



**Pump specifications:**

Type.....	BA55E D220
Max. flow .....	74 m <sup>3</sup> /hour (325 US gpm)
Max. pressure .....	51 mwc (168 ft.)
Solids handling .....	9 mm (0.35")
Impeller type .....	Semi-open impeller
Priming system .....	BBA MP50
Engine .....	Hatz 1D90E
Emission standard .....	Stage V
Canopy .....	L9-15
Discharge x suction .....	2" x 3" quick couplings
Sound level LPA.....	61 dB(A) at 10 m
Dry weight.....	895 kg (1970 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
- 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 70 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**

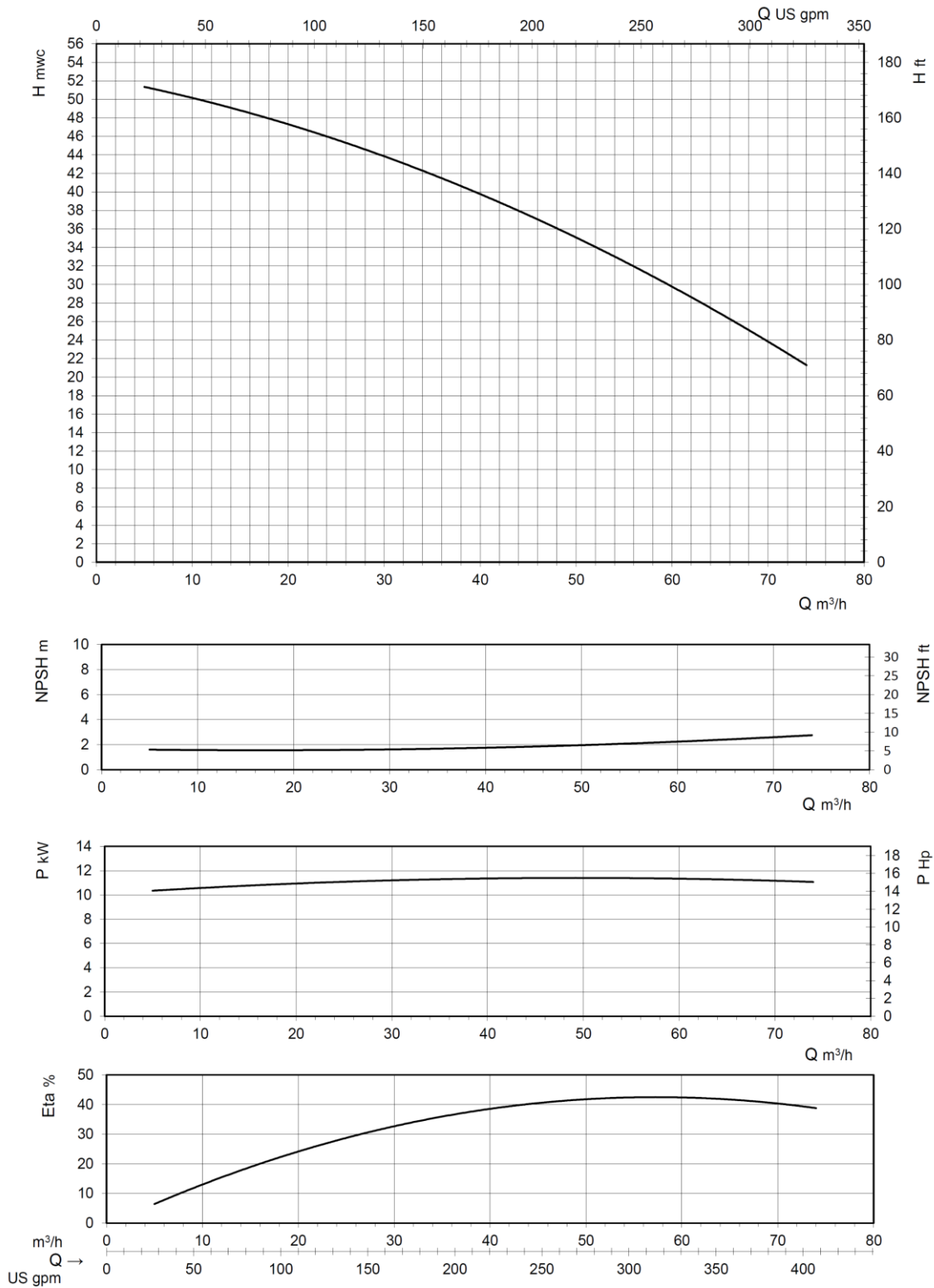
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



