



Pump specifications:

Type	BA55E D220
Max. flow	74 m ³ /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 bunded 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

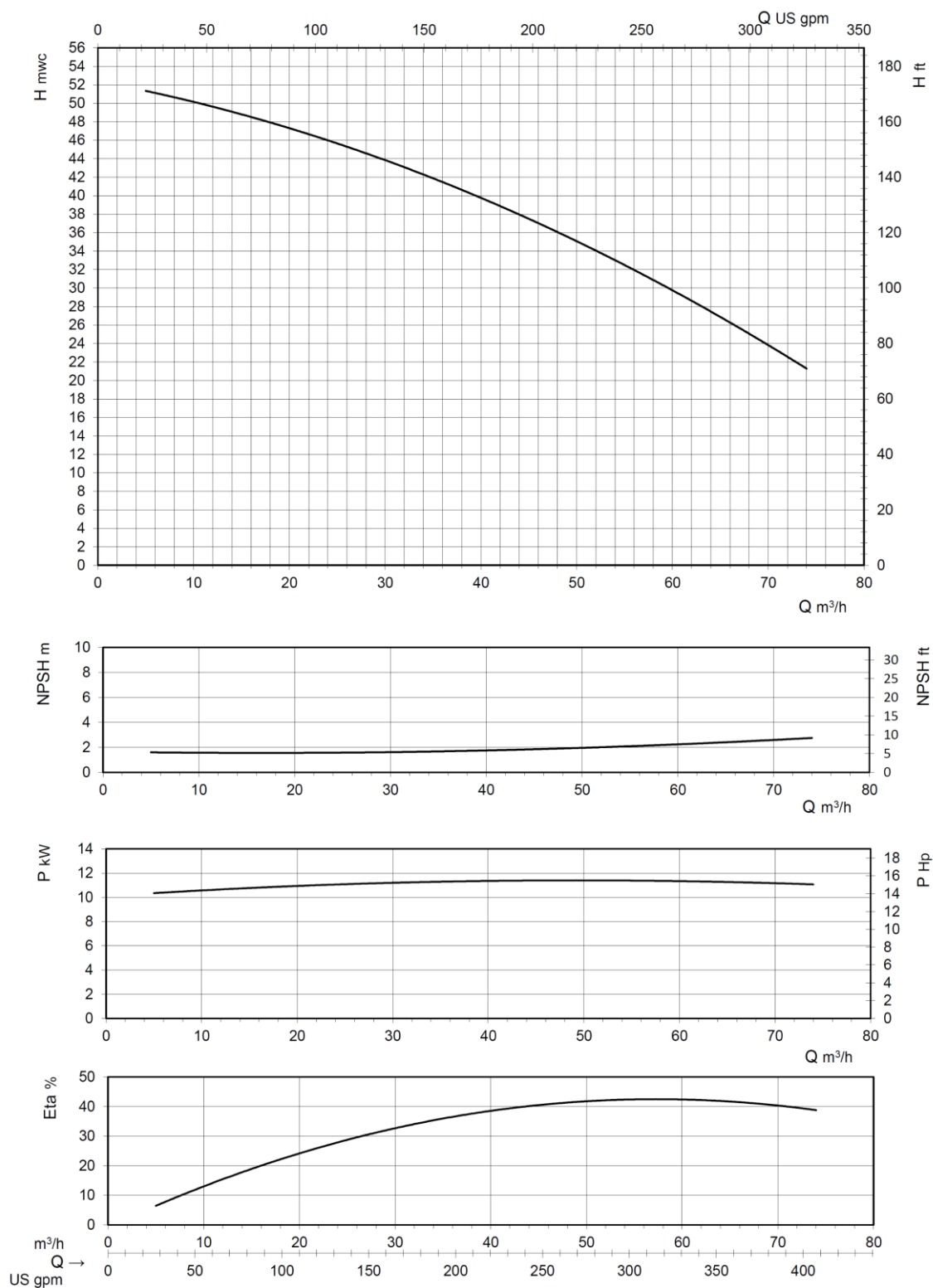
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



