



**Pump specifications:**

Type.....BA100E D265  
 Max. flow ..... 1166 US GPM (265 m<sup>3</sup>/hour)  
 Max. pressure..... 117 ft./ 51 PSI (35 mwc)  
 Connections..... 6" (DN 150)  
 Solids handling ..... 3,15" (80 mm)  
 Impeller type ..... Open impeller  
 Priming system ..... BBA MP50  
 Engine ..... Hatz 3H50TIC  
 Canopy ..... M10-23  
 Dry weight..... 3527 lb. (1600 kg)  
 Sound level..... 61 dB(A) at 33 ft.

**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 EU stage & US EPA Tier regulations
- Corrosion free hot dip galvanised 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

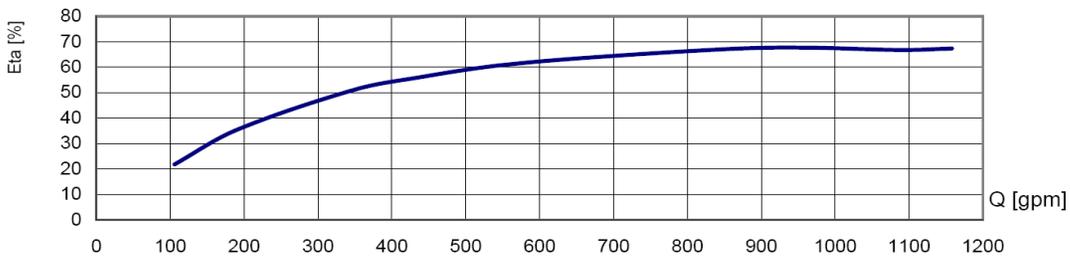
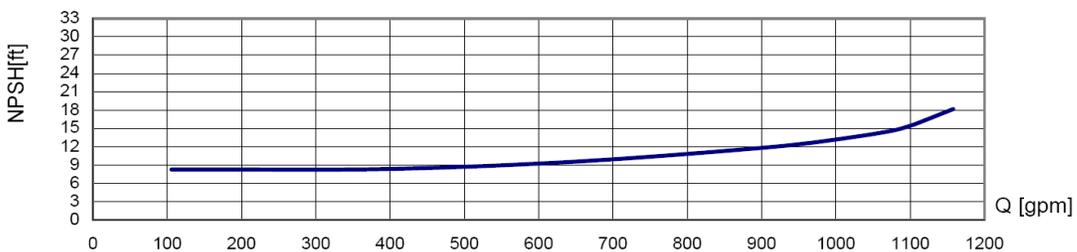
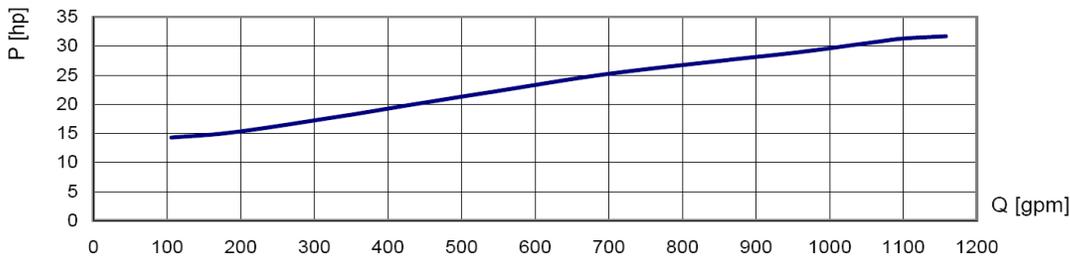
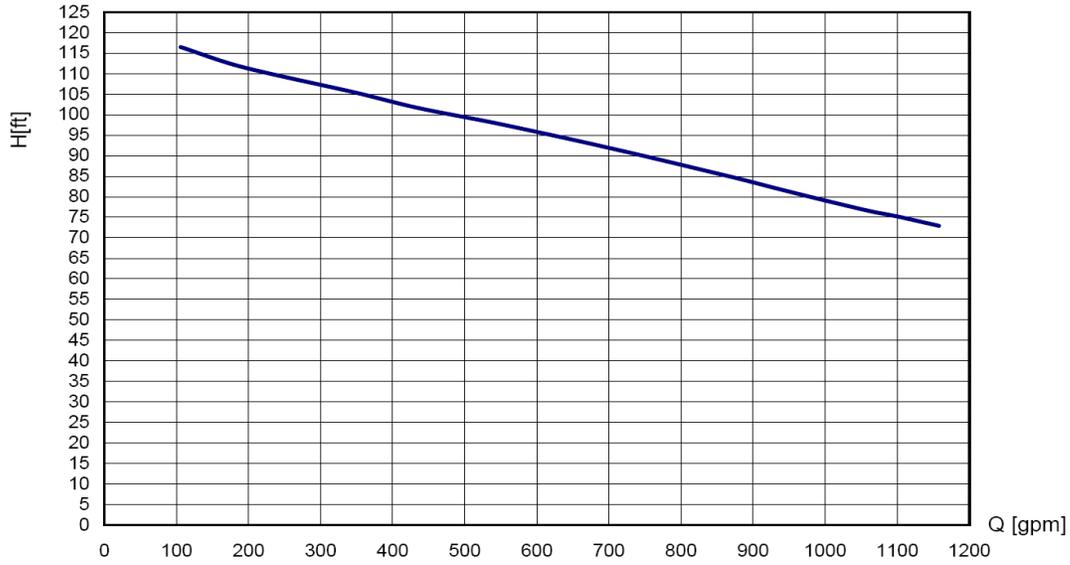
**After sales service & product support**

