

Canopy **M12-29**

Pump specifications:

Type.....	BA300E D355
Max. flow	1250 m ³ /hour (5500 US gpm)
Max. pressure	22 mwc (73 ft.)
Connections.....	DN300 (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
Motor control options	DOL – VFD
Frame or canopy	12-29 or M12-29
Weight (approx.)	2500 kg / 3700 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

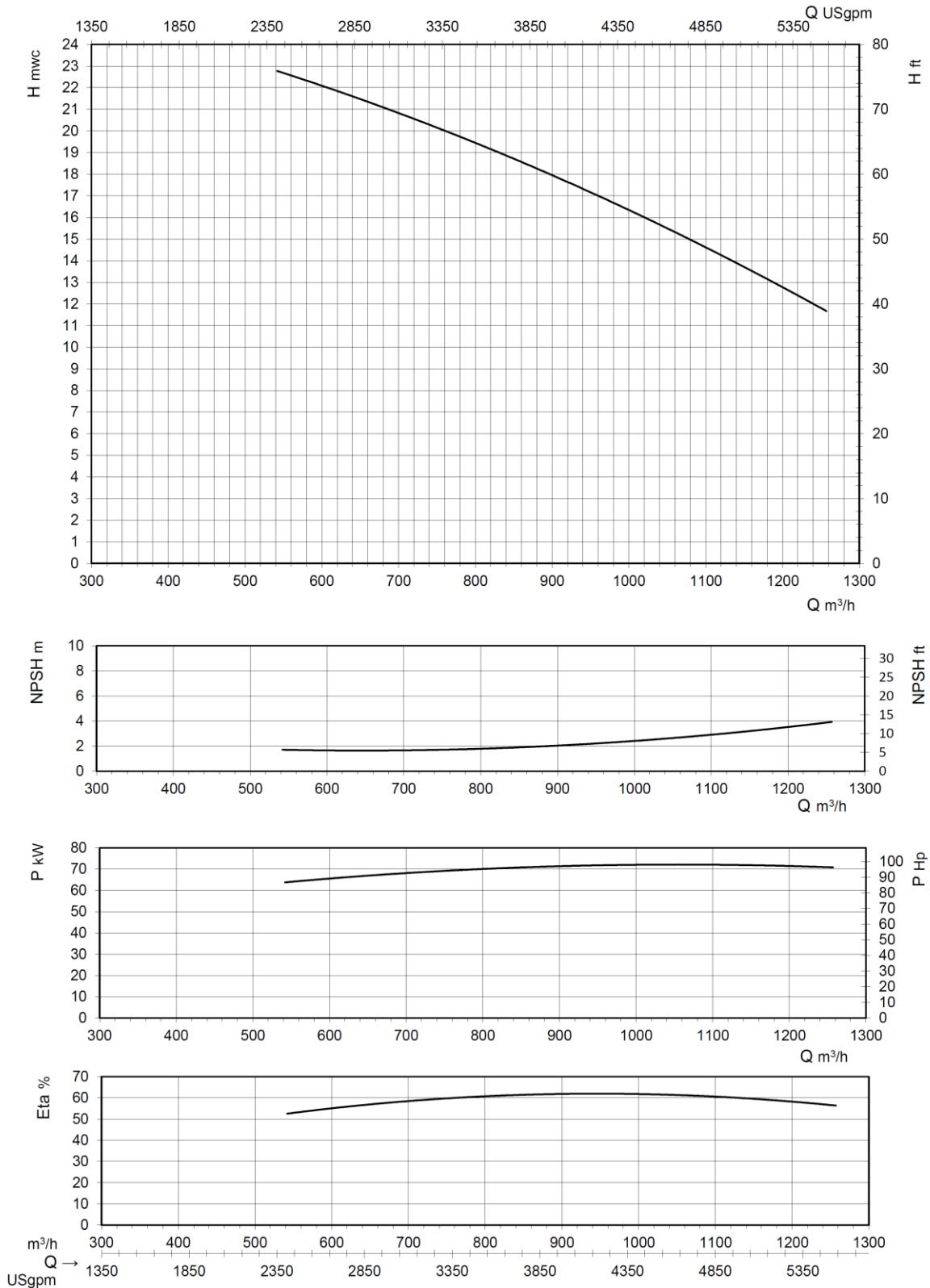
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



