

Canopy M12-29

**Pump specifications:**

Type.....	BA300KS D328
Max. flow .....	850 m <sup>3</sup> /hour (3740 US gpm)
Max. pressure .....	21 mwc (69 ft.)
Connections.....	DN300 (12")
Solids handling .....	130 mm
Impeller type .....	Screw channel impeller
Priming system .....	BBA MP100
Motor.....	45 kW – 4 pole
Voltage .....	400/690V 50 Hz
Motor control options .....	DOL – VFD
Frame or canopy .....	12-29 or M12-29
Weight (approx.) .....	2250 kg / 3450 kg

**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”.

**Electric pumps in canopy**

- Extremely low noise level
- Maximum safety while running
- Better resistant to vandalism
- More space for your branding
- Optimal weather protection
- Minimal ageing, therefore stable in value

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

- Complete in-house design & production
- Over 70 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**

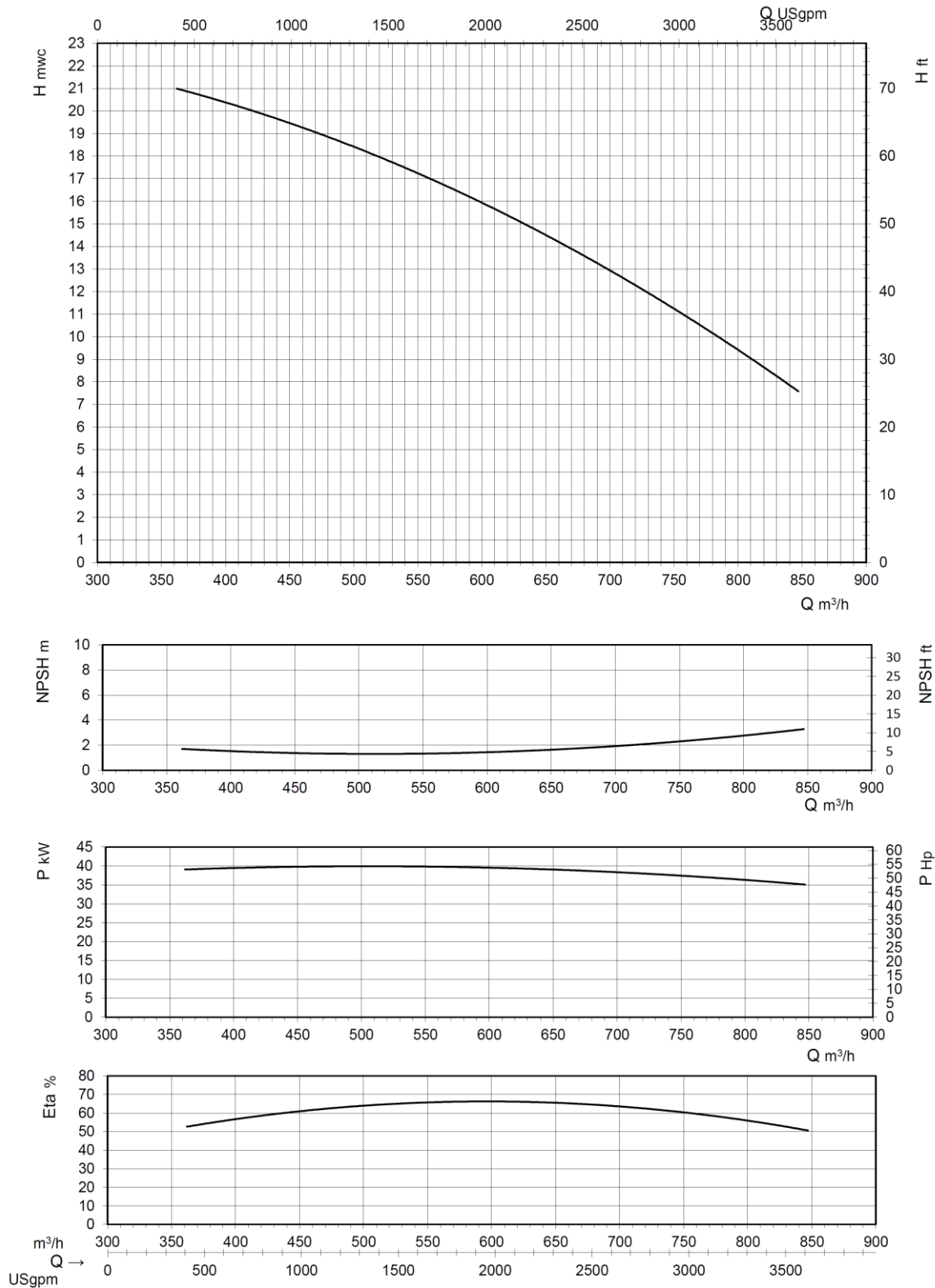
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



