

BA200E Diesel Driven
Dewatering and Sewage Pump
Max. 3365 US GPM, Max. 197 ft. / 85 PSI



Pump specifications:

Type.....	BA200E D405
Max. flow	3365 US GPM (765 m3/hour)
Max. pressure	197 ft. / 85 PSI (60 mwc)
Discharge x suction	8" x 10" flanges
Solids handling	3" (76 mm)
Impeller type	Open impeller
Priming system	BBA MP50
Engine	Volvo Penta TAD572VE
Emission standard	Tier 4 final
Canopy	M14-30
Sound level.....	Approx. 69 dB(A) at 33 ft.
Dry weight.....	8760 lbs. (3980 kg)

FEATURES

BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring a fully automatic 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 demanding construction market.

World-class performance

The BA range is built to be deployed on the most demanding applications. Using high efficiency pumps and state-of-the-art diesel engines, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

Sustainability

- High efficiency pumps minimising fuel consumption
- Corrosion free hot dip galvanized canopy
- Corrosion free composite door panels and powder coated plating
- 100% Oil-spill free priming system
- Fully self contained unit featuring a double wall fuel containment tank and fluid containment system eliminating fuel/oil spills at all times

Complete package designed & built by BBA Pumps

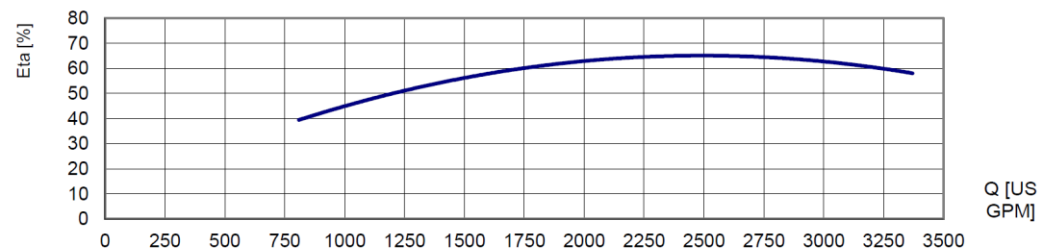
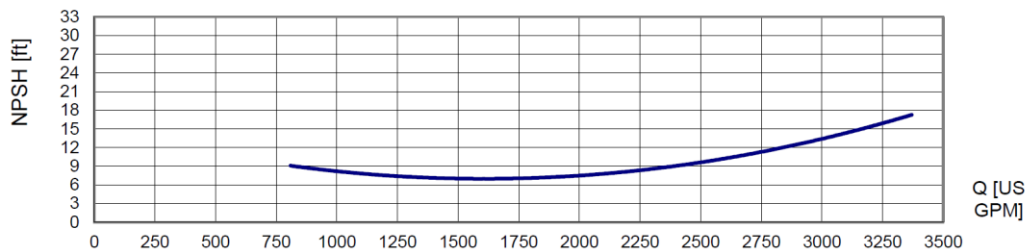
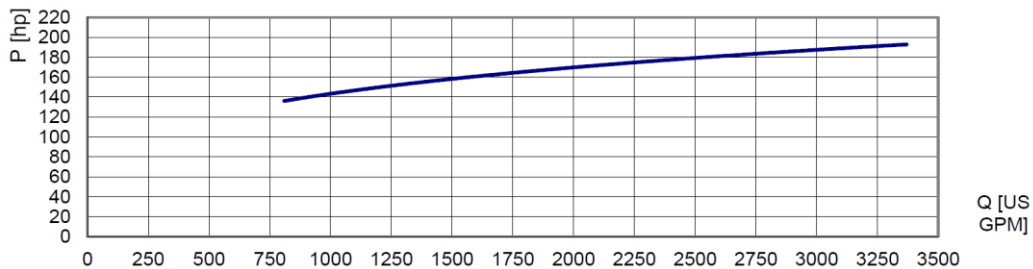
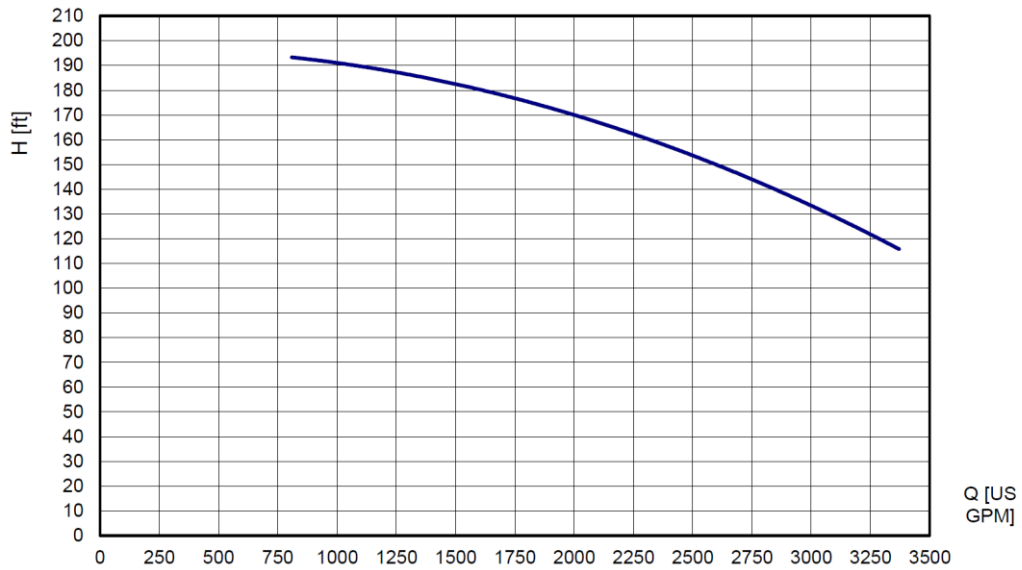
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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 1800 RPM

