

Pump specifications:

Type.....	BA150E D285
Max. flow	430 m ³ /hour (1890 US GPM)
Max. pressure	24 mwc (79 ft.)
Connections.....	DN150 (6")
Solids handling	80 mm (3,15")
Impeller type	Semi-open impeller
Priming system	BBA MP50
Electric motor.....	22 kW – 4 Pole
Voltage	400/690V 50 Hz
Motor control.....	Softstarter
Frame	BF10-23
Dry weight.....	1400 kg (3080 lbs.)

FEATURES

BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring the 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 electric motors, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

Sustainability

- High efficiency pumps and motors
- Corrosion free hot dip galvanized frame
- 100% Oil-spill free priming system
- Available in sound attenuated canopy

Complete package designed & built by BBA Pumps

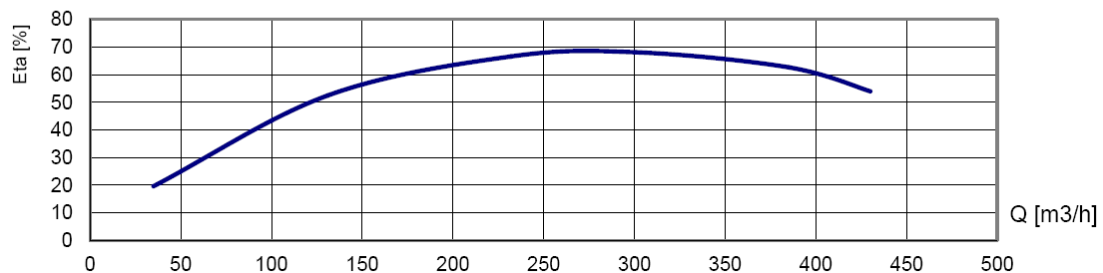
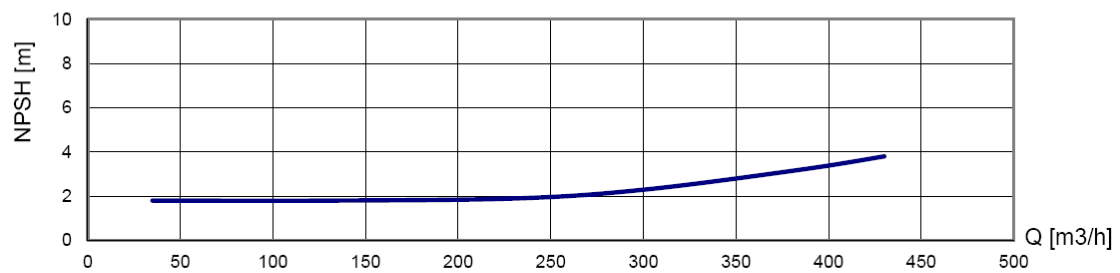
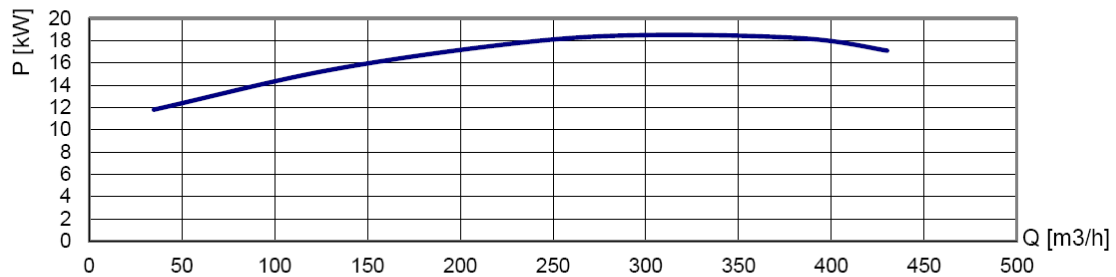
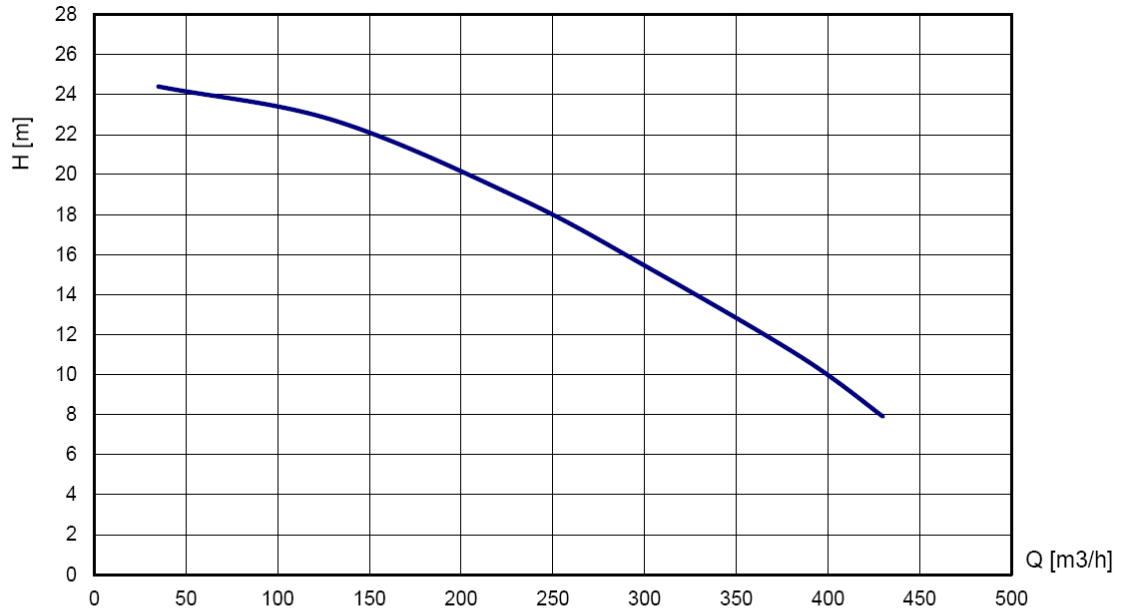
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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 (1475 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA150E D285
Max. flow.....	430 m ³ /hour (1890 US GPM)
Max. head.....	24 mwc (79 feet)
Impeller type.....	Semi-open impeller
Solids handling.....	80 mm (3.15 inch)
Pump casing.....	Cast iron GG20
Impeller.....	Chrome Moly 42CrM04
Self-cleaning wear plate.....	Chrome Moly 42CrM04 (cutter slots)
Pump shaft.....	C45
Shaft seal.....	Mechanical seal
Seal faces.....	Tung/Sic
Seal rubbers.....	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 Hg)
Drive.....	Electric motor 2.2kW - 400V
Start/stop.....	Fully automatic
Float box.....	Aluminium
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N

