



Pump specifications:

Type.....BA100K D193
 Max. flow130 m³/hour (572 US GPM)
 Max. pressure15 mwc (49 ft.)
 Connections.....DN 100 (4")
 Solids handling82 mm (3,23")
 Impeller typeChannel impeller
 Priming systemBBA MP50
 Motor.....5.5 kW – 4 pole
 Voltage400/690V IE2
 CanopyL10-23
 Weight (net)1180 kg (2596 lb.)

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 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

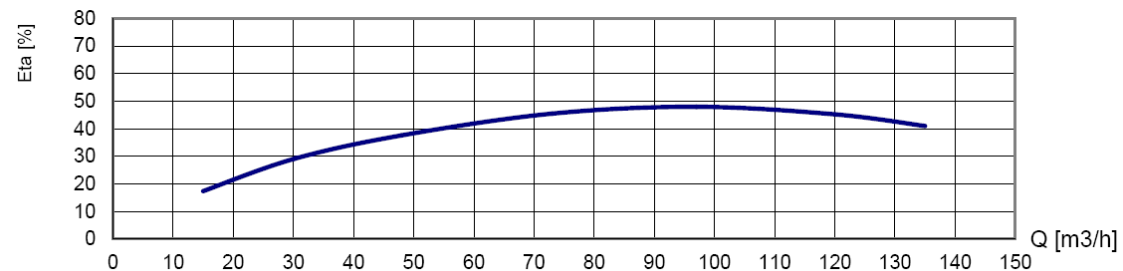
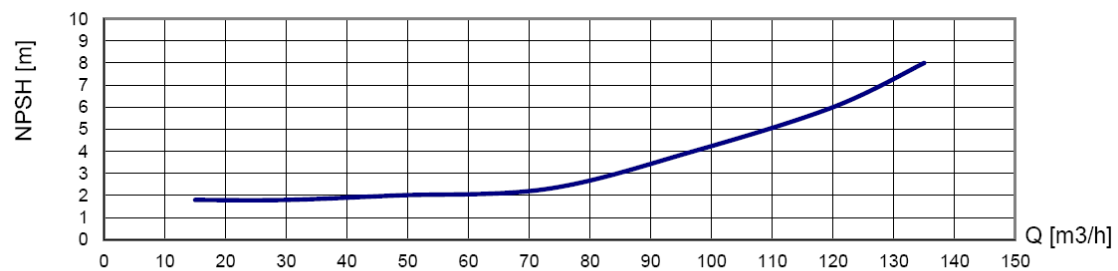
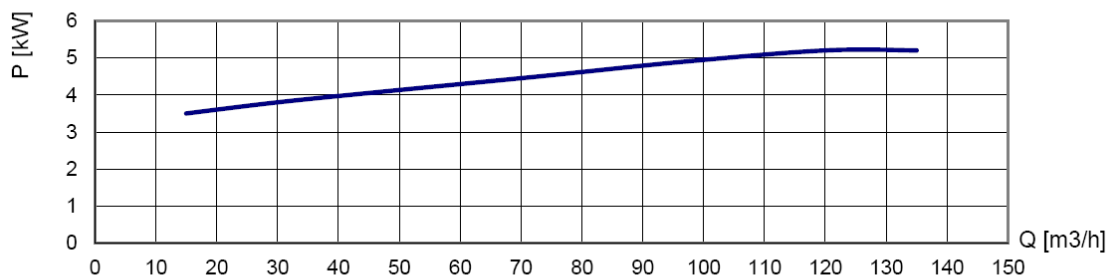
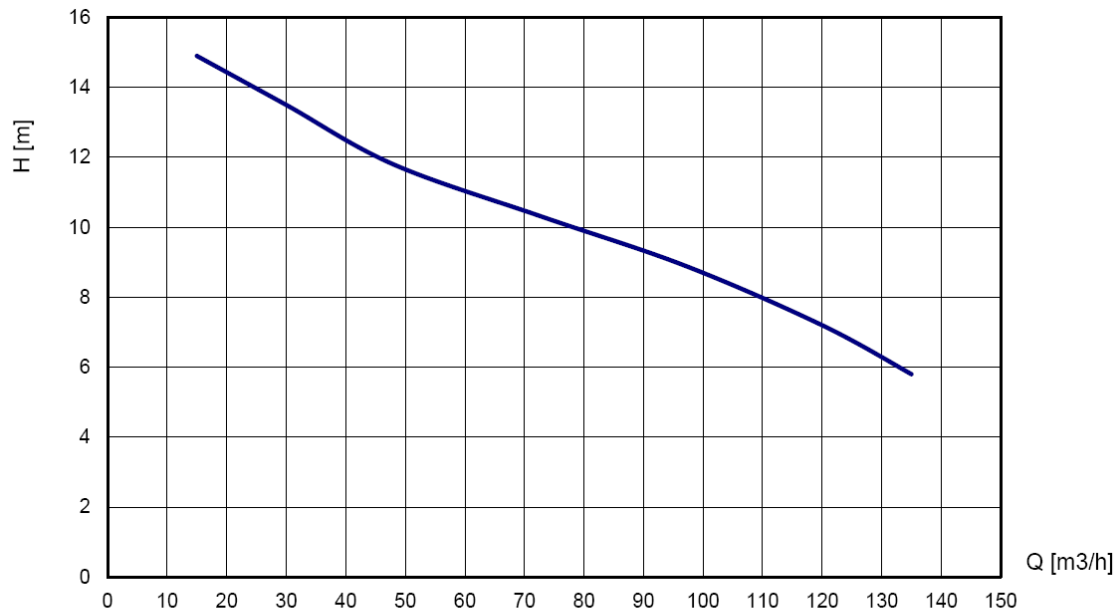
After sales service & product support