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 ³ /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 ³ /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
- 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

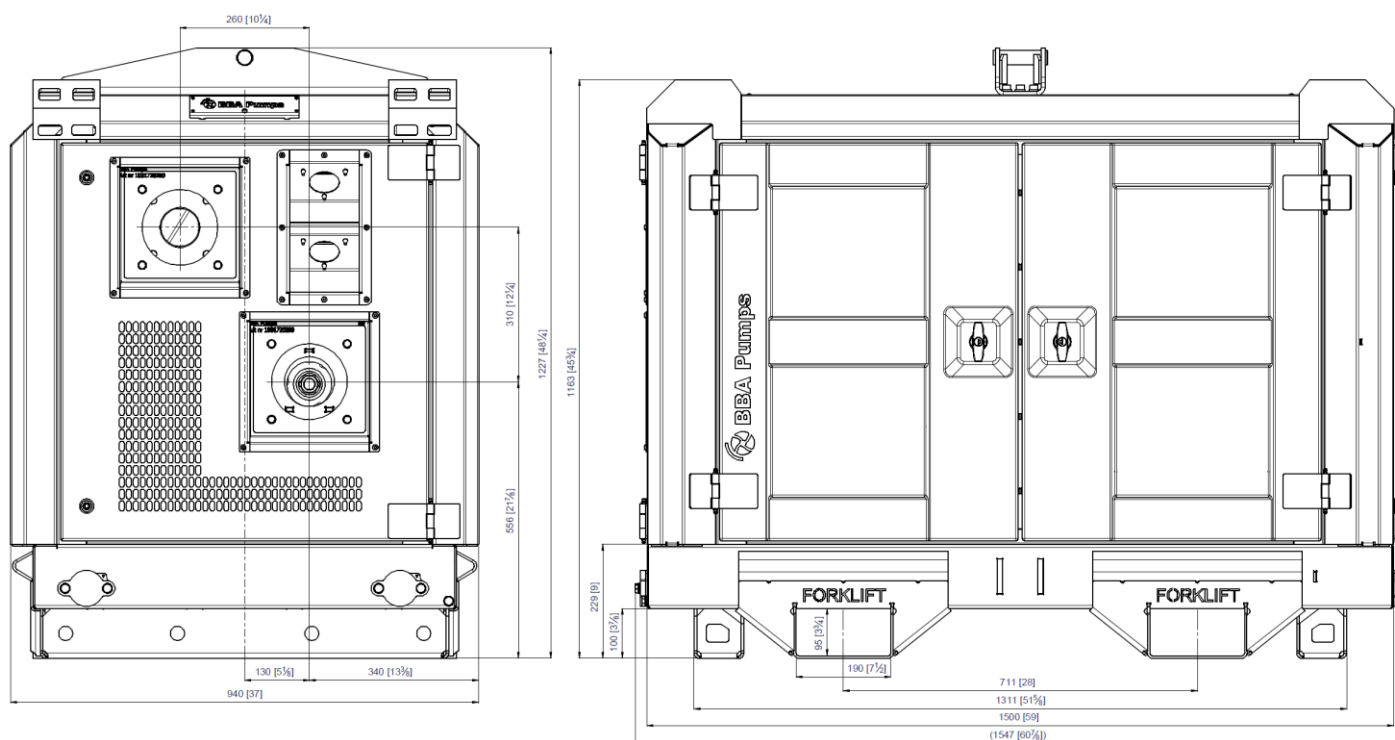
CANOPY L9-15

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
Connections.....	Please consult "auxiliary items"
Exhaust system	Fully integrated in canopy
Sound power level (L _{WA})	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**

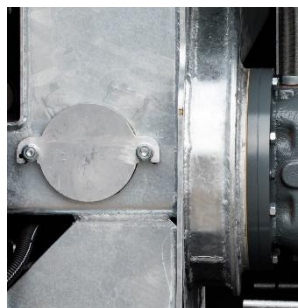
The remote control is designed to control mobile pumps with variable speed engine. The safety lamp on the roof is part of the delivery.

**Priming system**

Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 50 m³ 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.