
Pump specifications:

Type.....	BA300KS D388
Max. flow	4840 US gpm (1100 m3/hour)
Max. pressure	109 ft. / 47 PSI (33 mwc)
Solids handling	5.1" (130 mm)
Impeller type	Screw channel impeller
Priming system	BBA MP100
Engine	Perkins 904J-E36TA
Emission compliant.....	Tier 4 final – Stage V
Canopy	M12-29
Discharge x suction	12" x 12" flanges
Sound level.....	Approx. 70 dB(A) at 33 ft.
Dry weight.....	7920 lbs. (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 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

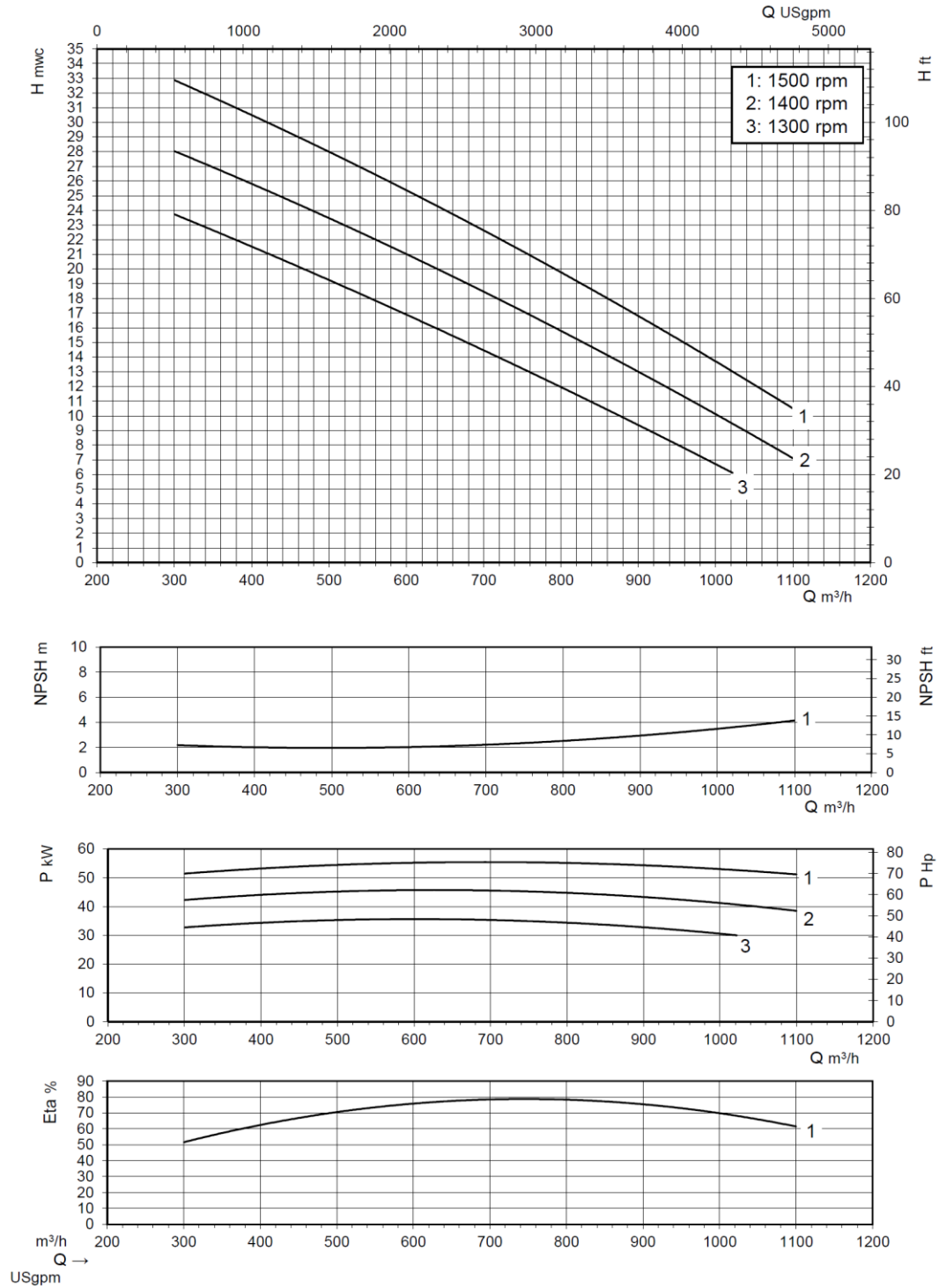
Complete package designed & built by BBA Pumps

- Complete in-house design & production
- Over 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
Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....BA300KS D388
 Max. flow.....4840 US gpm (1100 m3/hour)
 Max. head.....109 feet / 47 PSI (33 mwc)
 Impeller typeScrew channel impeller
 Solids handling5.1" (130 mm)
 Pump casing.....Cast iron GG25
 Impeller w/ cutter slots.....Chrome Moly 42CrM04
 Suction pieceChrome Moly 42CrM04
 Backplate w/ cutting edges..Cast iron GG25
 Pump shaft.....42CrMo4 heat treated
 Mechanical seal.....Tung/Tung/Viton

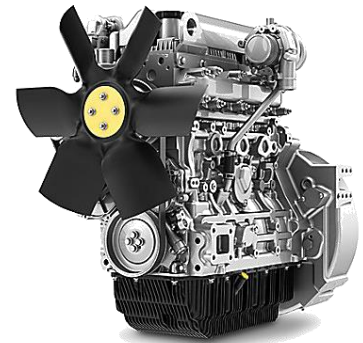


BBA priming system

Pump type.....BBA MP100 Diaphragm pump
 Air handling capacity59 CFM (100 m³/h)
 Max. vacuum29 inHg (8.5 m)
 DriveToothed belt (continuous drive)
 Float boxAluminium
 Non return valveCast iron GG25
 Check valve disc.....Buna-N

