BA200KS Diesel Driven
Sewage and Trash Pump
Max. 875 m^3/hour, Max. 35 mwc

Pump specifications:

Type	BA200KS D388
Max. flow	875 m^3/hour (3850 US gpm)
Max. pressure	35 mwc (115 ft.)
Solids handling	130 mm
Impeller type	Screw channel impeller
Priming system	BBA MP100
Engine	Perkins 1104D-44TA
Emission standard	Stage IIIA
Canopy	M12-29
Discharge x suction	DN200 x DN250 flanges
Sound level	Approx. 70 dB(A) at 10 m
Dry weight	3150 kg (6930 lbs.)

FEATURES

BA auto prime pump
The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring a 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 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”.

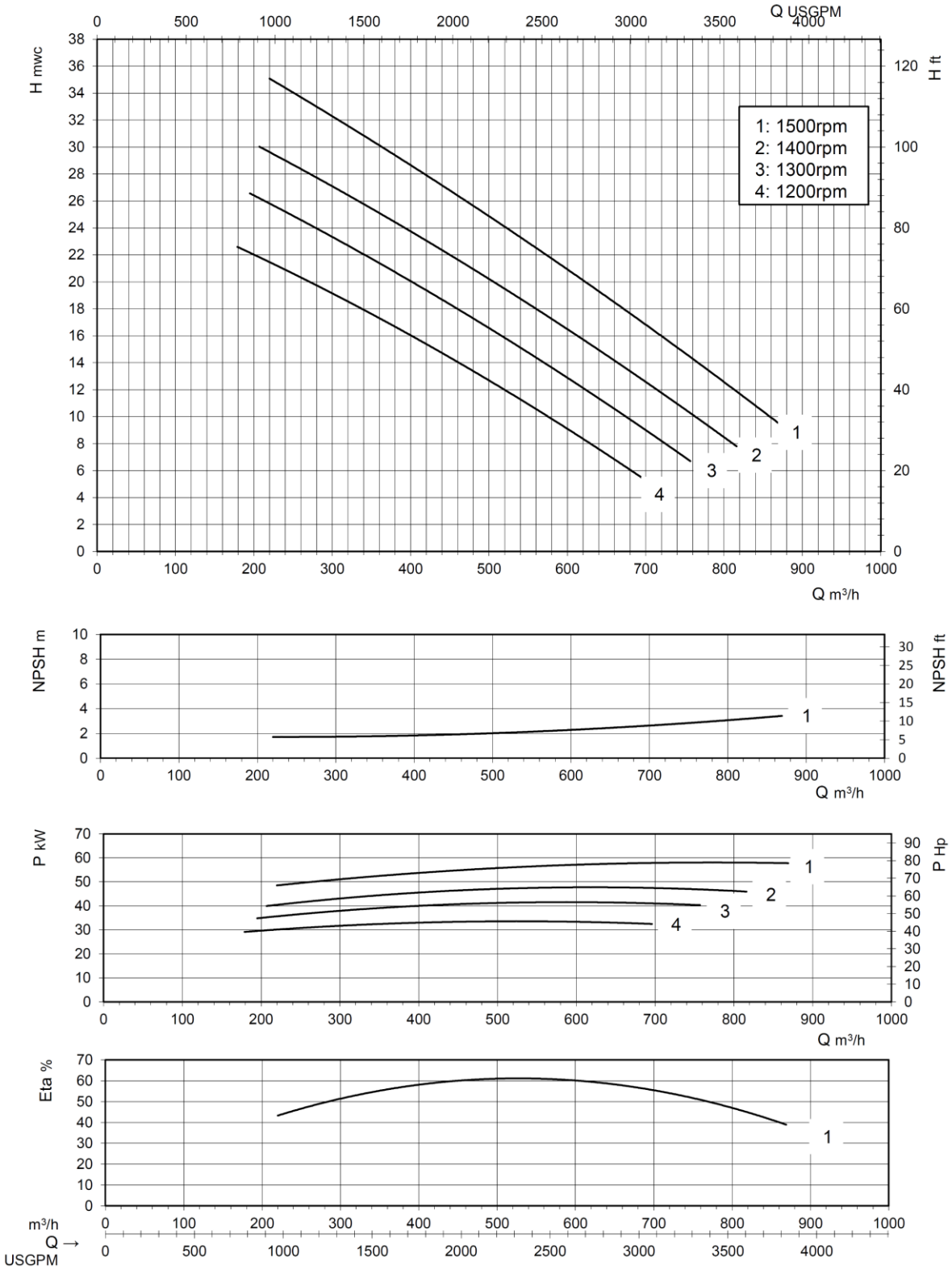
Sustainability
- High efficiency pumps minimising fuel consumption
- Corrosion free hot dip galvanized canopy
- Corrosion free composite door panels
- 100% Oil-spill free priming system
- Fully bunded unit eliminating fuel/oil spills at all times

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	BA200KS D388
Max. flow	875 m³/hour (3850 US gpm)
Max. head	35 mwc (115 feet)
Impeller type	Screw channel impeller
Solids handling	130 mm (5.1 inch)
Pump casing	Ductile iron GGG50
Impeller w/ cutter slots	Chrome Moly 42CrM04
Suction piece	Chrome Moly 42CrM04
Backplate w/ cutting edges	Chrome Moly 42CrM04
Pump shaft	42CrMo4 heat treated
Shaft seal	Mechanical seal
Seal faces	Tung/Sic
O-ring	Viton

