



**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" (DN300 x DN350)
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**

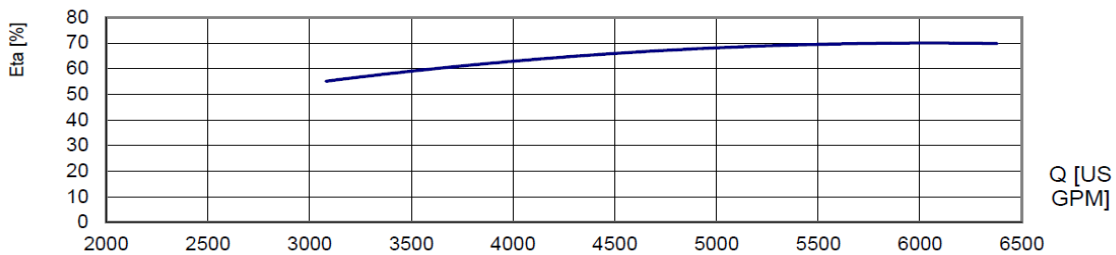
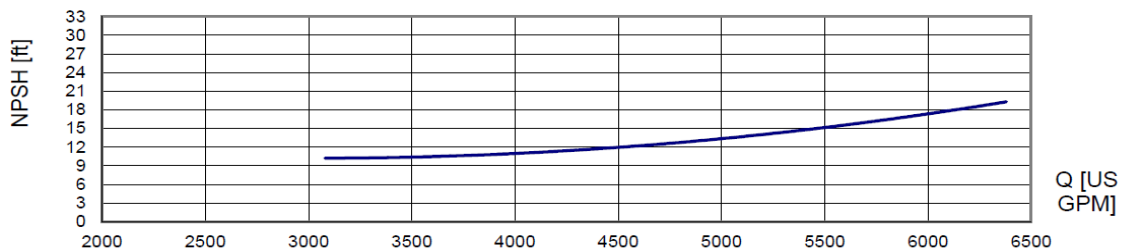
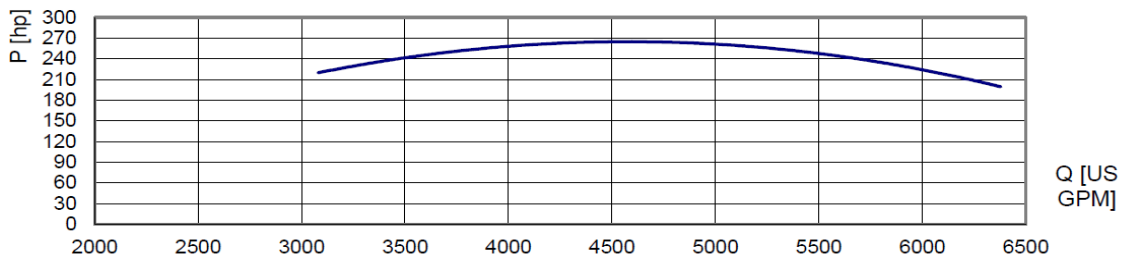
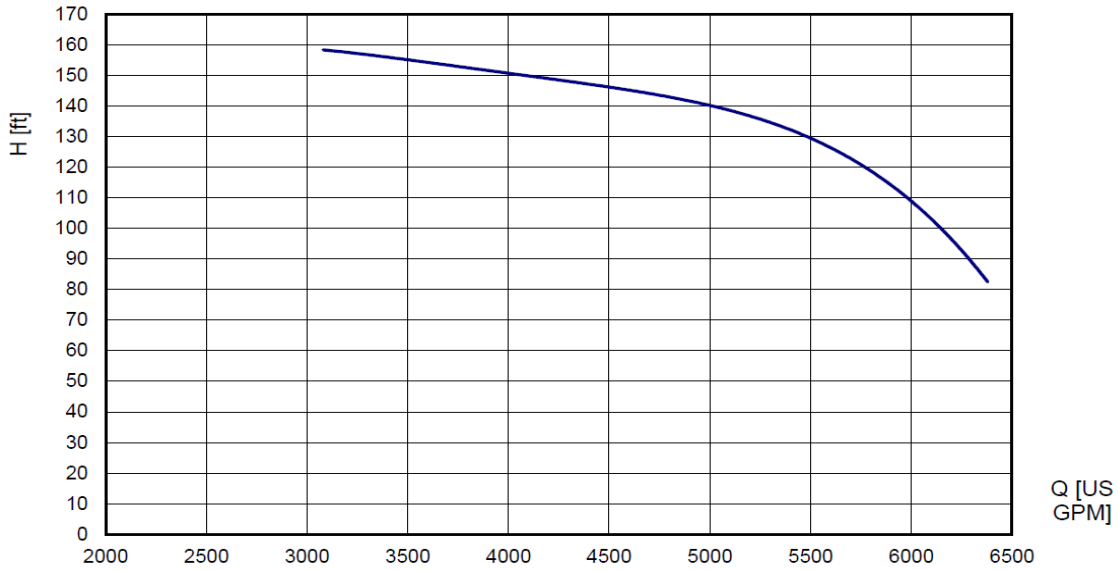
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