Engine

Engine brandPerkins
 Engine type.....904J-E36TA
 Max. power @ 2400 rpm122 Hp (90 kW)
 Engine speed variable1300 - 1500 RPM
 Fuel consumption215 g/kWh
 Displacement.....3.6 litres
 Number of cylinders.....4
 Aftertreatment.....DOC, DPF and SCR
 Emissions compliant.....Tier 4 final - Stage V



BBA control panel LC45

- Auto start/stop system
- Two float switches included (10m cable)
- Key switch
- Rpm. control with push buttons
- Warning lights
- 4.3" LCD display



Fuel system

- Composite fuel tank 80 US gallon (300 L.) net
- Composite DEF tank 10 US gallon (38 L.) net
- Electronic fuel injection system

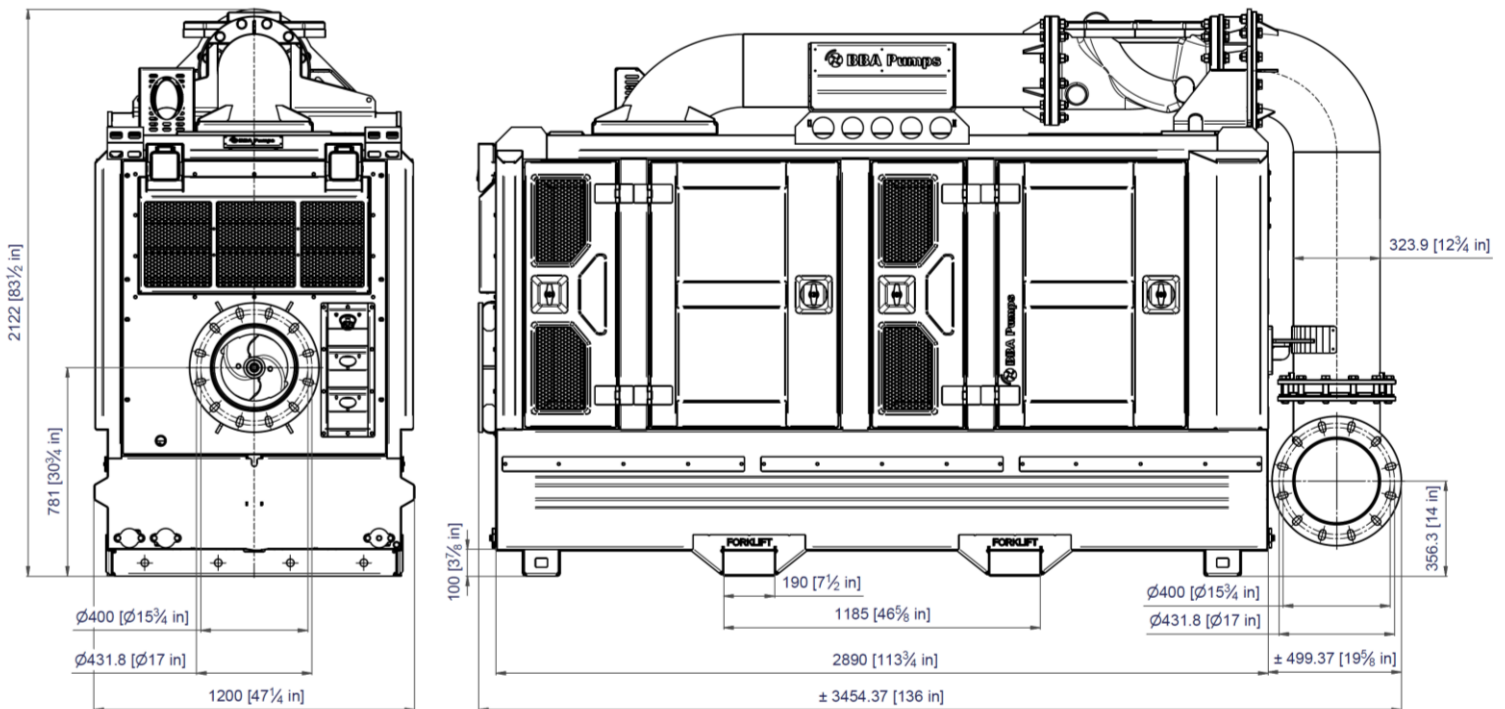
Electrical system & safety features

- Nominal voltage 12 Volt
- Premium quality battery
- Low oil pressure shut down

CANOPY M12-29

BBA sound attenuating canopy

- Canopy type.....M12-29
- Dimensions L x W x H 114 x 47.2 x 75 inch
- Dimensions L x W x H2900 x 1200 x 1903 mm
- 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 galvanized steel
- Doors8 composite easy-access doors (lockable)
- Fuel tankComposite net 80 US gallon (300 ltr)
- Fuel tank autonomy 18 hours (at 1500 rpm BEP)
- Fuel tank cap 100 mm (4 inch)
- Additional External fuel tank connection
- DEF tank.....Composite net 10 US gallon (38 ltr)
- orklift pockets.....Fitted with 2 forklift pockets
- Lifting point Fitted with lifting points
- Lighting Interior and exterior lighting
- Electrical isolation Battery isolator switch
- Safety.....Emergency stop
- Aftertreatment..... Fully integrated in the canopy
- Additional Fitted with oil-water separator
- Documentation box.....BBA user manual and warranty book



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



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 are all easily accessible.



Fuel tank
Fully bonded, corrosion-free, 80 gallon, high-density polyethylene (HDPE) fuel tank, located in base of canopy.



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.

Pump specifications are subject to change without prior notice to improve reliability or design.