



Pump specifications:

Type.....	BA300E D355
Max. flow	1300 m ³ /hour (5720 US GPM)
Max. pressure.....	22 mwc (73 ft.)
Connections.....	Discharge 12" – Suction 12"
Solids handling	120 x 105 mm
Impeller type	Semi-open impeller
Priming system	BBA MP100
Motor.....	75 kW – 4 pole
Voltage	400/690V 50 Hz
Starting method	DOL direct on line
Frame L x B	2650 x 1200 mm
Weight (net)	Approx. 2500 kg (5500 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 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
- Lean manufacturing philosophy
- 100% Oil-spill free priming system

Complete package designed & built by BBA Pumps

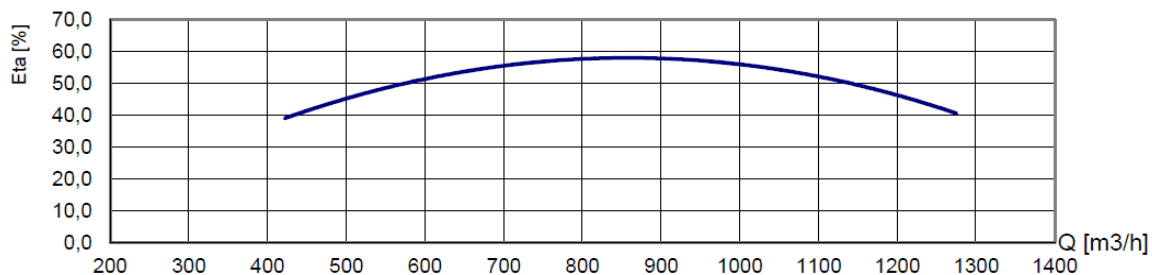
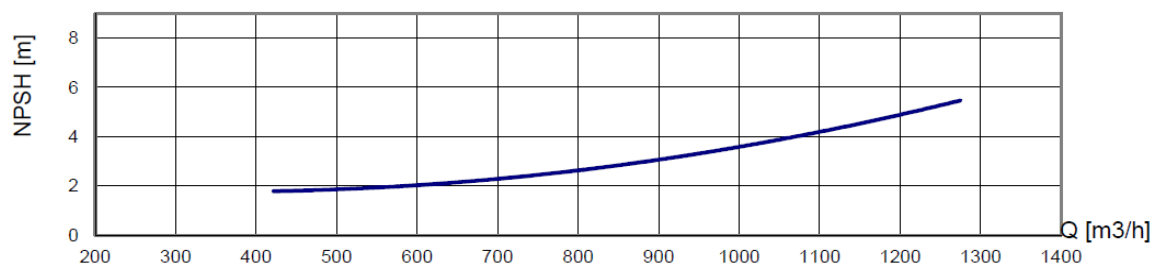
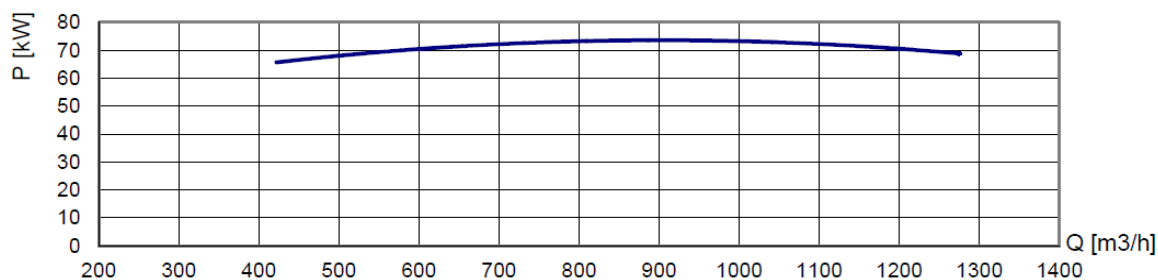
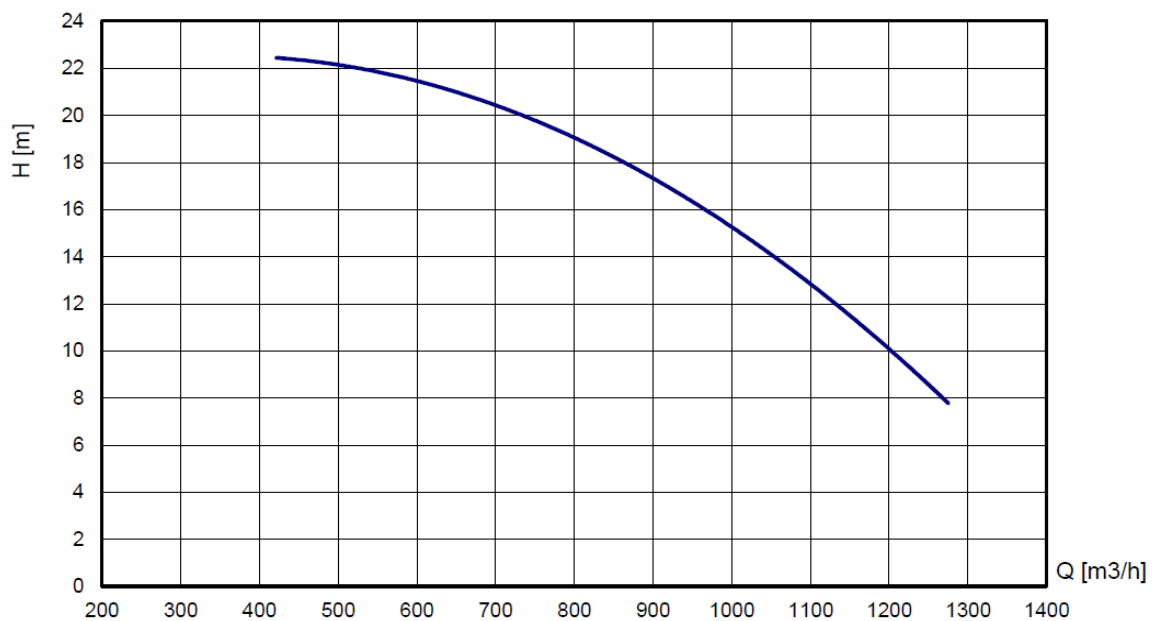
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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

