


Specifications:

Submersible pump type.....	BA150KS D285 SUB
Max. flow	475 m ³ /h (2090 US gpm)
Max. pressure	40 mwc (132 ft.)
Discharge connection	Camlock 633D coupler
Impeller type	Screw channel impeller
Solids handling	100 mm (4")
Powerpack type	HPU-HA60
Diesel engine	Hatz 4H50TIC DriveOn®
Emission level.....	Tier 4 final
Canopy	M10-23X
Hydraulic pump/motor	Linde Hydraulics
Hydraulic hoses	Certified hoses 15 mtr. (49 ft.)

FEATURES
BA hydraulic submersible pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. For the hydraulic submersible pumps and powerpacks we make optimal use of existing components. This allows us to apply the unique 4-year warranty period and offers you the highest possible standardisation in your pump fleet.

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
- Modern electronically governed engine
- Corrosion free hot dip galvanized canopy
- Corrosion free composite door panels
- Fully banded unit eliminating fuel/oil spills at all times

Complete package designed & built by BBA Pumps

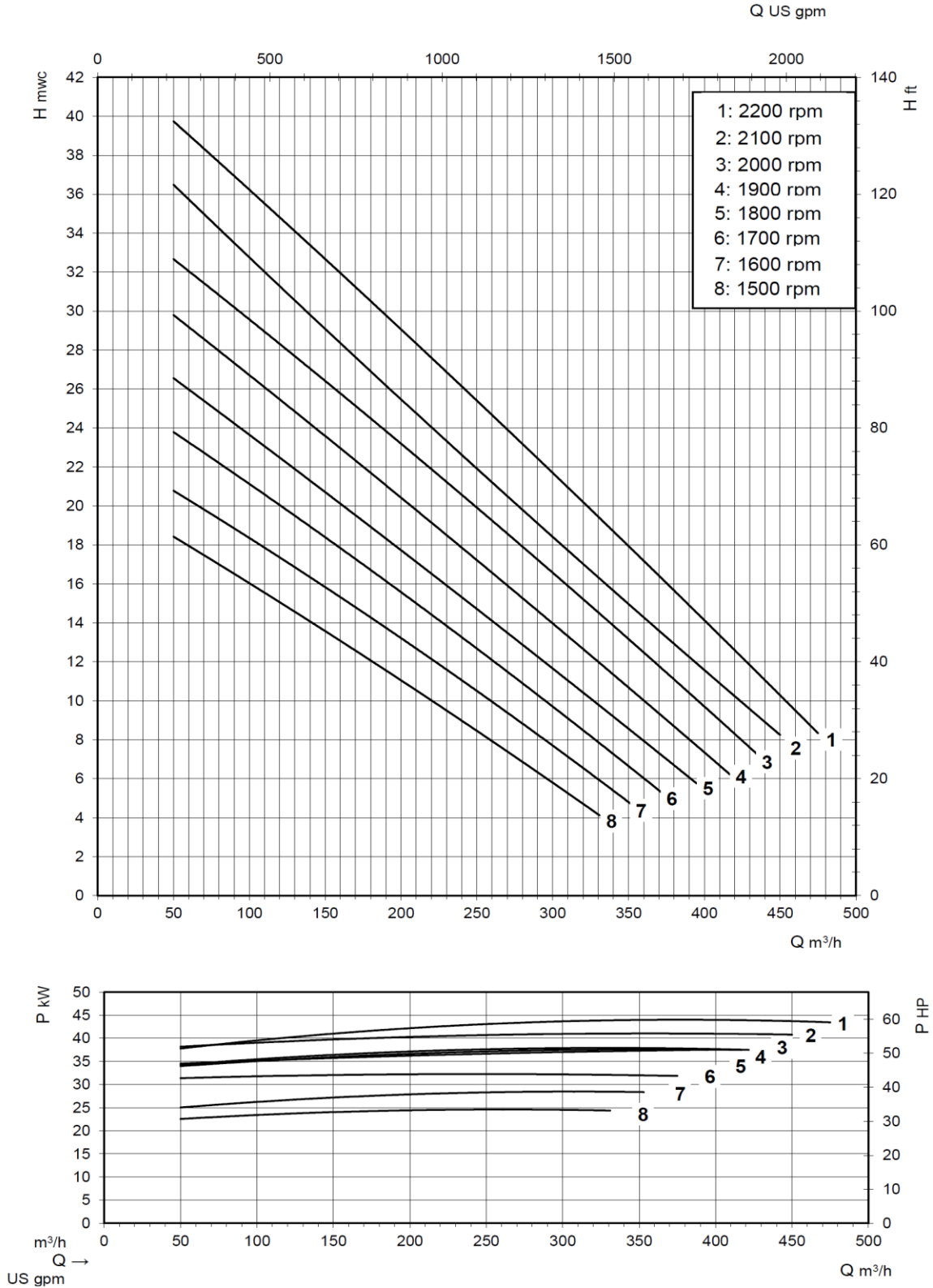
- Complete in-house design & production
- Over 70 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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



