

# PT150 Diesel Driven

## High Efficiency Wellpoint Dewatering Pump

Max. 90 m<sup>3</sup>/hour, Max. 20 mwc



### Pump specifications:

<b>Type</b>	BA75 D220
<b>Max. flow</b>	100 m <sup>3</sup> /hour (440 US GPM)
<b>Max. pressure</b>	17 mwc (56 ft.)
<b>Solids handling</b>	42 mm (1,65")
<b>Impeller type</b>	Open impeller
<b>Priming system</b>	BBA MP50
<b>Engine</b>	Hatz 1D81Z
<b>Emission standard</b>	Stage V
<b>Canopy</b>	L9-15
<b>Connections</b>	3" quick couplings
<b>Sound level</b>	Approx. 50 dB(A) at 10 m
<b>Dry weight</b>	875 kg (1925 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 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

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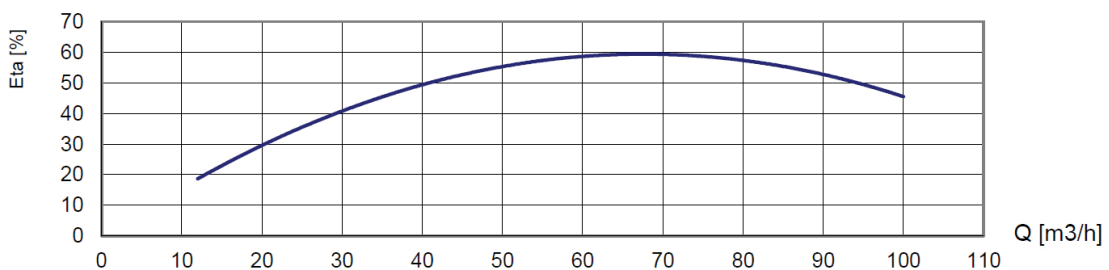
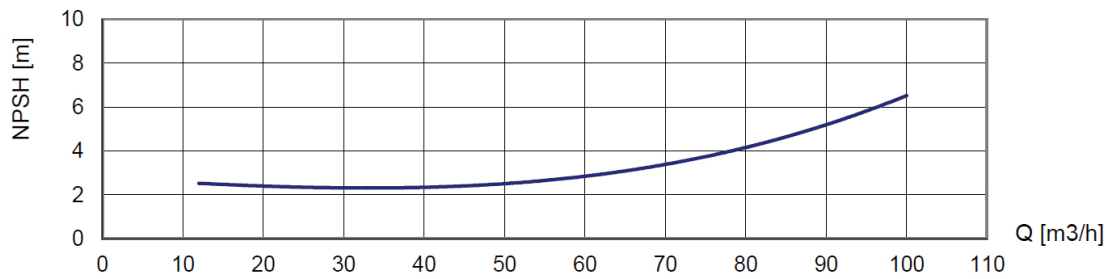
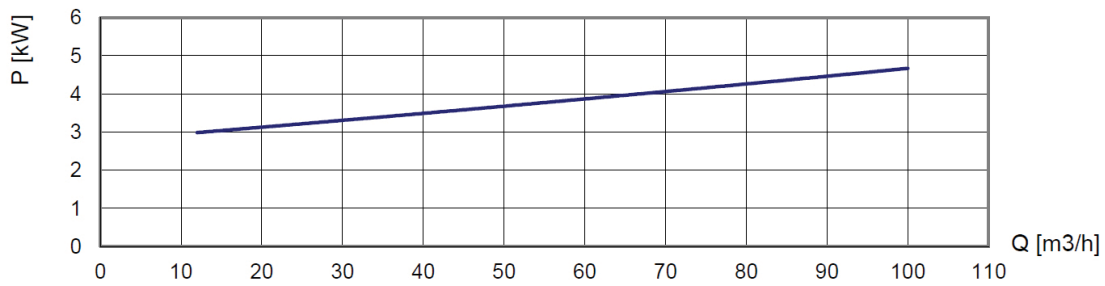
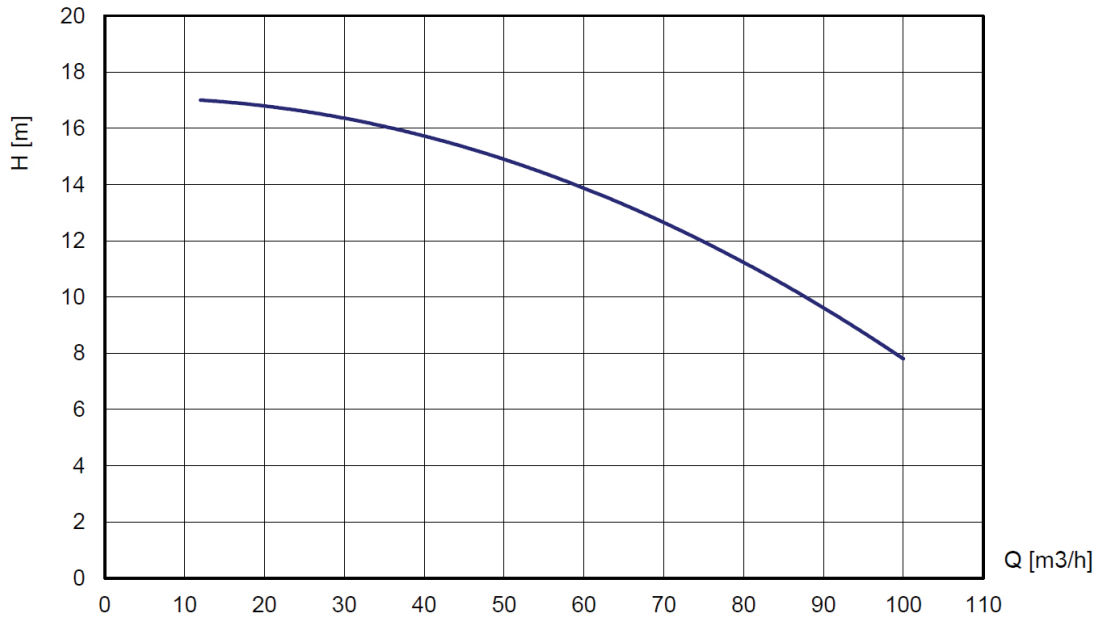
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## PERFORMANCE CURVES (1500 RPM)