Base frame 12-29

## PERFORMANCE CURVES (1490 RPM)

Continuous duty according ISO 9906



**STANDARD TECHNICAL SPECIFICATIONS**
**BBA auto prime pump**

Pump type.....	BA300KS D328
Max. flow.....	850 m <sup>3</sup> /hour (3740 US gpm)
Max. head.....	21 mwc (69feet)
Impeller type .....	Screw channel impeller
Solids handling .....	130 mm (5,1")
Impeller w/ cutter slots.....	Chrome Moly 42CrM04
Suction piece .....	Chrome Moly 42CrM04
Backplate w/ cutting edges..	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 <sup>3</sup> /h (59 cfm)
Max. vacuum .....	8,5 m (29 Hg)
Drive .....	Electric motor 3kW – 400V motor
Float box .....	Hot dip galvanised steel
Non return valve .....	Cast iron GG25
Check valve disc.....	Buna-N


**Electric motor**

Motor brand .....	Hoyer
Motor type.....	HMC 225M-4
Power kW (hp).....	45 kW
Rated Voltage.....	400/690V 50Hz
Current I <sub>n</sub> .....	77,5 A
4-pole.....	1480 rpm
Protection class .....	IP55
Standard .....	IEC 60034


**Non return valve**

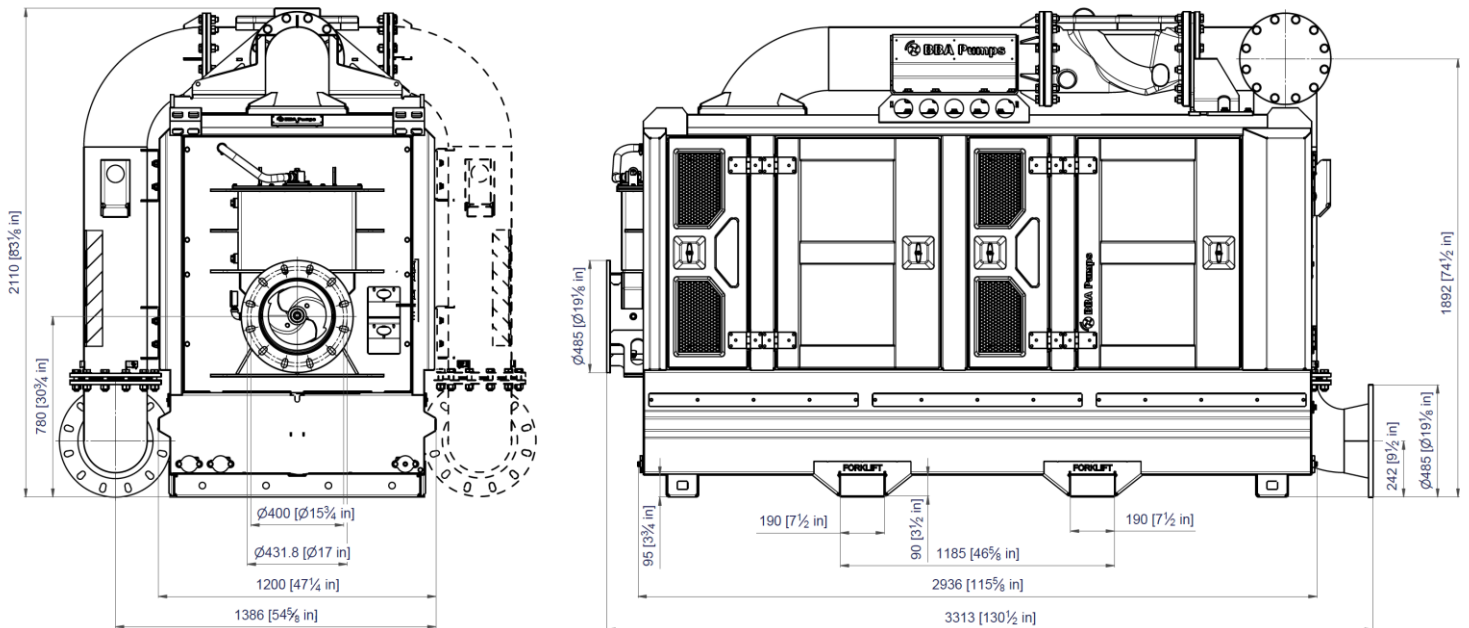
Casing.....	GG25
Shaft .....	Not applicable
Sealing.....	Gasket
Cover .....	On top
Check valve .....	Buna N disc
Drain .....	Gate valve



### CANOPY M12-29

#### BBA sound attenuating canopy

Canopy type.....	M12-29
Dimensions L x W x H .....	3313 x 1200 x 2125 mm
Dimensions L x W x H .....	130 x 47.2 x 83.5 inch
Discharge connection .....	12" DIN / ANSI flange with PCD K400 / K431,8 <b>rotatable</b> (12 holes)
Suction connection .....	12" DIN / ANSI flange with PCD K400 / K431,8 (12 holes)
Basic frame .....	Hot dip galvanised steel
Doors .....	8 composite easy-access doors (lockable)
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point .....	Fitted with 2 lifting points
Motor control.....	DOL, optional VFD
Documentation box.....	BBA user manual and warranty book



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



**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.



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



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