Pump performance curves are based on the speed of the powerpack diesel engine.

STANDARD TECHNICAL SPECIFICATIONS
BBA hydraulic submersible pump

Pump type.....	BA150KS D285 SUB
Max. flow.....	475 m ³ /hour (2090 US gpm)
Max. head.....	40 mwc (132 feet)
Impeller type.....	Screw channel impeller
Solids handling.....	100 mm (4 inch)
Pump casing.....	Steel hot dip galvanized
Impeller w/ cutter slots.....	Chrome Moly 42CrM04
Backplate w/ cutting edges..	GG25
Pump shaft.....	42CrV6
Mechanical seal.....	Tung/Sic/Viton
Hydraulic motor.....	Linde Hydraulics
Dimensions H x D.....	1140 x 520 mm (45 x 20.5 inch)
Dry weight.....	250 kg (550 lbs.)


BBA hydraulic powerpack

Type.....	HPU-HA60
Engine.....	Hatz 4H50TIC DriveOn®
Max. power output.....	44 kW (60 Hp)
Variable engine speed.....	1300 - 2200 RPM
Fuel consumption.....	220 g/kWh
Engine emission level.....	Tier 4 final
Control panel.....	LC40 with auto level control
Canopy type.....	M10-23X
Basic frame canopy.....	Hot dip galvanized
Doors.....	6 lockable composite doors
Fuel tank.....	PE net 300 litres (80 US gallon)
Hydraulic oil tank.....	Steel net 225 litres (59 US gallon)
Hydraulic pump.....	Linde Hydraulics
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point.....	Fitted with single lifting point
Stackable.....	Canopy is stackable
Dimensions L x W x H.....	2270 x 1050 x 1595 mm (90 x 41 x 63 inch)
Dry weight.....	1375 kg (3025 lbs.)