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA200E D405
Max. flow.....	3365 US GPM (765 m³/hour)
Max. head.....	197 feet (60 mwc)
Impeller type.....	Open impeller
Solids handling.....	3 inch (76 mm)
Pump casing.....	Ductile iron
Impeller.....	Stainless steel GX4CrNi13-4 (1.4317)
Wear plate.....	Stainless steel GX4CrNi13-4 (1.4317)
Pump shaft.....	Stainless steel 316
Shaft seal.....	Mechanical seal
Seal faces.....	HM/HM
O-ring.....	Viton



BBA priming system

Pump type.....	BBA MP50 Diaphragm pump
Air handling capacity.....	28 CFM (50 m³/h)
Max. vacuum.....	29 inHg (8.5 m)
Drive.....	Toothed belt (continuous drive)
Float box.....	Aluminium
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N



Engine

Engine brand.....	Volvo Penta
Engine type.....	TAD572VE
Flywheel power.....	197 Hp (145 kW)
Engine speed.....	800 - 1800 RPM
Fuel consumption.....	202 g/kWh
Displacement.....	5.1 ltr
Number of cylinders.....	4
Aftertreatment.....	SCR (=AdBlue)
Exhaust emission US.....	Tier 4 final

Lofa control panel LC30

- Auto start/stop system
- Two float switches included (10m cable)
- Switch Manual-0-Auto
- RAMP-UP/DOWN function
- Rpm. control with push buttons
- Warning lights
- 4.3" LCD monitor



Fuel system

- Fuel tank steel 125 US Gallon net (475 L.)
- AdBlue® tank 48 US Gallon net (180 L.)
- Electronic fuel injection system

