



**Pump specifications:**

Type..... BA100K D193  
 Max. flow ..... 130 m<sup>3</sup>/hour (572 US GPM)  
 Max. pressure ..... 15 mwc (49 ft.)  
 Connections..... DN 100 (4")  
 Solids handling ..... 82 mm (3,23")  
 Impeller type ..... Channel impeller  
 Priming system ..... BBA MP50  
 Motor..... 5.5 kW – 4 pole  
 Voltage ..... 400/690V IE2  
 Canopy ..... L10-23  
 Weight (net) ..... 1180 kg (2596 lb.)

**FEATURES**

**BA auto prime pump**

The BA range of pumps have 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 IE2 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
- Lean manufacturing philosophy

**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

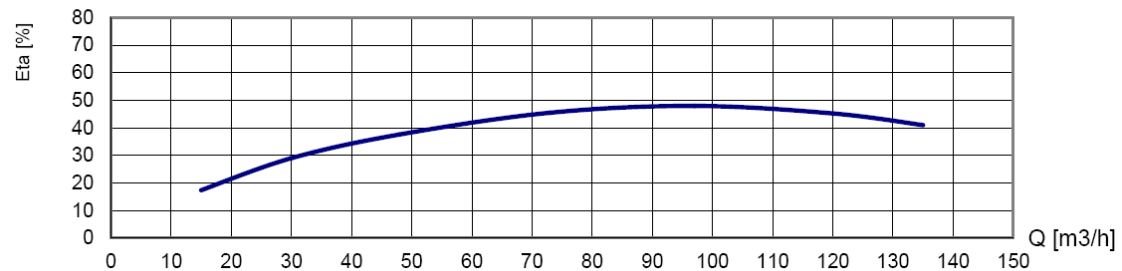
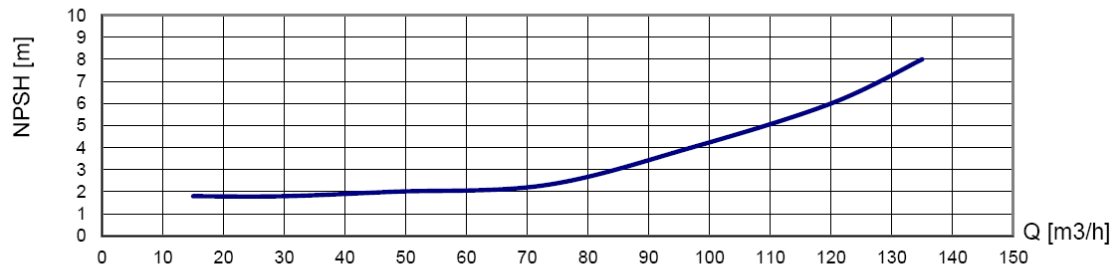
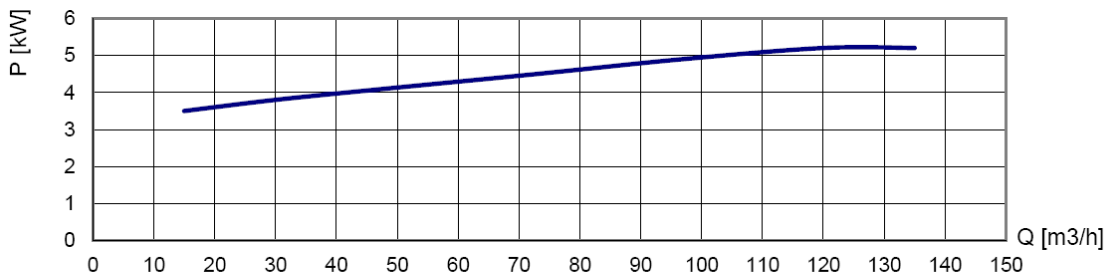
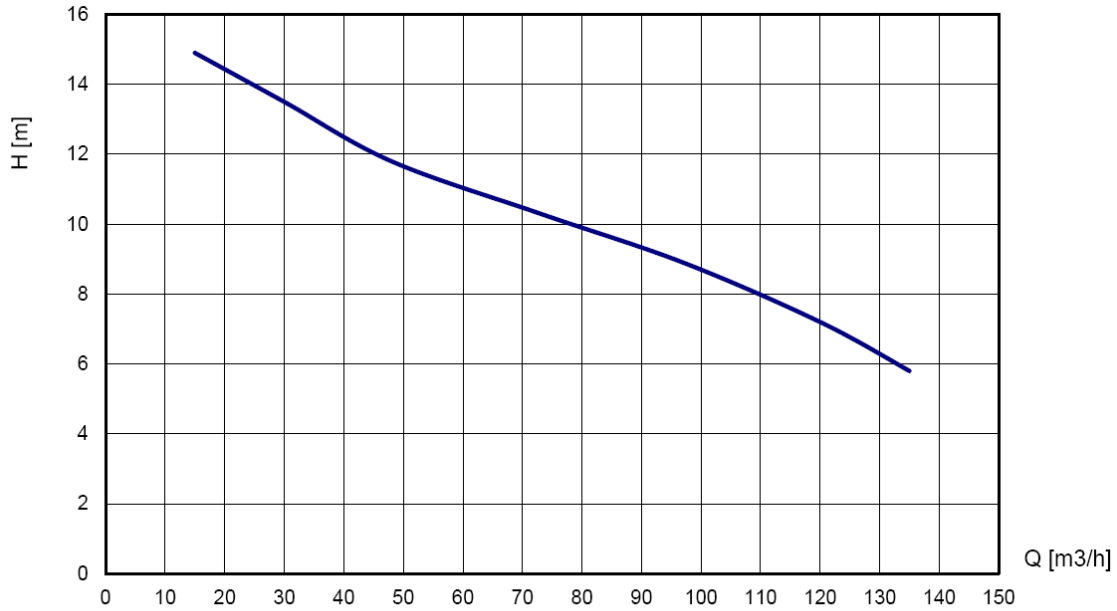
**After sales service & product support**

