

## ELECTRIC DRIVEN DEWATERING AND SEWAGE PUMP BA150E D285 GL BBA



### 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.

### PUMP SPECIFICATIONS

Type	BA150E D285
Max. Flow	430 m <sup>3</sup> /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
Motor	22 kW – 4 Pole
Voltage	400/690V 50 Hz
Canopy	L10-23
Weight (net)	1350 kg (2970 lb.)

### KEY FEATURES

#### 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 IE3 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 galvanised frame or canopy
- Corrosion free composite door panels
- 100% Oil-spill free priming system

#### 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

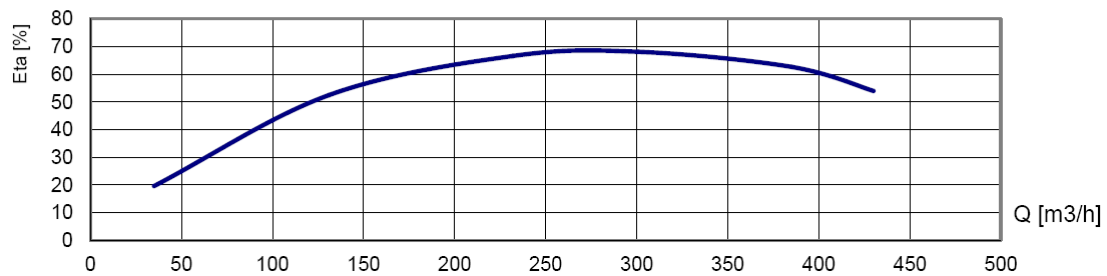
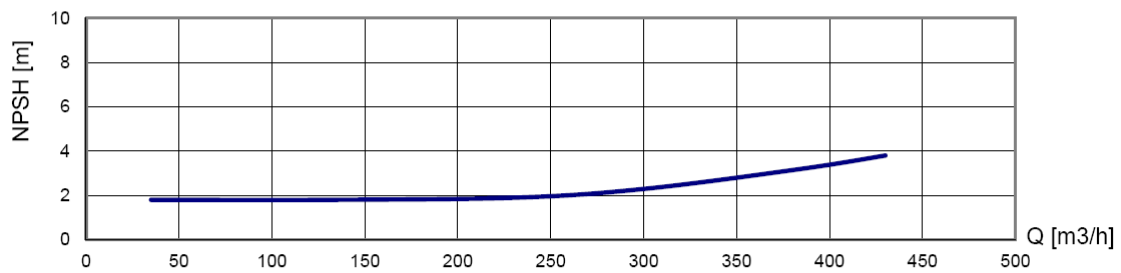
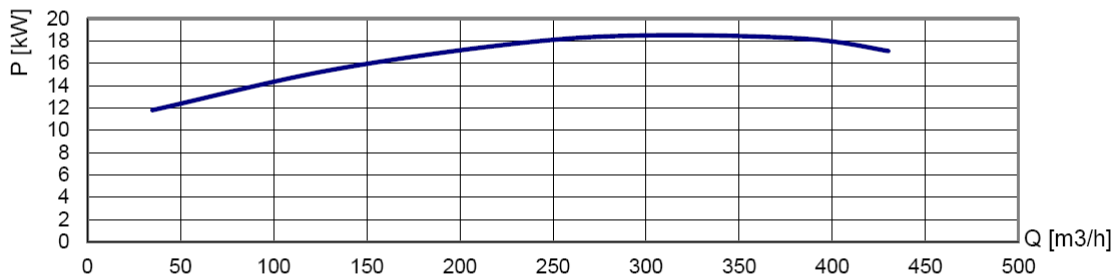
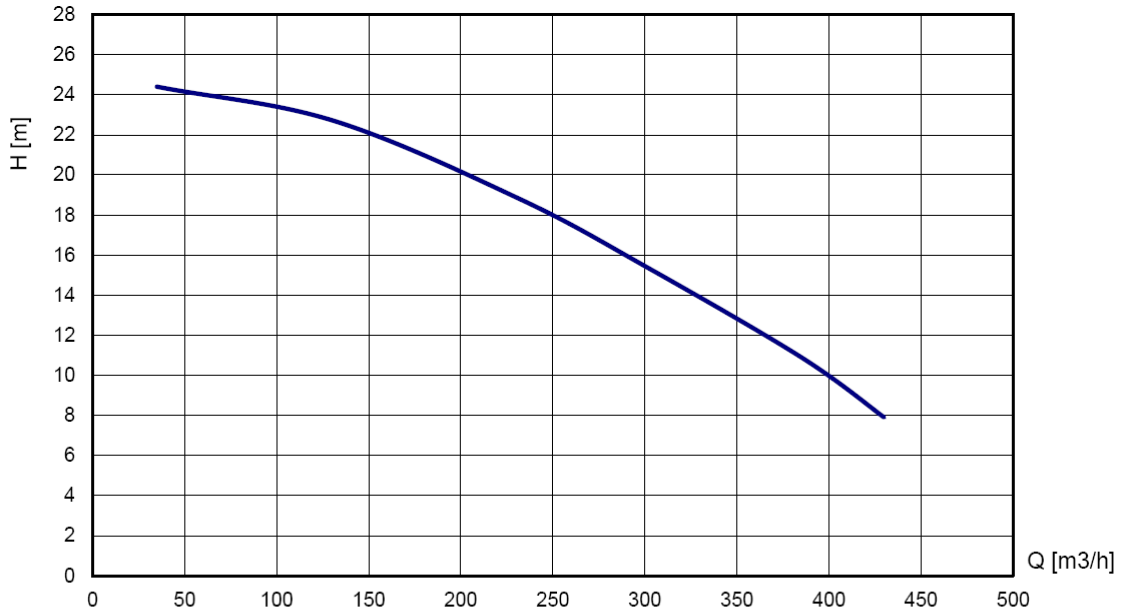