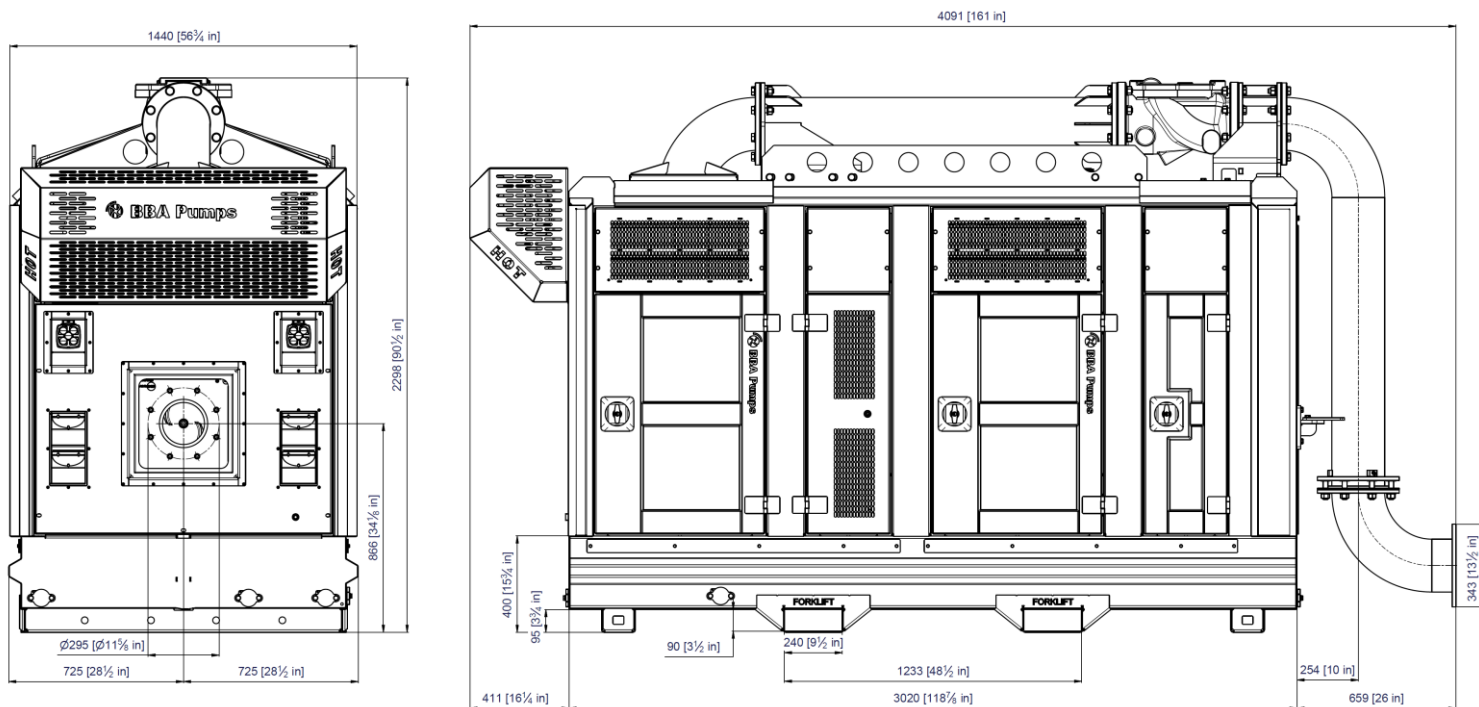
Electrical system & safety features

- Premium quality battery
- Low oil pressure shut down
- High temperature shut down

CANOPY M14-30 (discharge roof pipe)

BBA sound attenuating canopy

Canopy type.....	M14-30
Dimensions L x W x H	157.5 x 57 x 98.4 inch
Dimensions L x W x H	4000 x 1450 x 2500 mm
Basic frame.....	Hot dip galvanized
Doors	6 composite easy-access doors (lockable)
Fuel tank	Steel net 125 US gallon (475 ltr)
Fuel tank autonomy	14 hours (at 1800 rpm BEP)
Fuel tank cap	4 inch (100 mm)
Addblue® tank	PE net 48 US Gallon (180 ltr)
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point	Fitted with lifting points
Connections.....	Flange connections
Exhaust system	Muffler mounted on front canopy
Aftertreatment.....	Fully integrated in the canopy
Additional	Fitted with oil-water separator
Documentation box.....	BBA user manual and warranty book



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



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



LED lights
Fully integrated in the canopy for easy operation throughout the evening and night.



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



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



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.

Pictures used are for illustration purposes only.