- 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 (1465 RPM)**

Continuous duty according ISO 9906



**STANDARD TECHNICAL SPECIFICATIONS**

**BBA auto prime pump**

Pump type.....	BA100K D193
Max. flow.....	130 m <sup>3</sup> /hour (572 US GPM)
Max. head.....	15 mwc (49 feet)
Impeller type.....	Channel impeller
Solids handling.....	82 mm (3.23 inch)
Pump casing.....	Cast iron GG20
Impeller.....	Ductile iron GGG40
Pump shaft.....	C45
Shaft seal.....	Mechanical seal 35 mm (1.38 inch)
Seal faces.....	Tung/Tung
Seal rubbers.....	Viton



**BBA priming system**

Pump type.....	BBA MP50 Diaphragm pump
Air handling capacity.....	50 m <sup>3</sup> /h (30 cfm)
Max. vacuum.....	8.5 m (29 Hg)
Drive.....	Electric motor 1.5kW - 400V
Start/stop.....	Fully automatic
Float box.....	St. 37 hot dip galvanised
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N

**Electric motor**

Motor brand.....	Hoyer
Motor type.....	HMA2 132S-4
Power kW (Hp).....	5.5 kW (7.5 Hp)
Rated Voltage.....	400/690V 50Hz
Current (I nom.).....	11 Amp
4-pole.....	1450 RPM
Efficiency.....	88.4%
IE2.....	EC Directive 2005/32



**BBA control panel**

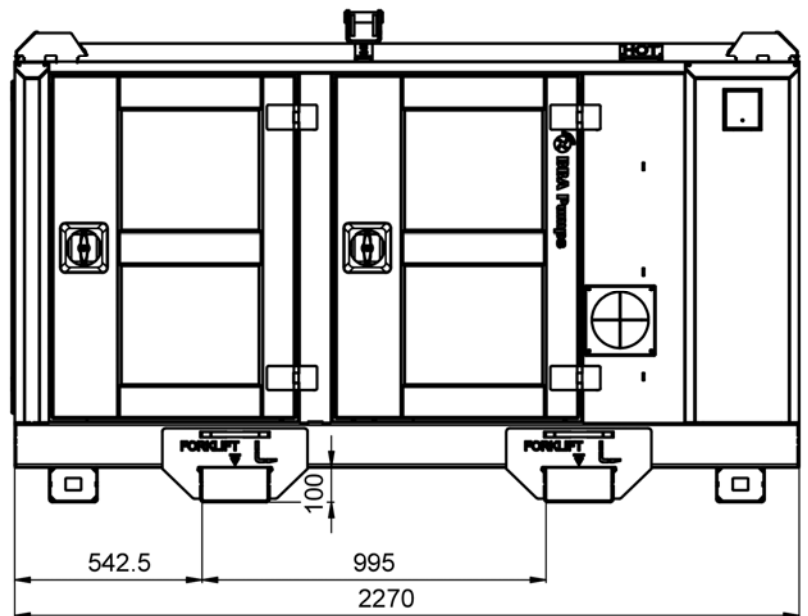
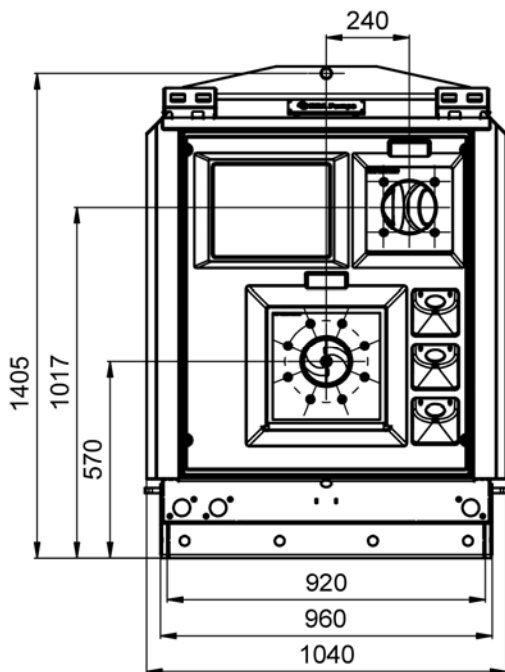
- Auto start/stop system
- Two float switches included (10 m cable)
- Plug for pressure transmitter
- Switch Manual-0-Auto
- Hour counter
- Plug 5 pin - 32 Amp.
- Soft starter package



**CANOPY L10-23**

**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 book



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



**Channel impeller**  
GGG40 channel impeller, ductile iron, solids handling 82 mm.



**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 m<sup>3</sup> 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.