PERFORMANCE CURVES (1490 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA300E D355
Max. flow.....	1300 m ³ /hour (5720 US GPM)
Max. head.....	22 mwc (73 feet)
Impeller type.....	Semi-open impeller
Solids handling.....	120 x 105 mm (4,7" x 4,1")
Pump casing.....	Cast iron GG20
Impeller.....	Ductile iron GGG70
Wear plate.....	Cast iron GG25
Pump shaft.....	42CrV6
Shaft seal.....	Mechanical seal
Seal faces.....	Tung/Tung
O-ring.....	Viton



BBA priming system

Pump type.....	BBA MP100 Diaphragm pump
Air handling capacity.....	100 m ³ /h (59 cfm)
Max. vacuum.....	8.5 m (29 Hg)
Float box.....	Aluminium
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N



Electric motor

Motor brand.....	Hoyer
Motor type.....	HMC3 280S-4
Power kW (hp).....	75 kW
Rated Voltage.....	400/690V 50Hz
Current (I nom.).....	130 Amp
4-pole.....	1490 RPM
Efficiency.....	95.5%
IE3.....	EC Directive 2005/32



Non return valve (shipped loose)

Model/size.....	DN300 (12")
Casing.....	GG25
Shaft.....	Not applicable
Sealing.....	Gasket
Cover.....	On top
Check valve.....	Buna N disc
Drain.....	Gate valve





Easy inspection

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



Large inspection covers

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



Factory Acceptance Test

Extensive testing facility in-house. FAT must be conducted formally and be witnessed by the owner and/or project manager.



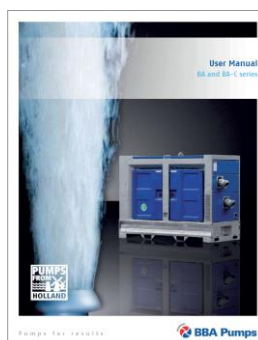
Double vacuum pump

Diaphragm pump, air-cooled, water-resistant and oil-spillage free.
Air capacity of 100 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 and BA-C

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