- 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**

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 Max. head..... 117 feet / 51 PSI (35 mwc)  
 Impeller type ..... Open impeller  
 Solids handling ..... 3.15 inch (80 mm)  
 Pump casing..... Cast iron GG20  
 Impeller ..... Chrome Moly 42CrM04  
 Wear plate ..... Chrome Moly 42CrM04  
 Pump shaft..... C45  
 Shaft seal..... Mechanical seal 2.36 inch (60mm)  
 Seal faces ..... Tung/Sic  
 Seal rubbers ..... Viton



**BBA priming system**

Pump type.....BBA MP50 Diaphragm pump  
 Air handling capacity ..... 30 CFM(50 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 ..... Hatz  
 Engine type..... 3H50TIC  
 Max. power output ..... 57 Hp (42 kW)  
 Variable speed..... Max. 1800 RPM  
 Displacement..... 1.5 l  
 Number of cylinders..... 3  
 Aftertreatment..... EGR, DOC  
 Exhaust emission US ..... EPA Tier 4 final



**LOFA control panel**

- Auto start/stop system
- Two float switches included (10m cable)
- Switch Manual-0-Auto
- Warning lights
- Safety features to protect the engine
- High resolution 4.3" LCD monitor



**Fuel system**

- PE fuel tank 80 US Gallon (300 L.) net
- Fuel tank cap Ø 4" (100 mm)
- Fuel gauge on tank
- Fitted with water separator & extra in-line fuel filter

**Electrical system & safety features**

- Nominal voltage 12 Volt
- Premium quality battery
- Low oil pressure shut down
- High temperature shut down

