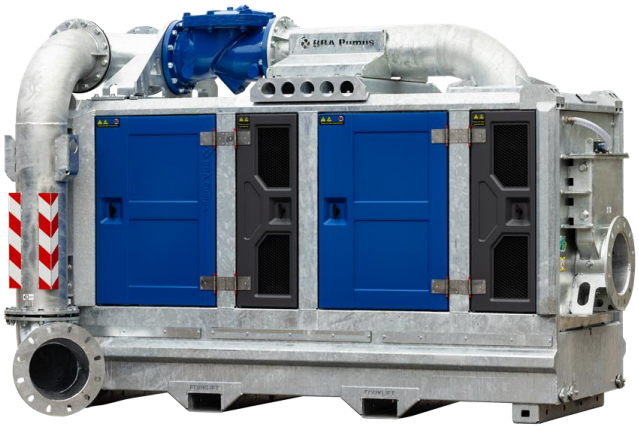
BA300KS Electrically Driven
Sewage and Trash Pump
Max. 1020 m^3/hour, Max. 26 mwc



Pump specifications:

Type	BA300KS D355
Max. flow	1020 m^3/hour (4500 US gpm)
Max. pressure	26 mwc (85 ft.)
Solids handling	130 mm (5.1")
Impeller type	Screw channel impeller
Priming system	BBA MP100
Motor	55 kW | 4 pole | 400/690V
Motor control	Frequency drive
Display	HMI touchscreen
Canopy	M12-29
Connections	DN300 (12")
Dry weight	Approx. 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”.

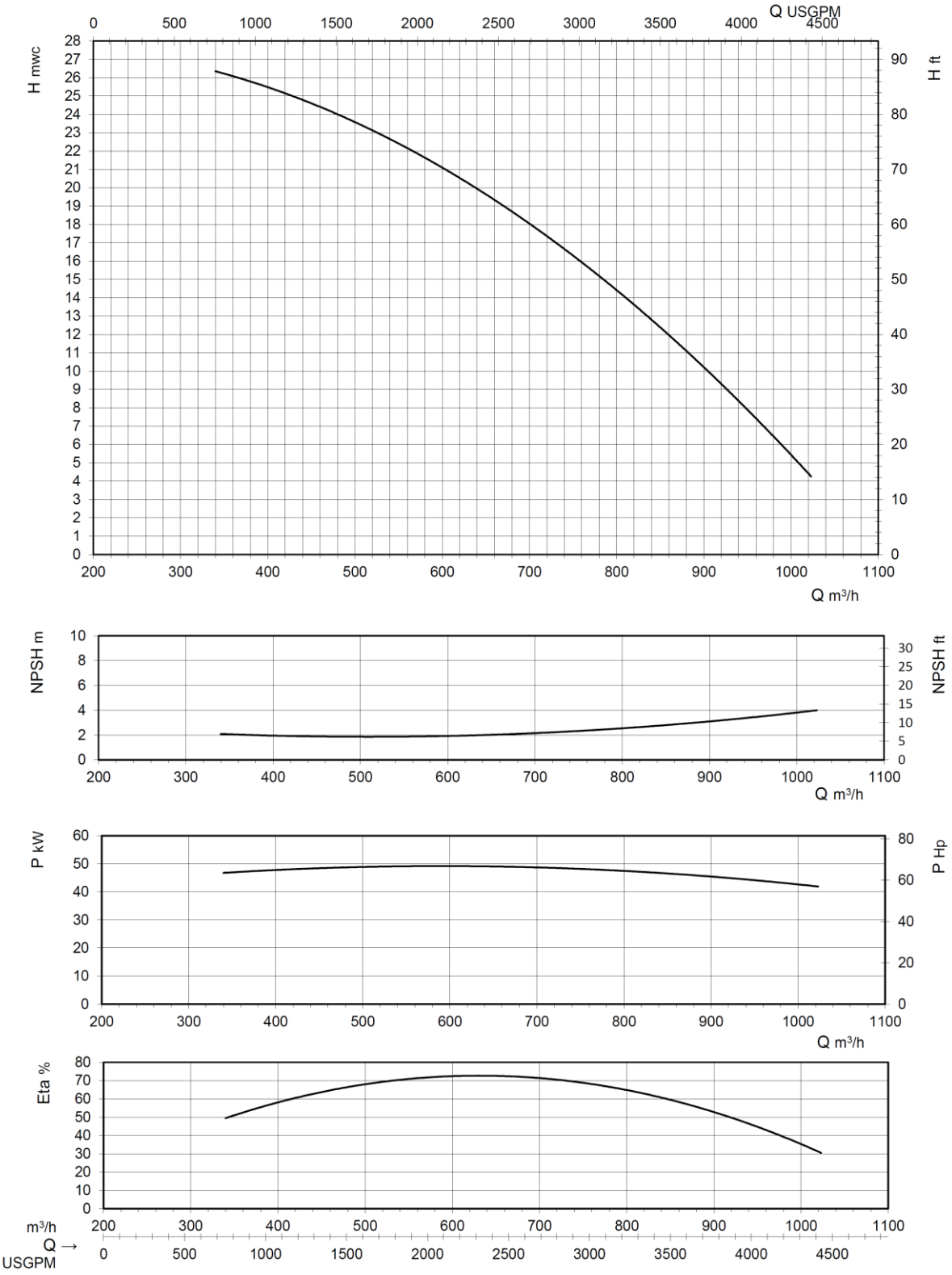
Electric pumps in canopy
- Extremely low noise level
- Maximum safety while running
- Better resistant to vandalism
- More space for your branding
- Optimal weather protection
- Minimal ageing, therefore stable in value

