roof pipe)

BBA sound attenuating canopy

- Canopy type.....M14-40
- Dimensions L x W x H 189.6 x 57 x 97 inch
- Dimensions L x W x H 4816 x 1450 x 2467 mm
- 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
- Doors8 composite easy-access doors (lockable)
- Fuel tankPE net 185 US Gallon (700 L.)
- Fuel tank autonomy 14 hours (at 1800 rpm BEP)
- Fuel tank cap4 inch (100 mm)
- Adblue® tankPE net 48 US Gallon (180 L.)
- Forklift pockets.....Fitted with 2 forklift pockets
- Lifting pointFitted with lifting points
- Exhaust systemMuffler mounted on front canopy
- Aftertreatment.....Fully integrated in the canopy
- AdditionalFitted 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.

Pictures used are for illustration purposes only.