

Canopy M12-29

Pump specifications:

| | |
|-----------------------------|---|
| Type..... | BA300KS D355 |
| Max. flow | 1020 m ³ /hour (4500 US gpm) |
| Max. pressure | 26 mwc (85 ft.) |
| Connections..... | DN300 (12") |
| Solids handling | 130 mm |
| Impeller type | Screw channel impeller |
| Priming system | BBA MP100 |
| Motor..... | 55 kW – 4 pole |
| Voltage | 400/690V 50 Hz |
| Motor control options | DOL – VFD |
| Frame or canopy | 12-29 or M12-29 |
| Weight (approx.) | 2400 kg / 3600 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

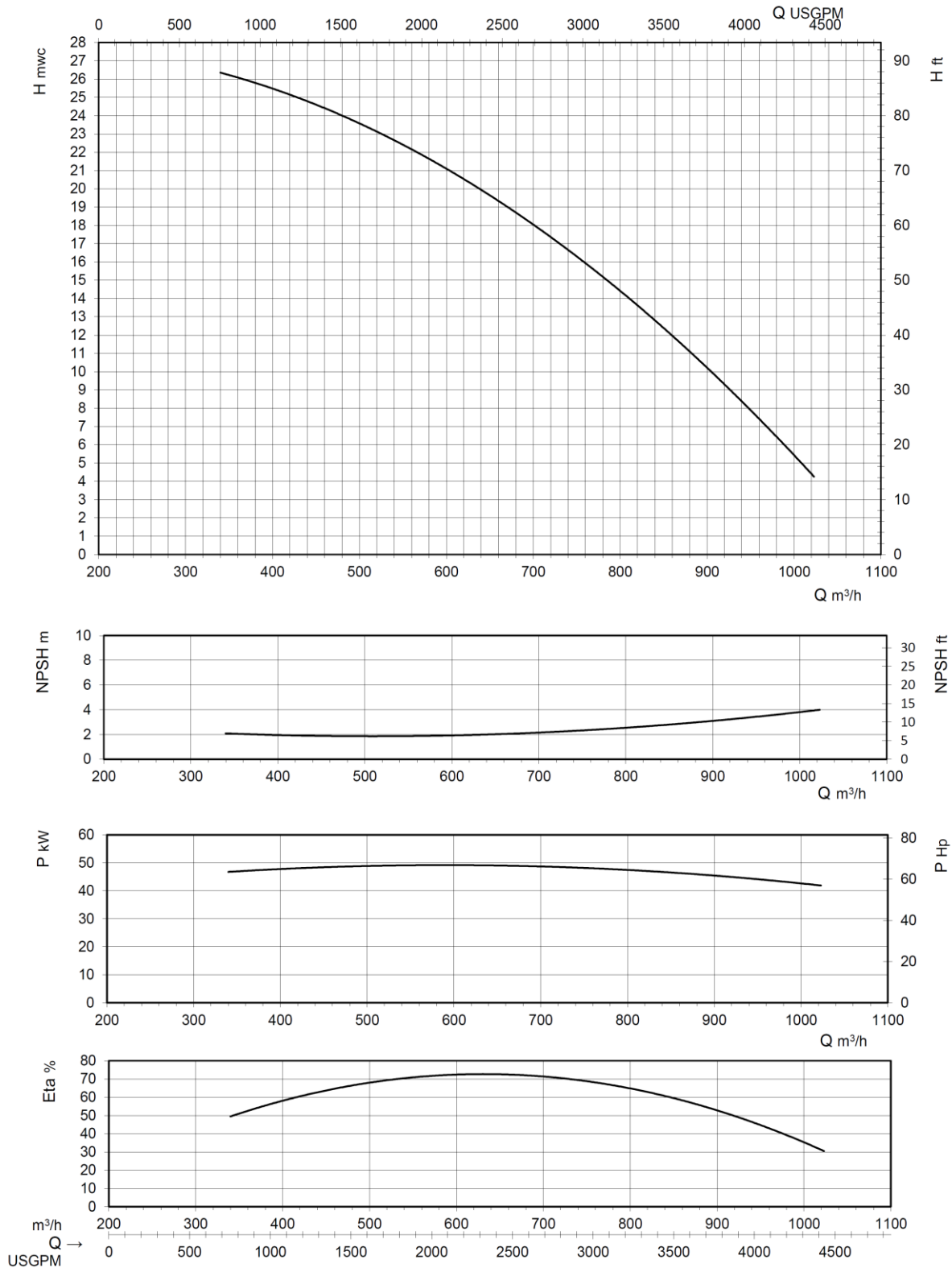
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