Miscellaneous

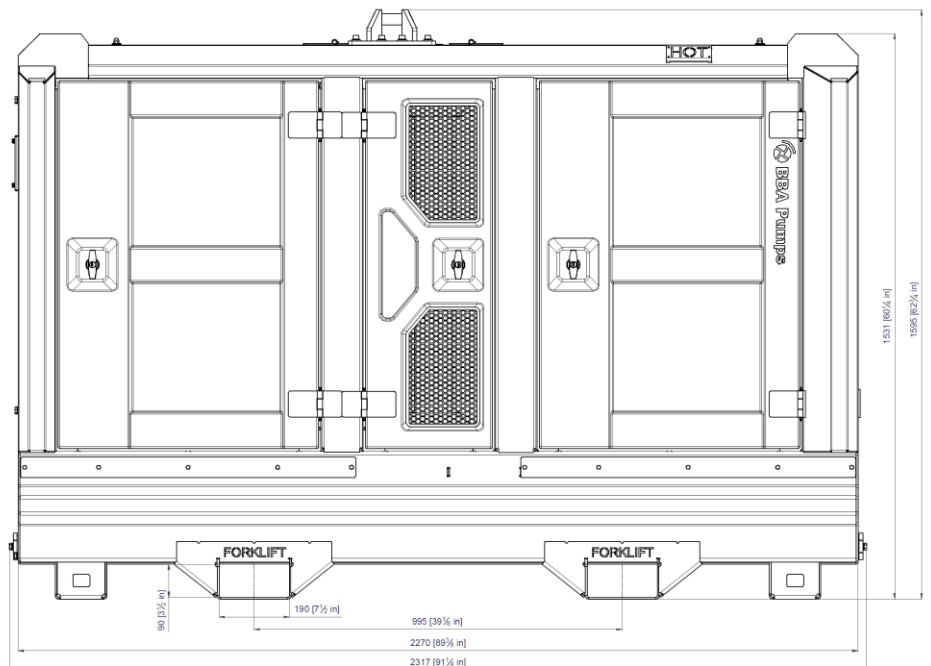
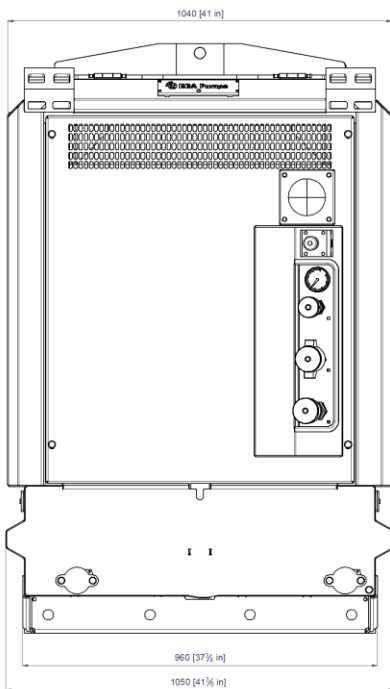
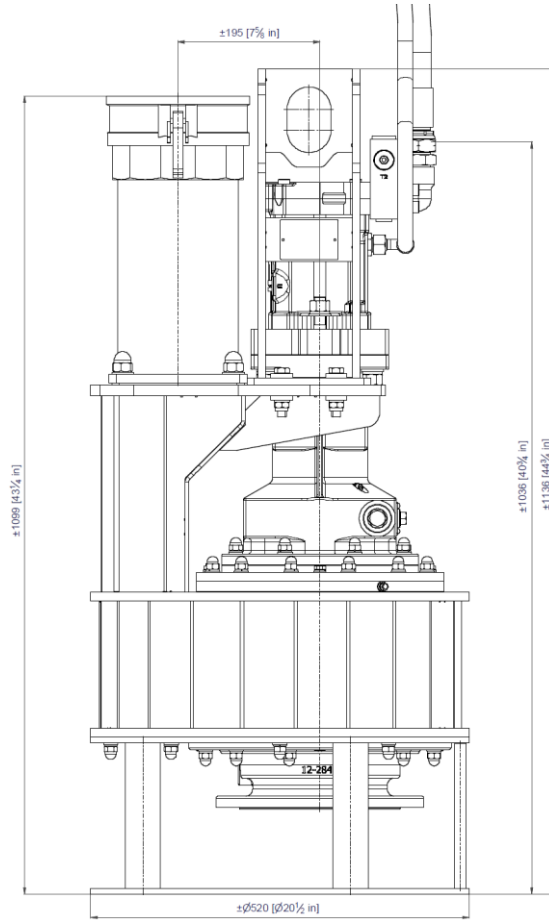
Hydraulic hoses.....	3 certified hoses with quick couplings
Length hoses.....	15 metres (49 ft.)*
Hydraulic oil requirement.....	ISO 46 mineral hydraulic oil
Max. oil temperature.....	80 °C (176 °F)
Oil cooler.....	Forced by electric fan, positioned in cold airflow
Optimal operating viscosity..	15 – 30 cSt
Max. system pressure.....	230 bar (3335 psi)
Max. oil flow.....	115 l/min (30 US gpm)

*Hydraulic hoses optional extensible to a maximum length of 60 metres (197 ft.).



BBA Pumps hydraulic submersible pumps and powerpacks are delivered without hydraulic oil or fuel.

DIMENSIONS





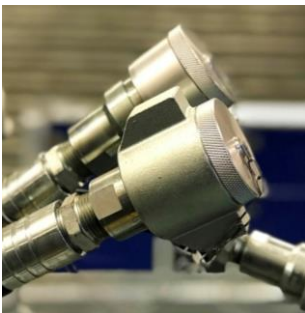
Screw channel impeller

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.



Safety first

Extremely durable and lockable T-locks offering perfect grip.



Connections

The hydraulic hoses are fitted with unique high-end couplings to prevent them from being incorrectly connected.



Fuel tank

Fully bundled, corrosion-free, 300 litres (80 US gallon), high-density polyethylene fuel tank, located in base of canopy.



LC40 control panel

High-end control panel with high resolution 4.3" LCD display and warning lights. The yellow connections are for float switches to run on auto level control.



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.