Remote control is included

## PERFORMANCE CURVES (3000 RPM)

Continuous duty according ISO 9906



Maximum running time at full load is 30 minutes continuously, then turn off the pump for 10 minutes (at 30 °C).

**STANDARD TECHNICAL SPECIFICATIONS**

**BBA auto prime pump**

Pump type.....BA55E D220  
 Max. flow.....74 m<sup>3</sup>/hour (325 US gpm)  
 Max. head.....51 mwc (168 feet)  
 Impeller type.....Semi-open impeller  
 Solids handling.....9 mm (0.35 inch)  
 Pump casing.....St. 37 galvanized  
 Impeller.....Stainless steel 316  
 Wear plate.....Stainless steel 316  
 Pump shaft.....42CrMo4 heat treated  
 Shaft seal.....Mechanical seal  
 Seal faces.....Tung/Tung  
 Seal rubber.....Viton



**BBA priming system**

Pump type.....BBA MP50 Diaphragm pump  
 Air handling capacity.....50 m<sup>3</sup>/h (30 CFM)  
 Max. vacuum.....8,5 m (29 inHg)  
 Drive.....Toothed belt (continuous drive)  
 Float box.....St. 37 galvanized  
 Float.....Stainless steel  
 Non return valve.....Cast iron GG25



**Engine**

Engine brand.....Hatz  
 Engine type.....1D90E with E1 technology  
 Power.....10,5 kW (14 Hp)  
 Engine speed.....1500 - 3000 RPM  
 Fuel consumption.....280 g/kWh  
 Displacement.....0,722 l  
 Cooling system.....Air cooled  
 Starting method.....Electric start/stop  
 Emission level.....Stage V

**BBA dashboard LC40**

- 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**

- Composite fuel tank 120 Litres (32 US Gallon)
- Fuel tank cap Ø 60 mm (2,5 inch)
- Electronic fuel injection system