Base frame 12-29

PERFORMANCE CURVES (1490 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS
BBA auto prime pump

| | |
|-------------------------------|---|
| Pump type..... | BA300KS D355 |
| Max. flow..... | 1020 m ³ /hour (4500 US gpm) |
| Max. head..... | 26 mwc (85 feet) |
| 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 ³ /h (59 cfm) |
| Max. vacuum..... | 8,5 m (29 Hg) |
| Drive..... | Electric motor 3kW – 400V motor |
| Float box..... | Aluminium |
| Non return valve..... | Cast iron GG25 |
| Check valve disc..... | Buna-N |


Electric motor

| | |
|------------------------------|---------------|
| Motor brand..... | Hoyer |
| Motor type..... | HMC 250M-4 |
| Power kW (hp)..... | 55 kW |
| Rated Voltage..... | 400/690V 50Hz |
| Current I _n | 96 A |
| 4-pole..... | 1480 rpm |
| Protection class..... | IP55 |
| Standard..... | IEC 60034 |


Non return valve

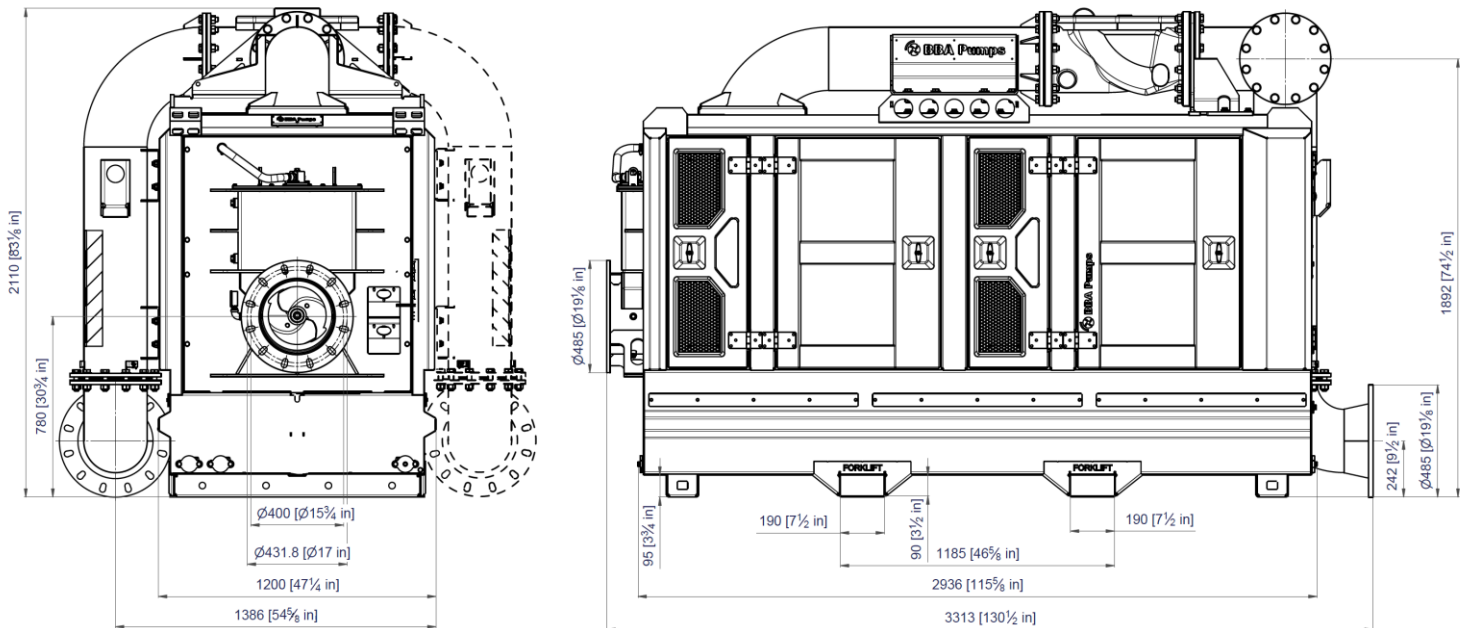
| | |
|------------------|----------------|
| Casing..... | GG25 |
| Shaft..... | Not applicable |
| Sealing..... | Gasket |
| Cover..... | On top |
| Check valve..... | Buna N disc |
| Drain..... | Gate valve |



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