Electric motor

Motor brand.....	Hoyer
Motor type.....	HMC3 180L-4
Power kW (Hp).....	22 kW (30 Hp)
Rated Voltage.....	400/690V 50Hz
Current (I nom.).....	40 Amp
4-pole.....	1470 RPM
Efficiency.....	93 %
IE3.....	EC Directive 2005/32



BBA frame

Frame BF10-23.....	Steel hot dip galvanized
Dimensions L x W x H.....	2300 x 1040 x 1405 mm
Dimensions L x W x H.....	90 x 41 x 55,3 inch
Lifting point.....	Fitted with single lifting point
Forklift pockets.....	Fitted with 2 forklift pockets
Stackable.....	Frame is stackable
Roof panel.....	Composite roof panel
Connections.....	Please consult "auxiliary items"
Control panel.....	Softstarter (optionally available with VFD)

All electrical components **safe** and **dry** behind a lockable door.

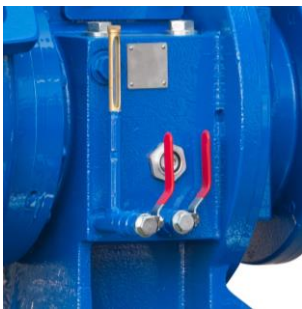




Semi-open impeller
Corrosion and abrasion resistant Chrome Moly (42CrM04) semi-open impeller.



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



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



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



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.



User manual
Extensive user manual with important information concerning the pump unit, pump installation and safety warnings. Available in several languages.