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### PERFORMANCE CURVES (1750 RPM)

Continuous duty according ISO 9906



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### BBA AUTO PRIME PUMP SPECIFICATIONS

Pump type	BA150E D285
Max. flow	430 m3/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
Wear Plate	Chrome Moly 42CrM04
Pump shaft	C45
Shaft seal	Mechanical seal
Seal faces	Tung/Sic
Seal rubbers	Viton



### BBA PRIMING SYSTEM SPECIFICATIONS

Pump type	BBA MP50 Diaphragm pump
Air handling capacity	50 m3/h (30 CFM)
Max. vacuum	8.5 m (29 inHg)
Drive	Electric motor 2.2kW - 400V
Start/stop	Fully automatic
Float box	Aluminium
Non return valve	Cast iron GG25
Check valve disc	Buna-N



### ENGINE SPECIFICATIONS

Motor brand	Hoyer
Motor type	HMC3 180L-4
Power kW (Hp)	22 kW (30 Hp)
Rated Voltage	1500 – 1750 RPM
Current (I nom.)	40 Amp
4-pole	1470 RPM
Efficiency	93 %
IE3	EC Directive 2005/32

### BBA DASHBOARD LC20 SPECIFICATIONS

Auto start/stop system
Two float switches included (10m cable)
Switch Manual-0-Auto
Tachometer
Hour counter
Plug 5 pin - 63 Amp
Soft starter package

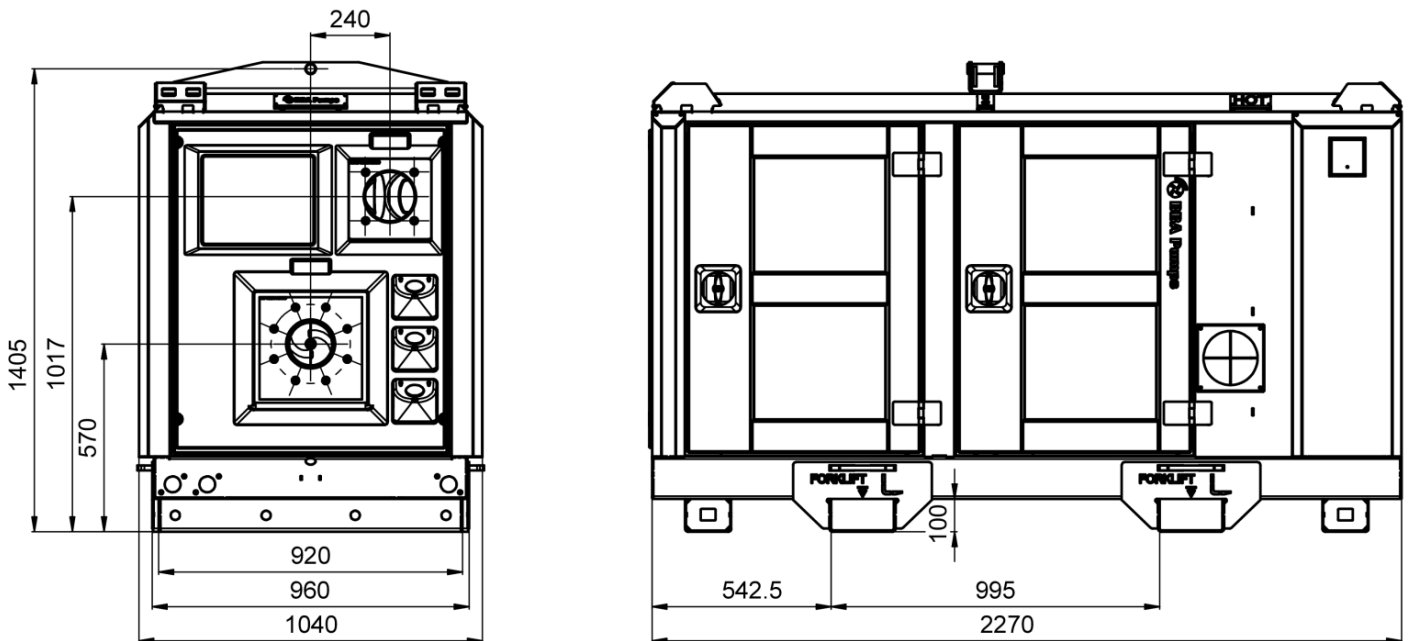


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### CANOPY M10-18 SPECIFICATIONS

#### BBA SOUND ATTENUATING CANOPY

Canopy type	L10-23
Dimensions L x W x H	2270 x 1040 x 1405 mm
Dimensions L x W x H	89.3 x 41.0 x 55.3 inch
Sound power level	N/A
Basic frame	Hot dip galvanised
Panels and doors	Composite ABS/ASA
Doors	4 Easy-access doors (lockable)
Forklift pockets	Fitted with 2 forklift pockets
Lifting point	Fitted with single lifting point
Stackable	Pump unit is stackable
Connections	Please consult "auxiliary items" in overleaf
Additional	Emergency stop switch
Documentation box	BBA user manual & BBA warranty



Actual dimensions (in mm) may vary depending on selected quick couplings.



## ELECTRIC DRIVEN DEWATERING AND SEWAGE PUMP BA150E D285 GL BBA



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



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



**Safety**  
Extremely durable and lockable T-locks offering perfect grip.



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

Pictures used are for illustration purposes only.