BBA priming system

Pump type	BBA MP100 Diaphragm pump
Air handling capacity	100 m³/h (59 CFM)
Max. vacuum	8,5 m (29 inHg)
Drive	Toothed belt (continuous drive)
Float box	Aluminium
Non return valve	Cast iron GG25
Check valve disc	Buna-N

Engine

Engine brand	Perkins
Engine type	1104D-44TA
Flywheel power	67 kW (91 Hp)
Max. engine speed	1500 RPM
Fuel consumption	227 g/kWh
Displacement	4.4 l
Number of cylinders	4
Cooling system	Water cooled
Emission level	Stage IIIA

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

The LCD monitor displays additional engine data,
e.g. actual engine speed, working hours, battery voltage,
fuel consumption and failures in clear text (Multilanguage support)

Fuel system

- PE fuel tank 300 L. net (80 US Gallon)
- Fuel tank cap Ø 100 mm
- Mechanical fuel injection system

Electrical system & safety features

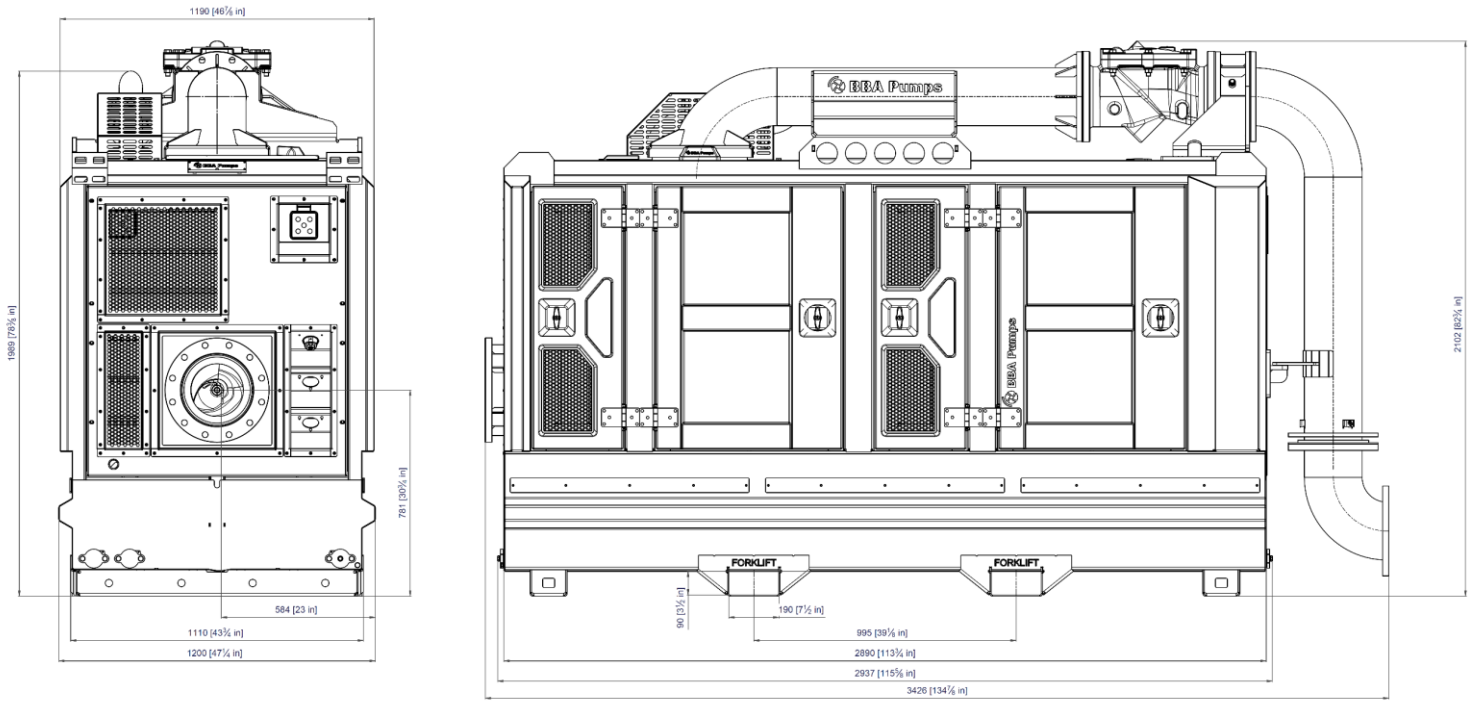
- Nominal voltage 12 Volt
- Premium quality battery
- Low oil pressure shut down

PUMPS FROM HOLLAND

CANOPY M12-29 (discharge roof pipe)

BBA sound attenuating canopy

Canopy type	M12-29
Dimensions L x W x H	3426 x 1200 x 2102 mm
Dimensions L x W x H	135 x 47.2 x 82.7 inch
Discharge connection	DN200 flange with PCD K295 **rotatable** (8 holes)
Suction connection	DN250 flange with PCD K350 (12 holes)
Basic frame	Hot dip galvanised steel
Doors	8 composite easy-access doors (lockable)
Fuel tank autonomy	18 hours (at 1500 rpm BEP)
Fuel tank cap	100 mm (4 inch)
Additional	External fuel tank connection
Forklift 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 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 bunded, corrosion-free, 300 liter, 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.

PUMPS FROM HOLLAND