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

PERFORMANCE CURVES (1490 RPM)

Continuous duty according to ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA Pumps auto prime pump

Pump type	BA300KS D355
Max. flow	1020 m³/hour (4500 US gpm)
Max. head	26 mwc (85 feet)
Impeller type	Screw channel impeller
Solids handling	130 mm (5.1")
Pump casing	Cast iron GG25
Impeller w/ cutter slots	Chrome Moly 42CrMo4
Suction piece	Chrome Moly 42CrMo4
Backplate w/ cutting edges	Cast iron GG25
Pump shaft	42CrV6
Shaft seal	Mechanical seal
Seal faces	Tung/Tung
O-ring	Viton

BBA Pumps priming system

Pump type	MP100 diaphragm pump
Air handling capacity	100 m³/h (59 cfm)
Max. vacuum	8,5 m (25 inHg)
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 250M-4
Power kW	55 kW
Rated Voltage	400/690V 50Hz
Current (I nom.)	96 Amp
4-pole	1480 rpm
Efficiency	94,6 %
Protection class	IP55
Thermal protection	PTC
Standard	IEC 60034

BBA Pumps control panel

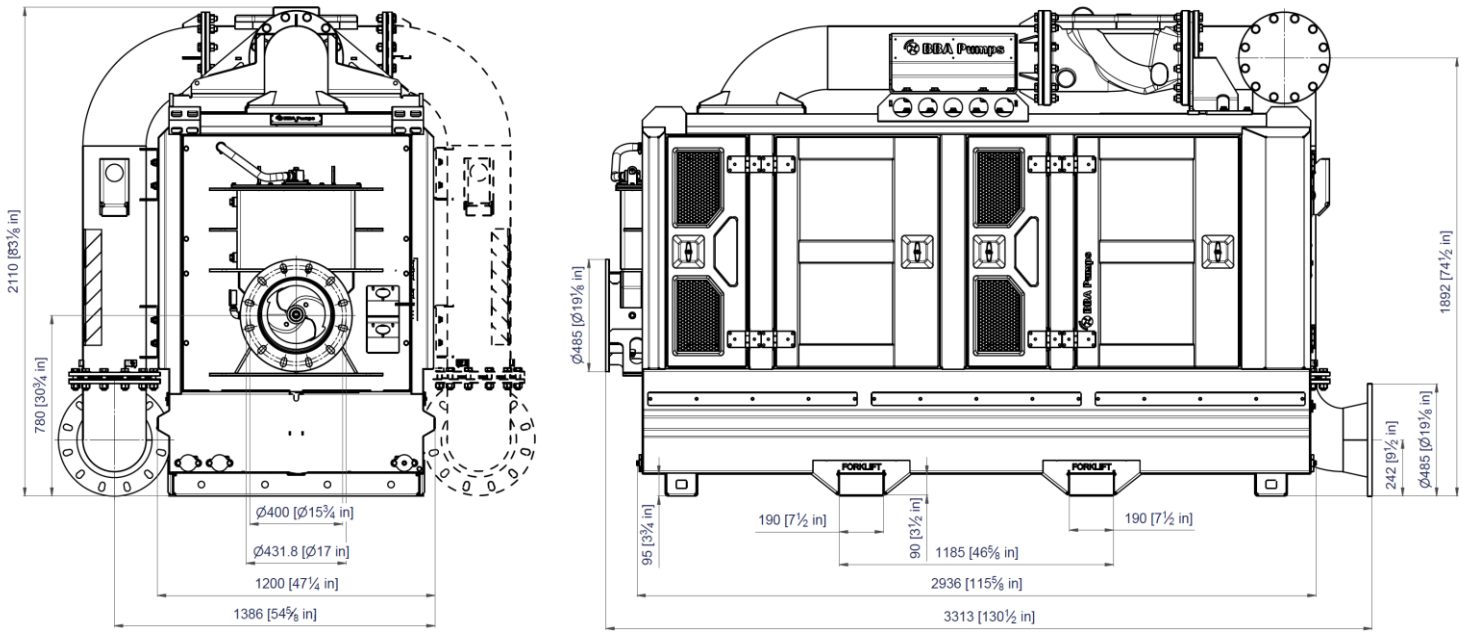
Touchscreen	HMI Human-Machine Interface
Frequency drive	For variable speed and energy saving
Automatic level control	Start/stop with two float switches
PID control	Level sensor is optional
Languages	Dutch | German | English
Configuration portal	For managing specific functions for users
Actual information	Hour counter, malfunctions, required kWh

All electrical components **safe** and **dry** behind a lockable door.

CANOPY M12-29

BBA Pumps 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	Frequency drive integrated in the canopy behind lockable door
Documentation box	BBA Pumps user manual and warranty book



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

PUMPS FROM HOLLAND

Screw channel impeller
This special designed closed screw impeller is a real waste warrior. Even at higher speed, or with pumping air bubbles, the pump runs vibration-free. The best choice for your sewer bypass jobs.

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

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

Vacuum system
Diaphragm pump, air-cooled, water-resistant and oil-spillage free.
Air capacity of 100 m^3/hour.

Level sensor is optional
The level sensor, in combination with the built-in PID control, ensures accurate level control and reduces energy consumption.

4 Year limited warranty
The BBA Pumps limited warranty covers years or operating hours whichever occurs first.
For more details, please consult the BBA warranty book.

Pictures used are for illustration purposes only.