- 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 ³ /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
Seal faces	Tung/Tung
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.....	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

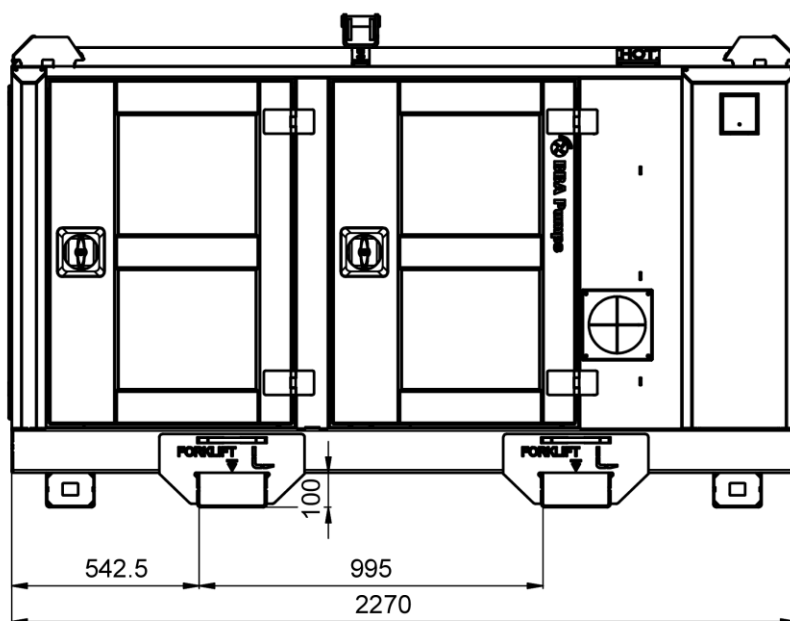
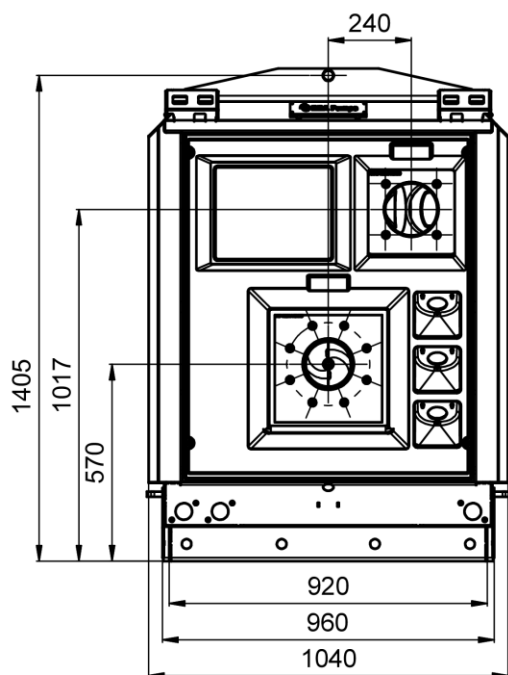
- Auto start/stop system
- Two float switches included (10 m cable)
- Plug for pressure transmitter
- Switch Manual-0-Auto
- Hour counter
- Plug 5 pin - 32 Amp.
- Soft starter package



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.



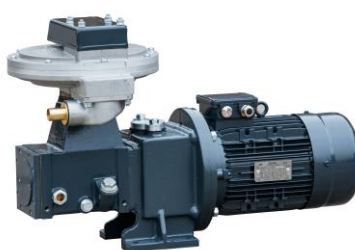
Channel impeller
GGG40 channel impeller,
ductile iron, solids handling
82 mm.



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



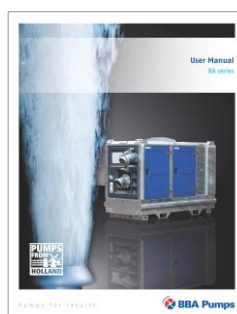
Safety
Extremely durable and
lockable T-locks offering
perfect grip.



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