

**Pump specifications:**

Type.....BA400G D540  
 Max. flow .....3250 m<sup>3</sup>/hour (14300 US GPM)  
 Max. pressure .....30 mwc (106 ft.)  
 Connections.....Discharge DN400 – Suction DN500  
 Solids handling ..... 100 mm (3,93")  
 Impeller type .....Axial flow impeller  
 Priming system ..... BBA MP100  
 Motor.....200 kW – 6 pole  
 Voltage .....400/690V 50Hz  
 Starting method .....DOL  
 Frame L x B .....3500 x 1700 mm (138 x 67 inch)  
 Dry weight.....4680 kg (10.296 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 galvanised frame or canopy
- Lean manufacturing philosophy
- 100% Oil-spill free priming system

**Complete package designed & built by BBA Pumps**

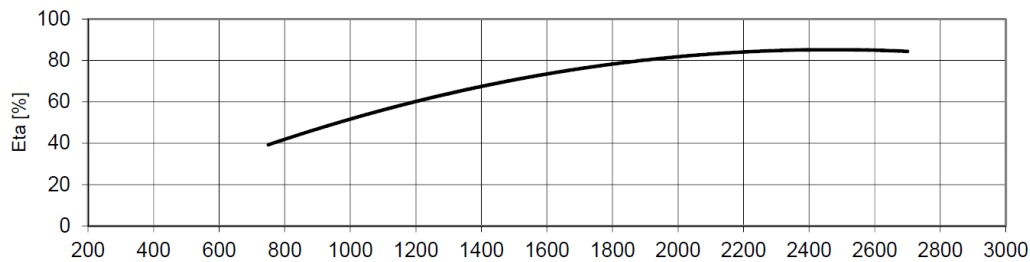
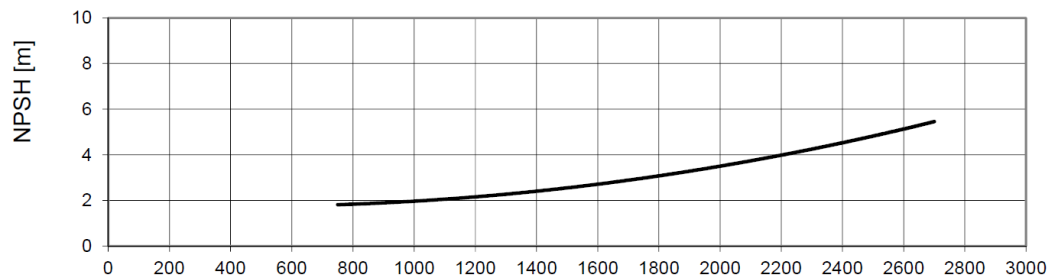
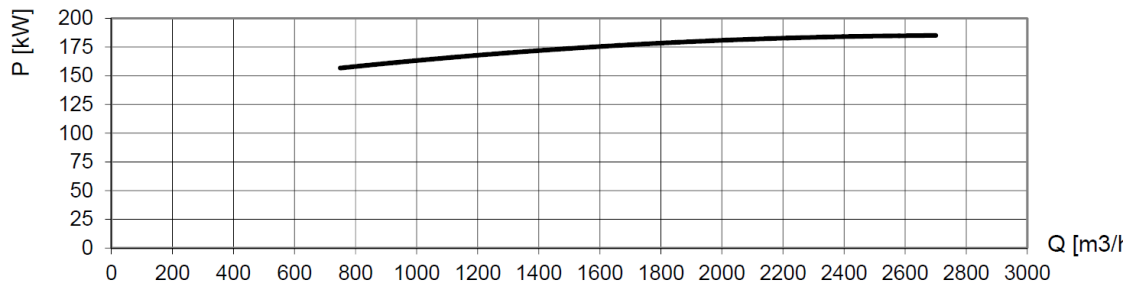
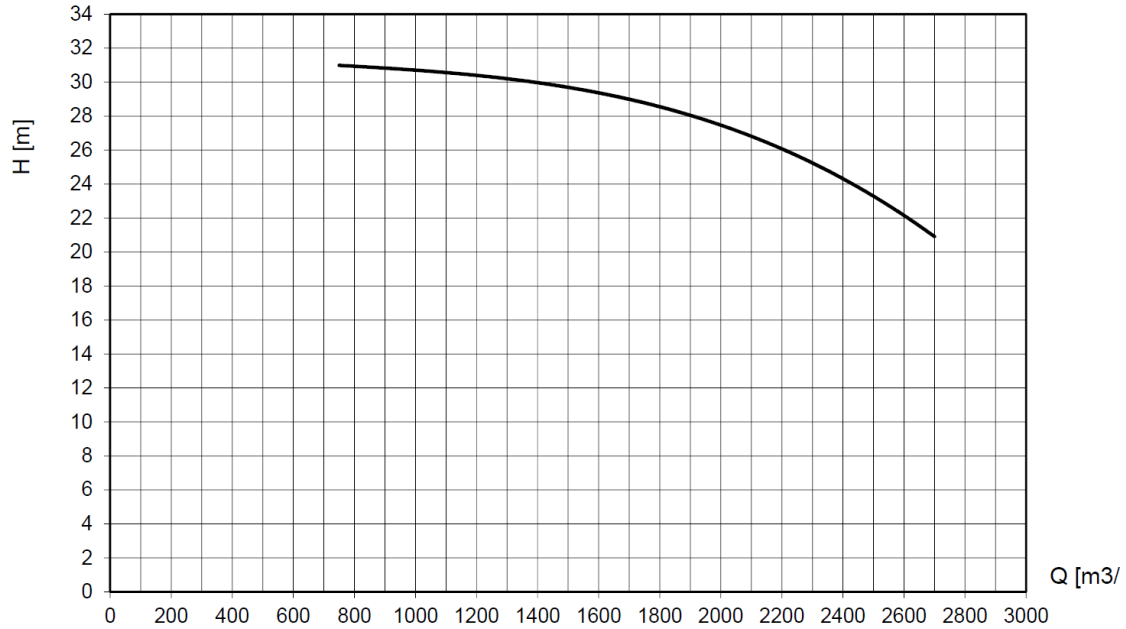
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