Continuous duty according ISO 9906



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### STANDARD TECHNICAL SPECIFICATIONS

#### BBA centrifugal pump

<b>Pump type</b>	BA75 D220
<b>Max. flow</b>	100 m <sup>3</sup> /hour (440 US GPM)
<b>Max. head</b>	17 mwc (56 feet)
<b>Impeller type</b>	Open impeller
<b>Solids handling</b>	42 mm (1.65 inch)
<b>Pump casing</b>	St. 37 galvanized
<b>Impeller</b>	Cast iron GG20
<b>Wear plate</b>	Cast iron GG20
<b>Pump shaft</b>	C45
<b>Shaft seal</b>	Mechanical seal
<b>Seal faces</b>	Tung/Tung
<b>Seal rubber</b>	Viton



#### BBA priming system

<b>Pump type</b>	BBA MP50 Diaphragm pump
<b>Air handling capacity</b>	50 m <sup>3</sup> /h (30 CFM)
<b>Max. vacuum</b>	8.5 m (29 inHg)
<b>Drive</b>	Toothed belt (continuous drive)
<b>Float box</b>	St. 37 galvanized
<b>Float</b>	Stainless steel
<b>Non return valve</b>	Cast iron GG25



#### Engine

<b>Engine brand</b>	Hatz
<b>Engine type</b>	1D81Z electric start
<b>Power</b>	5.5 kW (7.5 Hp)
<b>Engine speed</b>	1300 - 1500 RPM
<b>Fuel consumption</b>	245 g/kWh
<b>Displacement</b>	0.667 l (40,7 cu.in.)
<b>Number of cylinders</b>	1
<b>Cooling system</b>	Air cooled
<b>Starting method</b>	Electric start (manual stop)
<b>Emission level</b>	Stage V



#### Hatz control panel

- Operating hours counter
- Key switch
- Warning light "oil pressure"
- Warning light "alternator"  
(Optionally available with LC20 automatic level control)

#### Fuel system

- Composite fuel tank 120 Litres (32 US Gallon)
- Fuel tank cap Ø 60 mm (2.5 inch)
- Mechanical fuel injection system
- Fuel filter / water separator