**1-833-360-PUMP**

**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 m<sup>3</sup>/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 m<sup>3</sup>/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

**Lofa 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

**Fuel system**

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



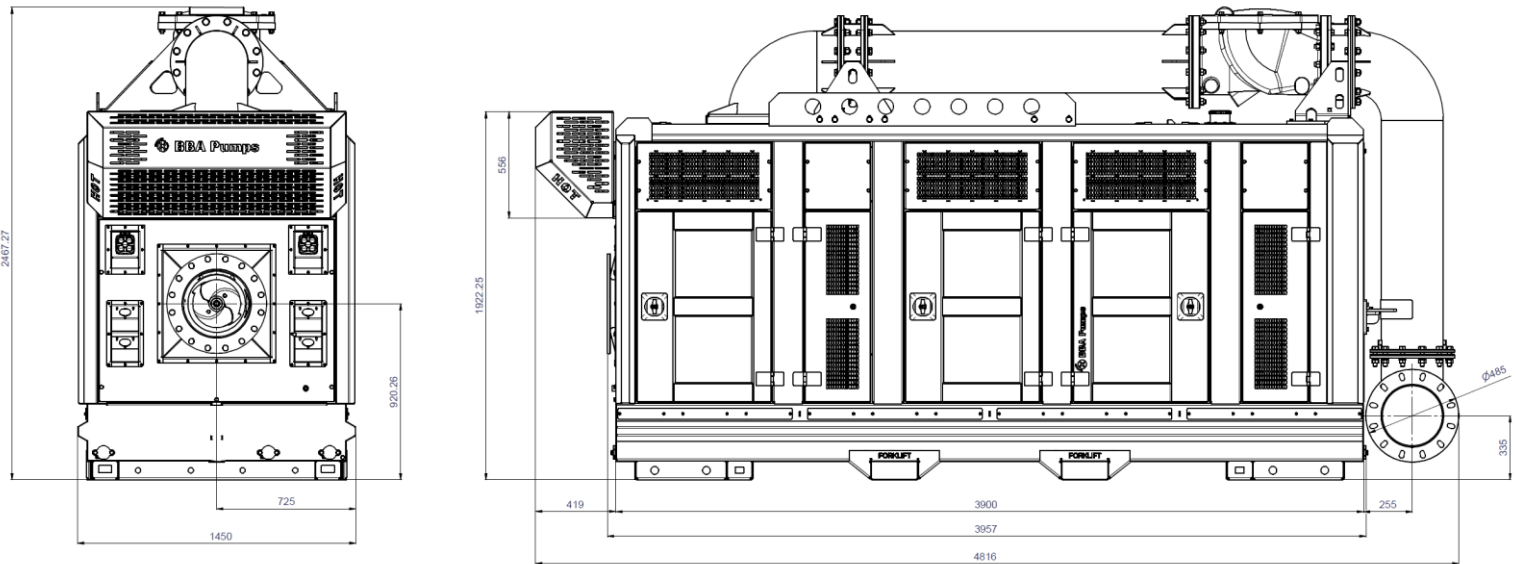
**Electrical system & safety features**

- 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
- Basic frame.....Hot dip galvanised
- Doors .....6 composite easy-access doors (lockable)
- Fuel tank .....PE net 185 US Gallon (700 L.)
- Fuel tank autonomy ..... 14 hours (at 1800 rpm BEP)
- Fuel tank cap ..... 4 inch (100 mm)
- Adblue® tank .....PE net 58 US Gallon (180 L.)
- 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.



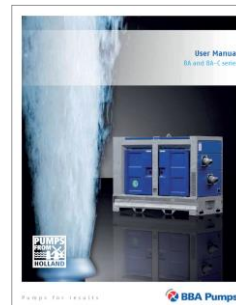
**Large inspection covers**  
Easy access to float box, impeller and non-return valve.



**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.