Base frame **12-29**

PERFORMANCE CURVES (1450 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS
BBA auto prime pump

Pump type.....	BA300E D355
Max. flow.....	1250 m ³ /hour (5500 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 GG25
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)
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 280S-4
Power kW (hp).....	75 kW
Rated Voltage.....	400/690V 50Hz
Current I _n	132 A
4-pole.....	1480 rpm
Protection class.....	IP55
Standard.....	IEC 60034


Non return valve

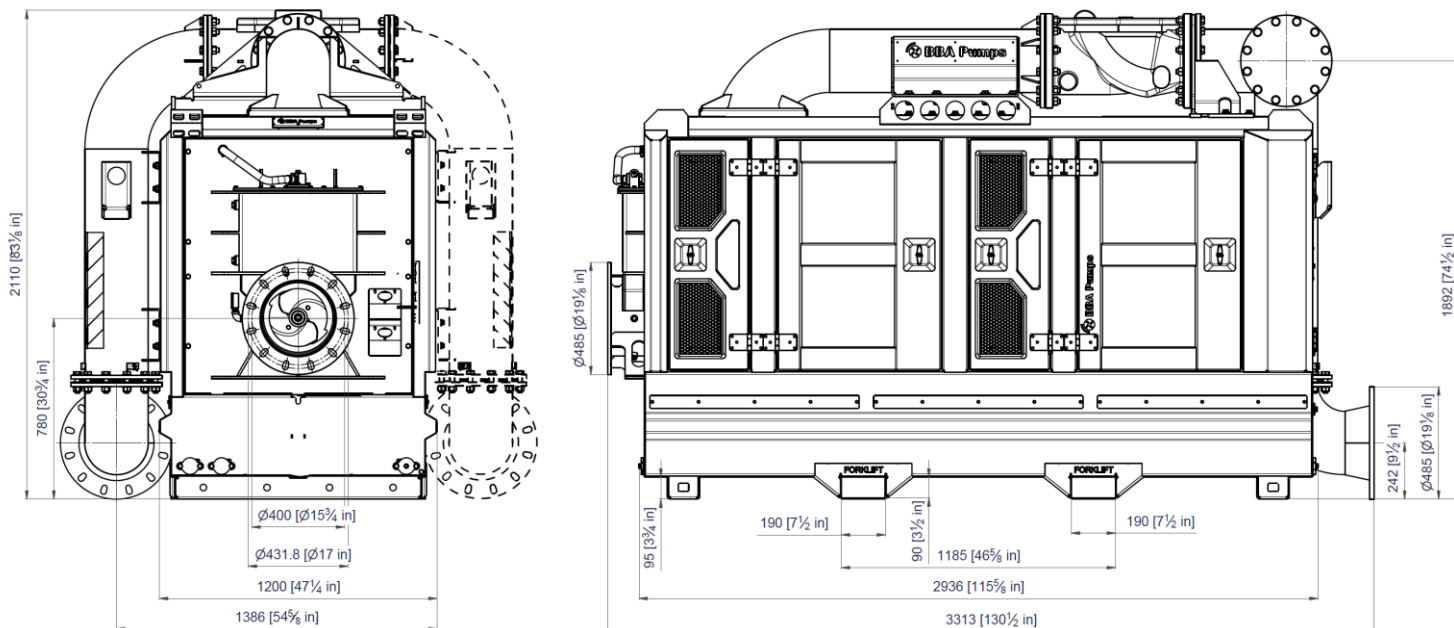
Casing.....	GG25
Shaft.....	Not applicable
Sealing.....	Gasket
Cover.....	On top
Check valve.....	Buna N disc
Drain.....	Gate valve



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.