

BA75 Diesel Driven

Contractor Dewatering Pump

Max. 100 m³/hour, Max. 17 mwc



Pump specifications:

Type	BA75 D220
Max. flow	100 m ³ /hour (440 US GPM)
Max. pressure	17 mwc (56 ft.)
Solids handling	42 mm (1,65")
Impeller type	Open impeller
Priming system	BBA MP50
Engine	Hatz 1D81Z
Emission standard	Stage V
Canopy	L9-15
Connections	3" quick couplings
Sound level	Approx. 50 dB(A) at 10 m
Dry weight	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 banded 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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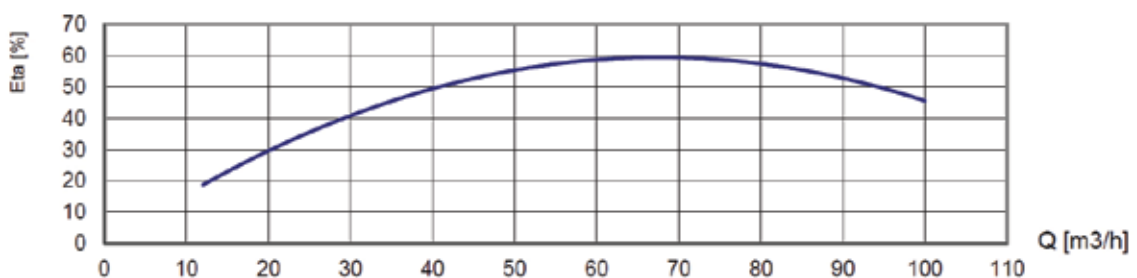
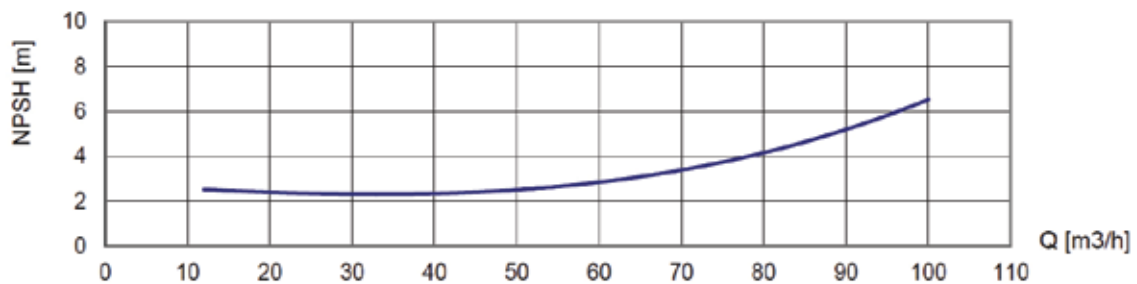
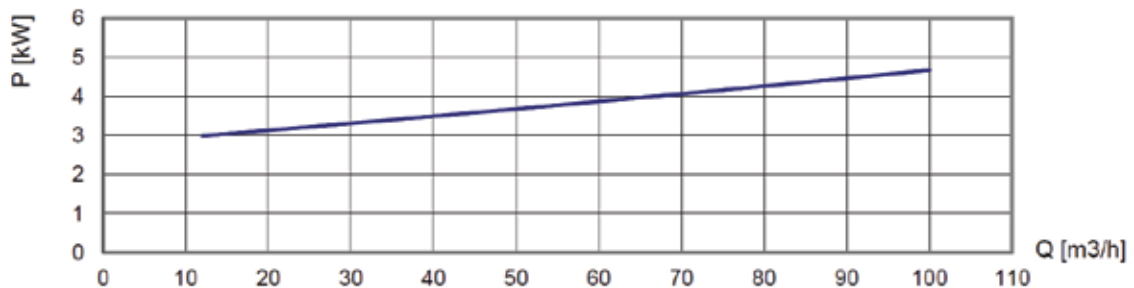
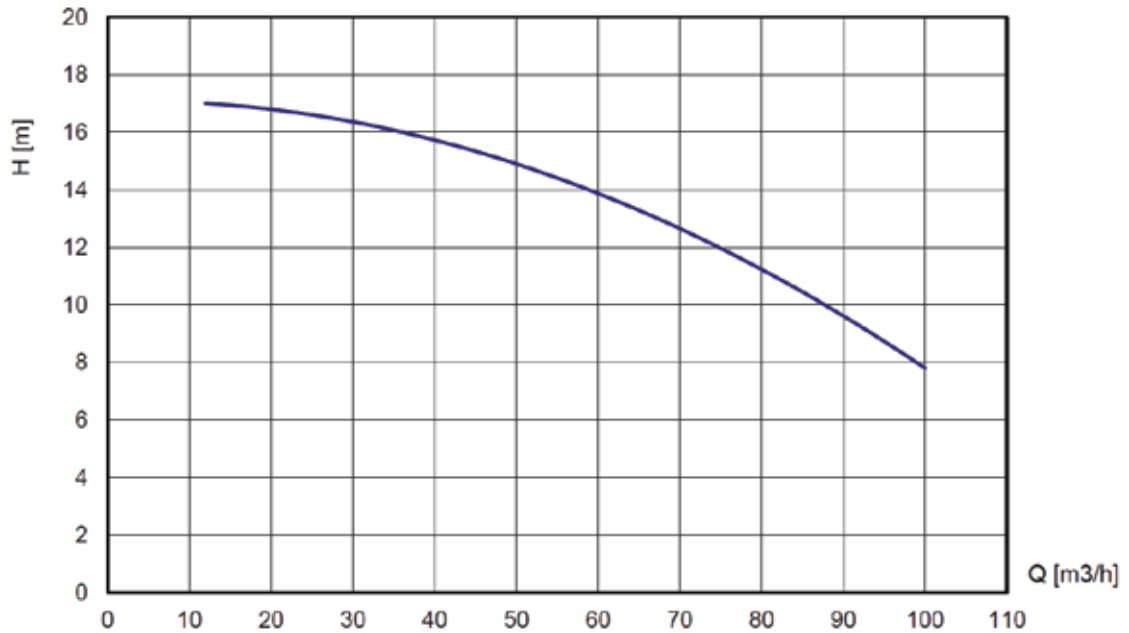
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PERFORMANCE CURVES (1500 RPM)