**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 (1000 RPM)**

Continuous duty according ISO 9906



**STANDARD TECHNICAL SPECIFICATIONS**

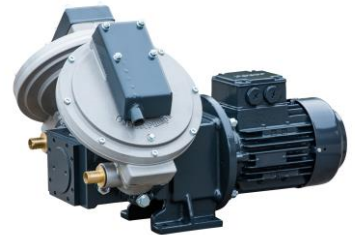
**BBA auto prime pump**

Pump type.....	BA400G D540
Max. flow.....	3250 m <sup>3</sup> /hour (14.300 US GPM)
Max. head.....	30 mwc (99 feet)
Impeller type.....	Axial flow impeller
Solids handling.....	100 mm (3,93 inch)
Best efficiency point.....	87%
Pump casing.....	Cast iron GG20
Impeller.....	Ductile iron GGG40
Pump shaft.....	42CrV6
Shaft seal.....	Mechanical seal



**BBA priming system**

Pump type.....	BBA MP100 Diaphragm pump
Air handling capacity.....	100 m <sup>3</sup> /h (59 CFM)
Max. vacuum.....	8.5 m (29 inHg)
Drive.....	3kW – 400V
Float box.....	St 37 hot dip galvanized
Float.....	Stainless steel 304
Non return valve.....	Cast iron GG25



**Electric motor**

Motor.....	HMC3-355M2-6
Motor type.....	6 pole
Power kW (hp).....	200 kW
Rated Voltage.....	400/690V 50Hz
Current (I nom.).....	342 Amp
6-pole.....	970 RPM
Terminal protection.....	PTC
Protection class.....	IP55



**Non return valve (loose part)**

Model/size.....	DN400 (16")
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.



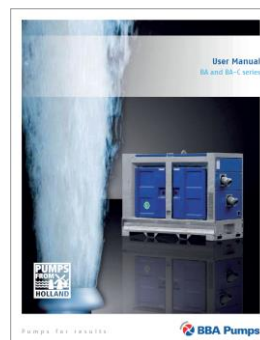
**Factory Acceptance Test**  
Extensive testing facility in-house. FAT must be conducted formally and be witnessed by the owner and/or project manager.



**Double vacuum pump**  
Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 100 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**  
Extensive user manual with important information concerning the pump unit, pump installation and safety warnings. Available in several languages.

Myynti: Aquator Oy  
puh. 044 788 1620  
puh. 044 088 1620  
info@aquator.fi

**AQUATOR**  
water technologies

Pictures used are for illustration purposes only.