#### Electrical system & safety features

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

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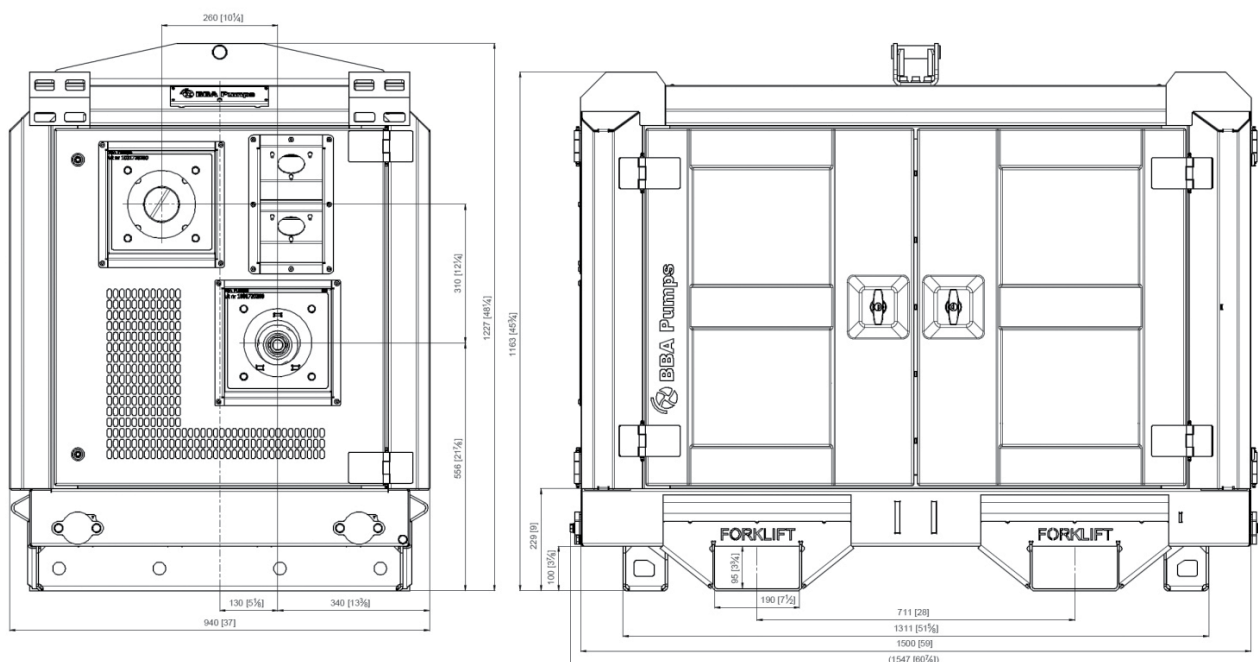
### CANOPY L9-15

#### BBA Super Silent Canopy

<b>Canopy type</b>	L9-15
<b>Dimensions L x W x H</b>	1500 x 940 x 1228 mm
<b>Dimensions L x W x H</b>	59 x 37 x 48,3 inch
<b>Basic frame</b>	Hot dip galvanized
<b>Doors</b>	6 easy-access doors (lockable)
<b>Roof panel</b>	Composite
<b>Fuel tank</b>	Composite net 120 ltr (32 US Gallon)
<b>Fuel tank autonomy</b>	85 hours (at 1500 rpm.)
<b>Fuel tank cap</b>	60 mm (2.5 inch)
<b>Lifting point</b>	Fitted with single lifting point
<b>Forklift pockets</b>	Fitted with 2 forklift pockets
<b>Stackable</b>	Canopy is stackable
<b>Connections</b>	Please consult "auxiliary items"
<b>Exhaust system</b>	Fully integrated in canopy
<b>Documentation box</b>	BBA user manual and warranty book

#### BBA E-lift<sup>®</sup> system

The L9-15 canopy has been fitted with the BBA E-lift<sup>®</sup> 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.

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### Open impeller

Robust open impeller with large 42 mm free passage in combination with heavy duty wear plate for a long working life.



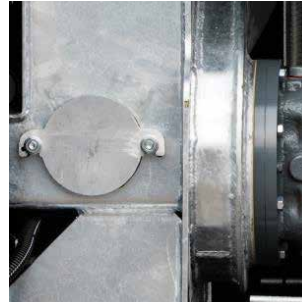
### Priming system

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.