Continuous duty according ISO 9906



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STANDARD TECHNICAL SPECIFICATIONS

BBA centrifugal pump

Pump type	BA75 D220
Max. flow	100 m ³ /hour (440 US GPM)
Max. head	17 mwc (56 feet)
Impeller type	Open impeller
Solids handling	42 mm (1.65 inch)
Pump casing	St. 37 galvanized
Impeller	Cast iron GG20
Wear plate	Cast iron GG20
Pump shaft	C45
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	1D81Z electric start
Power	5.5 kW (7.5 Hp)
Engine speed	1300 - 1500 RPM
Fuel consumption	245 g/kWh
Displacement	0.667 l (40,7 cu.in.)
Number of cylinders	1
Cooling system	Air cooled
Starting method	Electric start (manual stop)
Emission level	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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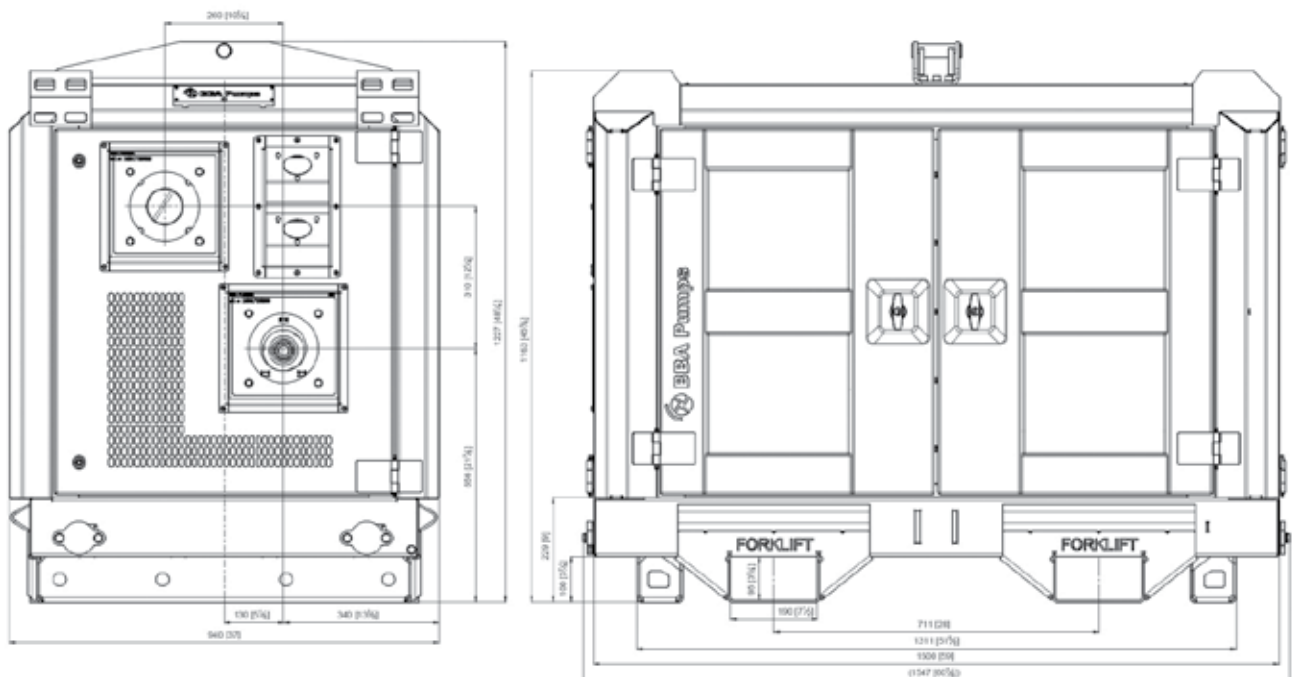
CANOPY L9-15

BBA Super Silent Canopy

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)
Roof panel	Composite
Fuel tank	Composite net 120 ltr (32 US Gallon)
Fuel tank autonomy	85 hours (at 1500 rpm.)
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
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.

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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 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.