**Electrical system & safety features**

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

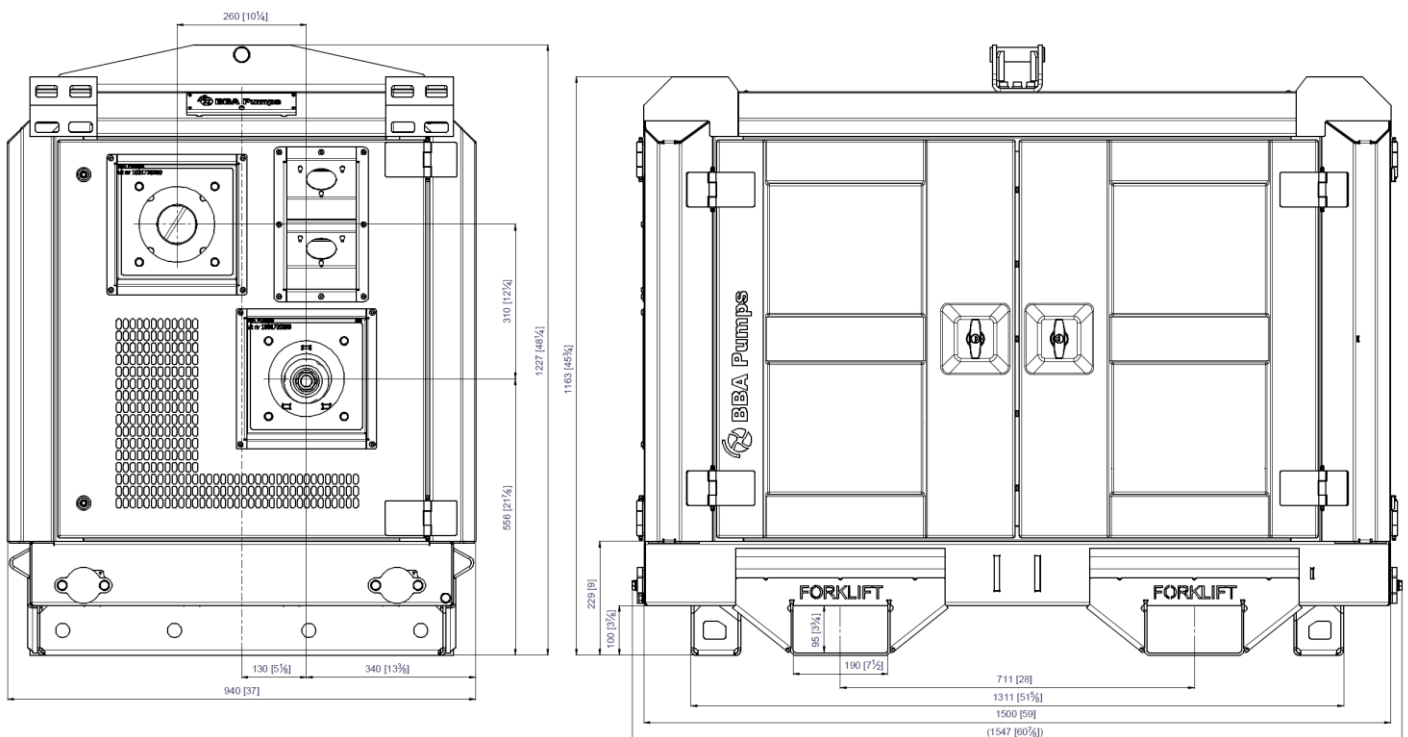
### CANOPY L9-15

#### BBA Super Silent Canopy

- Canopy type.....L9-15
- Dimensions L x W x H ..... 1500 x 940 x 1228 mm
- Dimensions L x W x H .....59 x 37 x 48,3 inch
- Basic frame ..... Hot dip galvanized
- Doors ..... 6 easy-access doors (lockable)
- Fuel tank ..... Composite net 120 ltr (32 US Gallon)
- Fuel tank autonomy ..... 30 hours (at 3000 1/min)
- Fuel tank cap ..... 60 mm (2,5 inch)
- Lifting point ..... Fitted with single lifting point
- Forklift pockets..... Fitted with 2 forklift pockets
- Stackable ..... Canopy is stackable
- Connections..... Please consult “auxiliary items”
- Exhaust system ..... Fully integrated in canopy
- Sound power level (L<sub>WA</sub>) ..... 90 dB(A) at 2900 1/min according ISO 3744:2010
- Documentation box..... BBA user manual and warranty book

#### BBA E-lift® system

The L9-15 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 and inches) may vary depending on selected quick couplings.



### Remote control

The remote control is designed to control mobile pumps with variable speed engine. The safety lamp on the roof is part of the delivery.



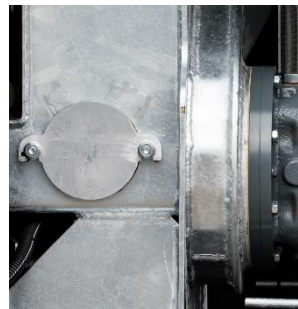
### Priming system

Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 50 m<sup>3</sup> per hour.



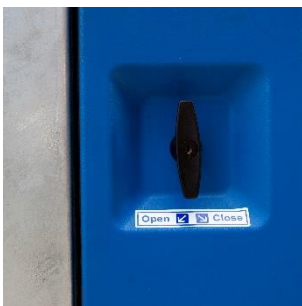
### Fuel tank

Fully bunded, corrosion-free, 120 liter, high-density polyethylene (HDPE) fuel tank.



### 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.