**CANOPY M10-23**

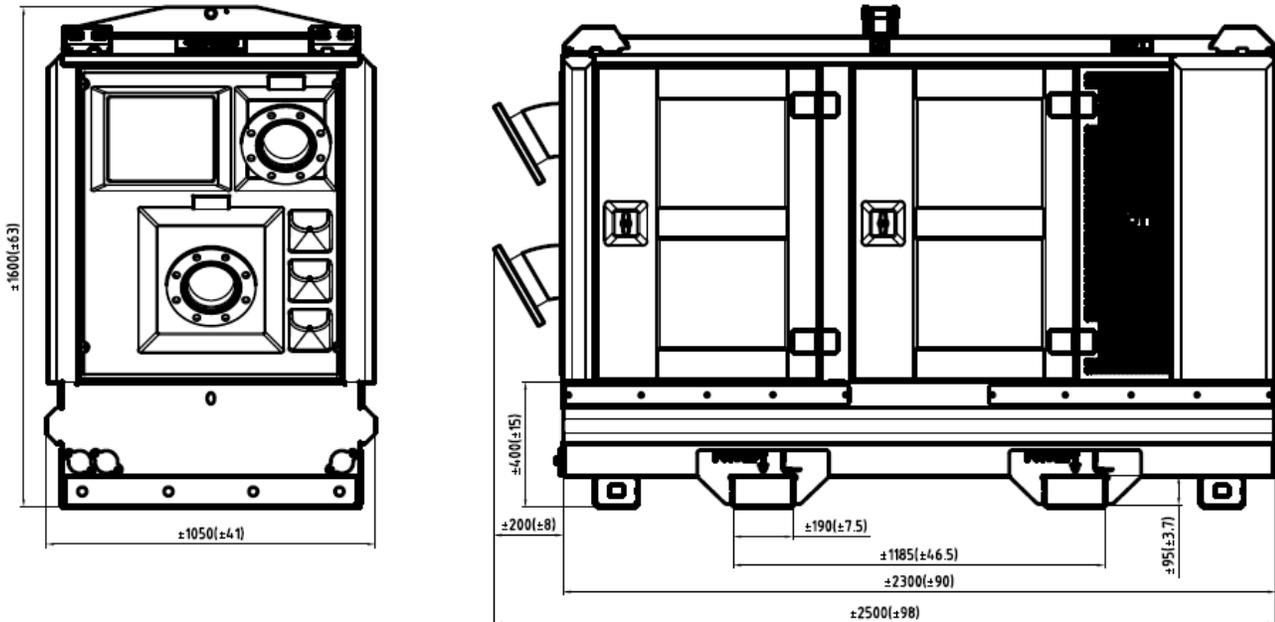
**BBA sound attenuating canopy**

- Canopy type.....M10-23
- Dimensions L x W x H .....89.4 x 41.3 x 60.4 inch
- Dimensions L x W x H .....2270 x 1050 x 1533 mm
- Basic frame.....Hot dip galvanised
- Panels.....ABS/ASA
- Doors .....4 Easy-access doors (lockable)
- Fuel tank .....PE net 80 US Gallon (300 ltr)
- Fuel tank cap .....4 inch (100mm)
- Forklift pockets.....Fitted with 2 forklift pockets
- Lifting point .....Fitted with single lifting point
- Stackable .....Canopy is stackable
- Connections.....Please consult “auxiliary items” in overleaf
- Exhaust system .....Fully integrated in canopy
- Radiator box .....Fitted with quick release system for easy cleaning
- Additional .....Fitted with oil-water separator



**BBA E-lift® system**

The M10-23 canopy has been fitted with the BBA E-lift® system. By removing the roof panel, the pump and diesel engine as a whole can be removed from the canopy effortlessly allowing easy preventative maintenance on the pump and diesel engine. In addition, as the canopy is not fitted with padding or insulation materials, it can be cleaned quickly using a pressure washer.



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



**Open impeller**  
Corrosion and abrasion resistant Chrome Moly (42CrM04) alloy.



**Priming system**  
Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 30 CFM per hour.



**Easy inspection**  
Oil glasses, drain valves and fill plugs are all easily accessible.



**Fuel tank**  
Double wall fuel containment, corrosion-free, 80 US Gallon, high-density polyethylene (HDPE) fuel tank, located in base of canopy.



**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.



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

Pictures used are for illustration purposes only.